OMAHA WHOLESALE HARDWARE

















WWW.OMAHAWH.COM

TOLL FREE 1-800-238-4566

About Omaha Wholesale Hardware

OWH, a division of Johnson Hardware, began operating specifically as a wholesale-only operation in 1984. Johnson Hardware was established in 1855 bringing you the stability of a long established and respected company.

About Our Products

Omaha Wholesale Hardware sells only the well-known and respected lines on which you and your customers have relied for years.

About Our Service

Omaha Wholesale Hardware offers traditional value and service with quick, same-day shipping. Special orders are welcome--we are experts at tracking down special, hard-to-find items. And we protect our customers by not selling to end-users.

VISIT US AT OUR WEB SITE

WWW.OMAHAWH.COM

E-MAIL US AT

SALES@OMAHAWH.COM

GENERAL SALES POLICIES

(2003)

Payment - C.O.D., Visa and Mastercard accepted.

Credit Approved - 2% 10 Net 30 Days from date of invoice. A credit application can be found in Appendix A & B

Resale Certificate - Found in Appendix C. Fill it out and fax it to us with your first order.

Payment Policy - Payment is due no later than 30 days from date of invoice. Accounts with unpaid invoices in excess of 30 days, will be placed on credit hold until past due amount is paid. If account balance includes unpaid invoices over 60 days, open account status will be rescinded and C.O.D. terms will apply once amount is paid in full. A 1-1/2% per month service charge will be assessed. All payments will be made in U.S. dollars.

Returned Checks - A $35.00 surcharge will be added for checks returned, payment terms will be "Cash in Advance" thereafter.

Pricing - 1.) All prices are subject to change without notice.

2.) All quotations and bids are valid for 30 days from date of issuance, unless otherwise specified.

3.) Back orders on stock merchandise will be price protected. We cannot guarantee special order price protection.

Minimum Order - For your convenience, there is no minimum order! However, for orders less than $50.00 there will be a $5.00 handling charge in addition to the total freight cost.

Special Orders - Orders placed with manufacturers for products of custom size, function, design or finish, may require a 50% deposit at time of order. In addition, orders for these products will be non-cancelable and non-returnable. Omaha Wholesale Hardware will advise the customer at the time if this "special order policy" applies.

Cancellations - All cancellations must be confirmed in writing. Cancellation of factory ordered material will be at the discretion of the manufacturer and are subject to the manufacturer's cancellation terms.

Export - Any material purchased for direct shipment ooutside the U.S.A. will be "Cash in Advance" or Letter of Credit only.

Shipments - $500.00 Prepaid. All other orders are F.O.B. shipping point, via UPS Ground Service, or by carrier of our choice, unless otherwise specified at the time of order placement.

Claims - All claims must be reported to us within 5 days of receipt of merchandise. Please notify us promptly of any discrepancy in shipment and/or invoicing.

Returned Goods - A returned goods authorization numbers must be issued before returning any material. We will not accept any returned material without an RGA number and sticker. All returns will be coordinated by our sales staff. A 35% re-stocking charge will be applied to all non-defective returns. Special orders are non-returnable.

Acceptance of an Order - Omaha Wholesale Hardware reserves the right to decline any order, in whole or in part, when the type or quality of goods or credit worthiness is unsatisfactory to us.

Warranty - Omaha Wholesale Hardware assumes no liability for incidental or consequential damages arising from defective products, nor do we assume any responsibility for failure, breakage or cost which results from abuse, abnormal use, misuse, negligence or accident. Defective products will be repaired or replaced as directed by the individual manufacturers warranty.

Use Of This Catalog - The intent of this document is to provide accurate information and references to select proper products for specific jobs. Always consult with factory specifications, instructions and local codes if there are any questions. Omaha Wholesale Hardware assumes no liability for information supplied in regards to accuracy, completeness and interpretation.

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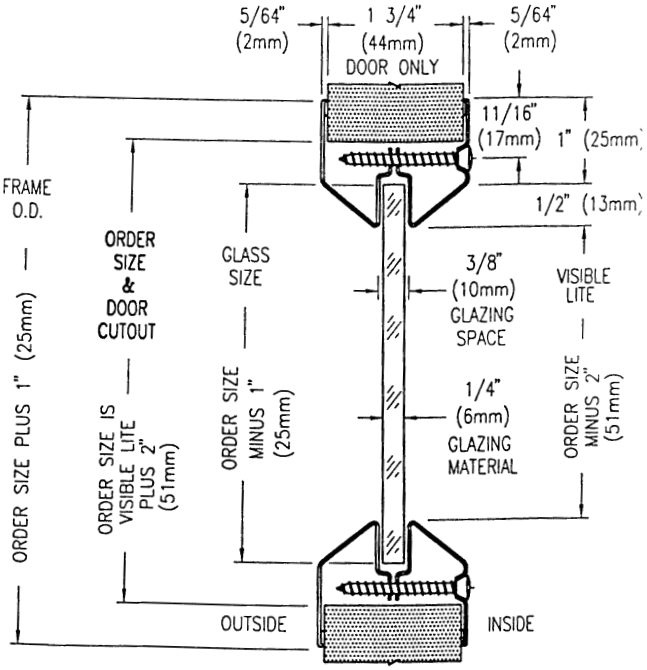
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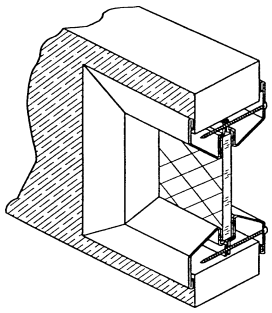
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L-FRA 100

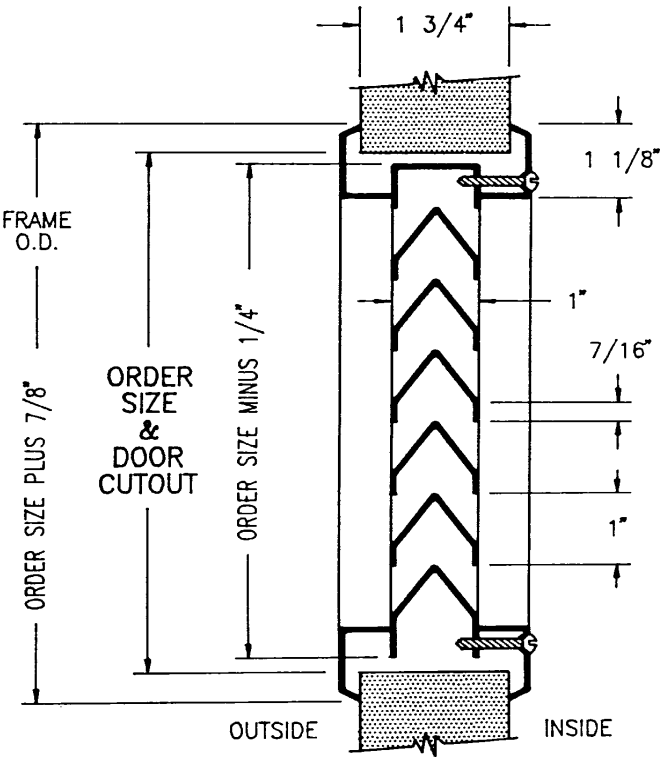
LOW-PROFILE METAL VISION FRAME

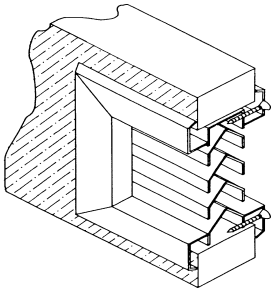
FACTORY STANDARDS

- 20 ga. C. R. steel
- Counter-sunk mounting screw-holes
- #8 x 3/4" Phillips oval TEK screws
- Available in uneven and fractional sizes
- For 1-3/4" doos, 1/4" glass (by others)
- Tan powder coat standard finish (T), Other available finishes include: Aluminum (AL), Black (BL), Dark Bronze (DKB), White (W), and Gray Primer (Z)
- Custom colors can be special ordered.
- Fire-Rated Lite Kits are available for some sizes (see restrictions).
- For exterior use, high humidity, or salt air, specify zinc powder coat (Z) gray primer.
- This lite kit has been tested and has passed a positive pressure fire test when used with out door clips and intumescent glazing. Specify need for a positive pressure kit, when ordering.

WHAT YOU NEED TO KNOW WHEN ORDERING

1. Quantity of each Model #
2. Desired finish
3. Cutout Size (Width x Height)
4. Which Options to Include





L-700 RX

SELF-ATTACHING, NO VISION DOOR LOUVER

FACTORY STANDARDS

- 18 ga. steel frames with mitered and welded corners
- 24 ga. steel blades with hemmed edges
- Counter-sunk mounting screw-holes-- interior side.
- #8 x 1-3/4" Phillips oval screws
- Available in uneven and fractional sizes
- 1-3/4" door thickness only
- Matches L-GLF100 Series glass frame
- Free area approximately 80%
- Tan powder coat standard finish (T), Other available finishes include: Aluminum (AL), Black (BL), Dark Bronze (DKB), White (W), and Gray Primer (Z)
- Custom colors can be special ordered.
- For exterior use, high humidity, or salt air, specify zinc powder coat (Z) gray primer.

Marshfield DoorSystems, Inc.
Formerly the Door Division of Weyerhaeuser

WOOD DOORS

ARCHITECTURAL, COMMERCIAL & RESIDENTIAL GRADES

WHEN FULL SERVICE IS AS IMPORTANT AS QUALITY AND STYLE. . .

- **Service is our most important product.**
  Fast quotes. Quick answers. Machining. Fitting. Quick ship program.
- **We stock quality products.**
  Full product lines with accessories. Architectural wood doors. Steel doors. Frames. Hardware.
- **We cater to your sense of style.**
  The most current developments in architectural function and aesthetics.
- **We fill custom orders.**
  Any species. Any size. Any veneer assembly. Any core for any purpose. Machined to any spec. Any color or stain.

WHAT YOU MUST KNOW TO ORDER:

1. **Door size.** (ie. 3'-0" x 6'-8")
2. **Door thickness.** (1 3/8" or 1 3/4")
3. **Core type.** (Hollow or Solid)
4. **Is a Fire Rating required?**
5. **Hand.** (see handing chart)
6. **Style.** (F, G, V or N)
7. **Hardware.** (Hinges, Lockset, Exit Device, etc.)

CORE TYPES

Particleboard cores
Staved cores
Structural composite lumber cores
Mineral cores for 90, 60, and 45 minute fire ratings
Acoustical doors
X-Ray doors
Stile & Rail doors

DOOR STYLES

Panel Doors
Sidelite Panel Options
Louver Doors
French Doors
Sidelite French Door Options
Transom Options

GENERAL NOTES:

1. Stock doors are available in Rotary Natural Birch (RNB) and Plain Sliced Red Oak (PSRO).
2. All doors are prefit and beveled (unless otherwise specified.)
3. All Fire Rated doors have matching stiles.
4. All species and cuts are available on an order basis.
5. Light kits shipped loose - glass not included (unless specified.)
6. Premachining available to your specifications.
7. Doors are crated to avoid shipping damage.

STANDARD STOCK SIZES AND VENEERS

DOOR SIZE	RNB	RNB(Fire Rated)	PSRO	PSRO(Fire Rated)
2068	•		•	
2468	•		•	
2668	•	•	•	•
2868	•	•	•	•
3068	•	•	•	•
3468	•	•	•	•
3668	•	•	•	•
3868	•	•	•	•
4068	•	•	•	•
2070	•		•	
2470	•		•	
2670	•	•	•	•
2870	•	•	•	•
3070	•	•	•	•
3470	•	•	•	•
3670	•	•	•	•
3870	•	•	•	•
4070	•	•	•	•
3080	•	•	•	•
3090	•	•	•	•

NOTE:
1. All sizes available with 20 min. Fire Rating.
2. Regulations require that all Fire Rated doors must be machined by a licensed distributor.

RNB = Rotary Natural Birch
PSRO = Plain Sliced Red Oak

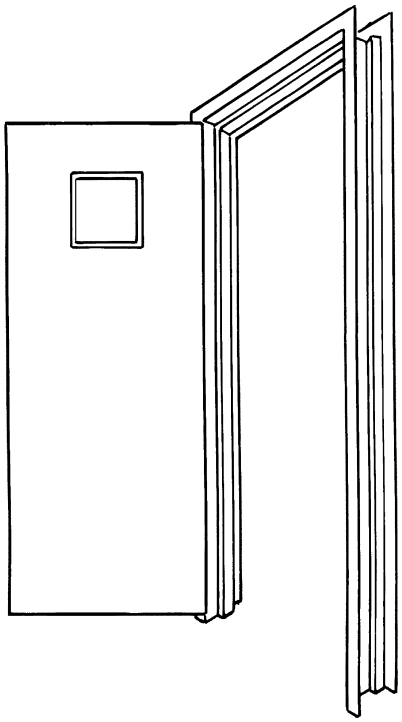
We offer complete wood door machining, customized hardwood lite inserts, prefitted and/or beveled, plus protective packaging for mar-proof jobsite delivery. When received at the job site, your machined wood doors are ready for hardware and hinges. All you need is a screwdriver for perfect installation.

STANDARD STEEL DOORS AND FRAMES

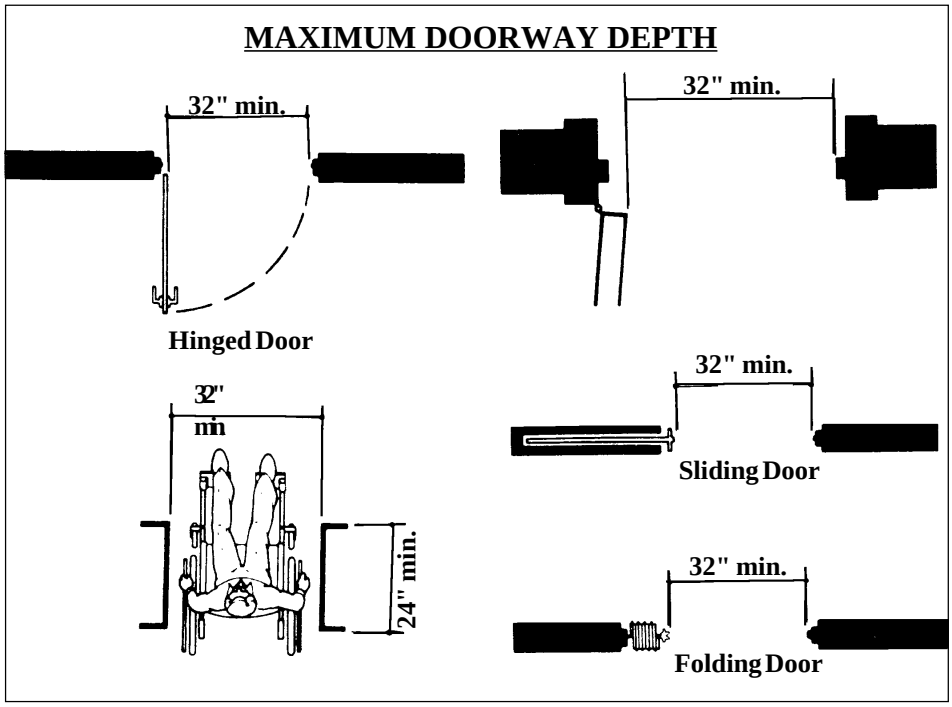
ADAAG Section 4.13.5: Clear Width

- Doorways shall provide a clear opening of 32" minimum, with the door open 90 degrees.
- Clear opening shall be measured between the face of the door and stop.
- Openings more than 24" in depth shall provide a clear opening of 36" minimum.
- **Exception:** Doors not requiring full user passage, such as shallow closets, shall have a clear opening of 20" minimum.
- **Alterations/Existing Conditions:** Where it is technically infeasible to comply with clear opening requirements, a maximum projection of 5/8" shall be permitted for the latch side stop (reducing the required clear opening to 31-3/8" minimum.

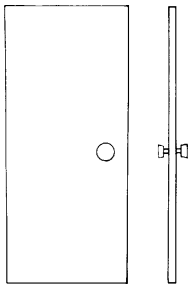
- **Note:** Some inspectors have interpreted that the 32" clear opening rule should include the latching device projection (face of the door to the outer edge of the hardware)



MAXIMUM DOORWAY DEPTH



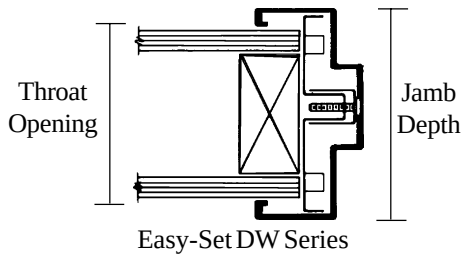
BASIC DOOR ELEMENTS:



THE STEEL DOOR

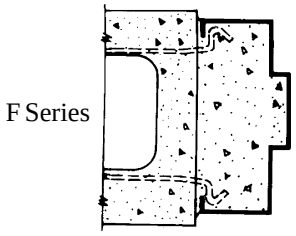
STEEL FRAMES

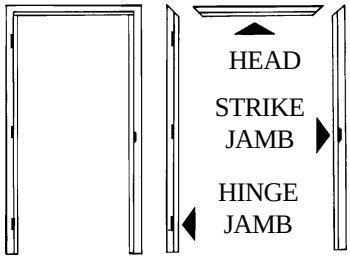
DRYWALL CONSTRUCTION
Installed after wall is built



Easy-Set DW Series

MASONARY CONSTRUCTION
Wood and steel studs

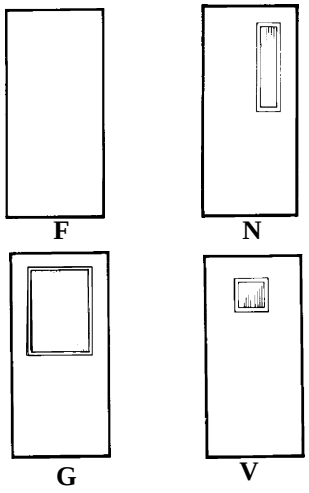




THE STEEL FRAME

STANDARD STEEL DOORS AND FRAMES (continued)

DOOR STYLES:



WHAT YOU MUST KNOW TO ORDER

Doors

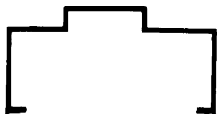
1. Size of Door (ex: 3'0" x 6'8")
2. Door Thickness (1-3/4" only)
3. Hand (See Handing Chart)
4. IS IT FIRE RATED?
5. Door Style (F, V, N, or G)
6. Hardware Needed (ex: Hinges, lockset, closer, exit devices, etc.)

Frames

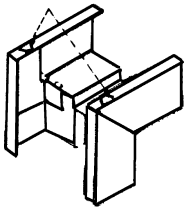
1. Size of Door (ex: 3'0" x 6'8")
2. Door Thickness (1-3/4" only)
3. Hand (See Handing Chart)
4. IS IT FIRE RATED?
5. Wall Type (ex: Masonary, Wood, etc.)
6. Wall Thickness
7. Hardware Needed (ex: Hinges, Strikes, Closer, etc.)

THERE ARE TWO BASIC TYPES OF STEEL FRAMES:

F SERIES

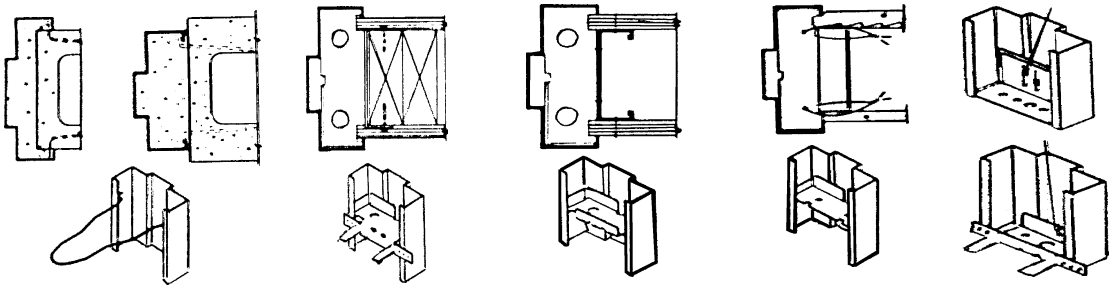


Bend tabs to assemble



F series frames for masonry openings are set, anchored to the floor and anchored to the wall as the wall is built. When used in a wood or steel stud partition, a rough opening is prepared, the frame installed, anchored and the drywall added. Typical sections and the anchors used are:

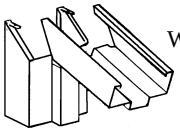
Masonry **Wood Stud** **Closed Steel Stud** **Open Steel Stud** **Base Anchors**



Jamb Depths: 16 ga - 4-3/4", 5-3/4", 6-3/4", 7-3/4" & 8-3/4"

DW SERIES

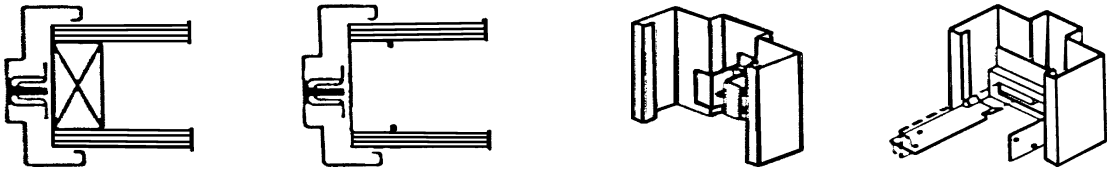




Wedge-lock corner

DW series frames are installed afer the wall is built. The wall can be painted prior to installing the frame or after installation. Typical sections and the anchors used are:

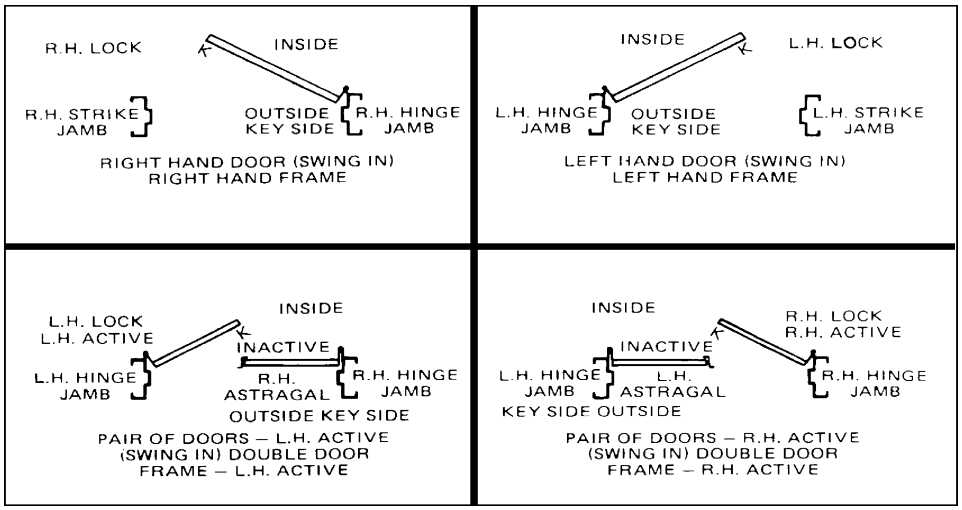
Wood Stud **Steel Stud** **Jamb Anchor** **Base Anchor**



Jamb Depths: 16 ga - 5-5/8", 5-7/8", & 7-1/8"

STANDARD STEEL DOORS AND FRAMES (continued)

DOOR HANDING CHART:



STANDARD STEEL FRAMES

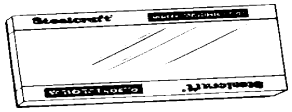
The Steel Frame is identified by type of frame, gauge of steel, thickness of door hung in frame, jamb depth (usually 1 inch larger than wall thickness size, handing and preparation for strike. For example, an "F16-4 5 3/4 3068 RH ASA" identifies a Flush Series frame that is made of 16 gauge steel, for a 1-3/4" thick door, with a 5-3/4" jamb depth, that is 3' wide x 6'8" high, has a right hand swinging door and is prepared for a 4-7/8" high strike.



The Steel Frame is bundled as a knocked down (KD) unit by Omaha Wholesale Hardware in three pieces consisting of: 1. Strike jamb 2. Head and 3. Hinge Jamb **plus** necessary anchors, etc.

STANDARD STEEL DOORS

The Steel Doors are identified by gauge of steel, thi ckness, size, direction of door swing (handing) and required preparations for hardware. For example, an "L18-4 3068 V RH 161" means the door is made of 18 gauge steel, is 1-3/4" thick, is 3'0" wide x 6'8" high, is a right hand door and is prepared for a cylinderical lockset with a 2-3/4" backset. The "V" indicates the door type (style)-vision light.



Doors have cardboard edge protectors applied before door is shrink wrapped. Size, hand and type are shown on edge.

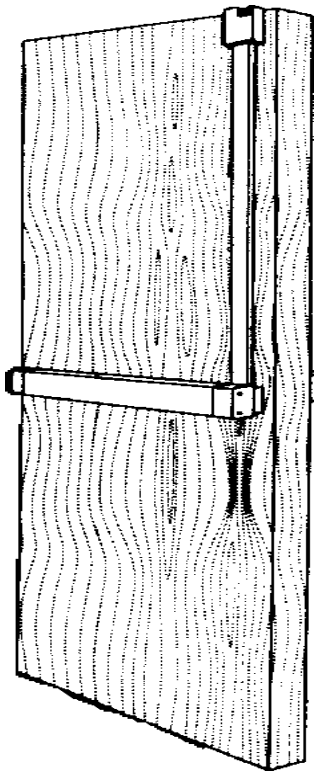
FRAMES

Wth	Ht	4-3/4"	5-3/4"	6-3/4"	7-3/4"	8-3/4"	5-5/8"	5-7/8"	7-1/8"
2' - 0" thru 3' - 0"	6' - 8"	X	X	X	X	X	X	X	X
	7'-0"	X	X	X	X	X	X	X	X
	7'-2"		X						
	8'-0"		X						
3' - 6" thru 6' - 0"	6' - 8"	X	X	X	X	X		X	X
	7'-0"	X	X	X	X	X		X	X
	7'-2"		X						
	8'-0"		X						

DOORS

Width	Height 6' - 8"	Height 7' - 0"
2' - 0"	X	X
2' - 4"	X	X
2' - 6"	X	X
2' - 8"	X	X
3' - 0"	X	X
3' - 4"	X	X
3' - 6"	X	X
3' - 8"	X	X
4' - 0"	X	X

GRAINTECH STEEL DOORS



GRAINTECH

No other steel door comes closer to providing the look and feel of real wood. In fact, the beauty of real wood has been rendered so impossibly close in both the grain and the finish, you'll have to look hard to tell the difference. Here, at last, is a steel door that allows you to meet building and fire code requirements without sacrificing the integrity or the harmony of your design.

FEATURES

- Steelcraft's exclusive engraining process presses authentic-looking woodgrains into the door's surface.
- Specially-formulated primer accepts stain so colors can be closely matched in factory or on site to existing wood treatments.
- Frames and trims can also be closely matched to the door and existing wood treatments.
- Uses readily-available staining materials and normal staining practices.
- Doors will never warp, crack, peel or bow. Steel construction, unlike veneered or solid wood doors, is stronger, more secure and less susceptible to damage.
- Fire rated under UL, UBC and NFPA codes.
- Steel door structure is compatible with a wider range of exit hardware including concealed or surface exit devices, as well as an increased variety of hinges, locks, etc.
- Ideal for exterior and interior use. (Exterior must be covered with a UV top coat)
- Can be field repaired.
- Stainable woodgrained "Dezigner Trim" is available for glazing applications.

IDEAL USES

Schools
Hospitals
Offices
Nursing Homes
Apartment Buildings

FINISHES

ASH
BIRCH
MAHOGANY
MAPLE
OAK
WALNUT

APPLICATIONS

Entrances
Cross Corridor Doors
Stairwells
Storage Areas
Mechanical Equipment Rooms
Meeting Rooms
Patient Rooms
Classrooms

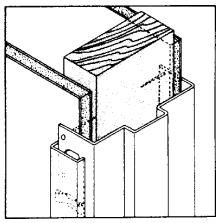
STRENGTH

20, 18 and 16 gauge
Cold Rolled Steel
Galvanized Steel

FIRE RATED

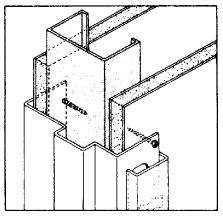
20 Minute to 3 hour
Singles and Pairs
Single Point Locks
With and Without Astragals
Exit Devices

WALL CONSTRUCTION

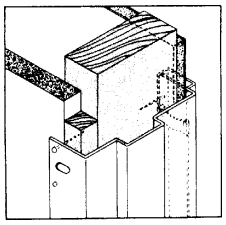


WOOD STUD & DRYWALL
(also for solid, semi-solid partitions or plywood sandwich walls)

Recommended Fasteners: 6d or 8d Common Nails. 1 1/4" (min.) Type S or G Bugle Head Self Tapping Screws.



METAL STUD & DRYWALL
Recommended Fasteners: 1 1/4" (min.) Type S or G Bugle Head Self Tapping Screws.



WOOD STUD & EXTERIOR STUCCO W/DRYWALL
Recommended Fasteners: 6d or 8d Common Nails.

TIMELY

PREFINISHED STEEL DOOR FRAMES

GENERAL INFORMATION

HOW TO ORDER TIMELY FRAMES

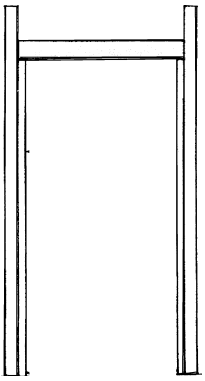
SPECIFY:

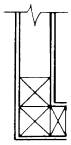
1. **Quantity needed**.
2. **Door size and thickness** followed by swing (LH or RH) if other than 6/8 high.
3. **Wall size and series**... First number indicates inches. Second number indicates eighths of an inch followed by "C" for 18 Ga. (Commercial Series). Example... 47C = 4 7/8" wall, 18 ga. frame.
4. **Hinge preparation** for 1 3/4" doors. 345 denotes 3 ea.- 4 1/2" hinges.
5. **Strike preparation**... For adjustable 2 3/4" "T" strike, choice of brass, bronze, oil rubbed bronze or zincrome, or N/S denotes no strike preparation.
6. **Finish:** Browntone.

ORDER EXAMPLE:

10 ea. - 3/0 x 6/8 x 1 3/4 / 47C / 345 / Brass/ BT

ROUGH OPENING- FRAMING INSTRUCTIONS





1 1/2" minimum stub wall

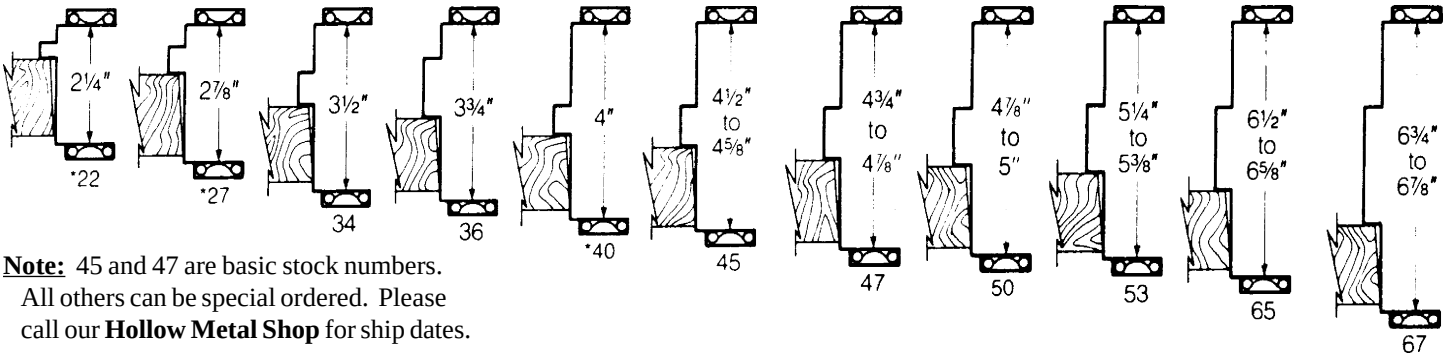
- Figure 1" over door height (between header and finished floor).
- Figure 1 1/4" over door width.

FRAME SERIES

Wth	Ht	*34	*36	45	47	*50	*53	*65	*67	*73
2' - 0" thru 3' - 0"	6' - 8"	X	X	X	X	X	X	X	X	X
	7' - 0"	X	X	X	X	X	X	X	X	X
3' - 6" thru 6' - 0"	6' - 8"			X	X				X	X
	7' - 0"			X	X				X	X

*** Denotes frame series**

FRAME PROFILES FOR 1 3/4" DOORS



Note: 45 and 47 are basic stock numbers. All others can be special ordered. Please call our **Hollow Metal Shop** for ship dates.

THE PLS FRAME SET

It's Quick, Uncomplicated, and Accurate!



The PLS tool will answer all important questions like:

- Is it the wall or frame?
- Is it the frame or the door?
- Is the frame plumb and square?
- Is the frame twisted?
- Why does it have a latch or hinge bind?

The PLS Frame Set combines the plumb bob, level, and the square into one tool. This one remarkable tool will work better, faster and with more accuracy than any combination of leveling tools.

LONG-LASTING & DURABLE!

The PLS Frame Set is made of sturdy commercial grade aluminum; it won't bend, break or become unaligned during normal use. Even comes with its own carrying case!

Easy to use--Simply set the PLS Frame set to the desired door width and align your frame.

THE MOST ESSENTIAL TOOL EVER MADE FOR THE INSTALLATION OF DOOR FRAMES!

It avoids costly re-work:

- Re-setting frames
- Strike grinding
- Replacing door and still having the same problem.

Accomodates a wide variety of frames:

- Hollow metal
- Aluminum
- Wood

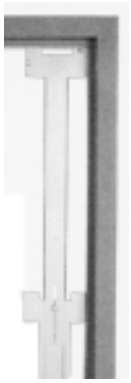
AND....

The PLS Frame Set adjusts to openings up to 72"!

Check frame width at head, middle & sill.
Check frame for bowing at middle.



Frame Head Level? Square?



Frame Jamb Plumb? Square?



Frame Jamb Twist Single



Proper frame jamb alignement:



Frame Jamb Offset Single



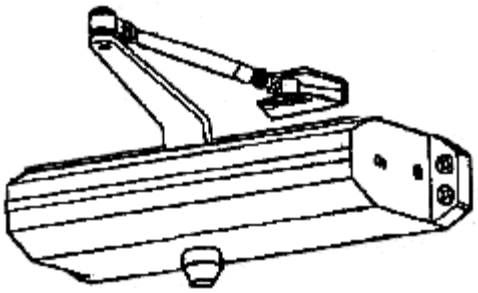
Frame Jamb Twist Both



Frame Jamb Offset Both

DOR-O-MATIC

SURFACE DOOR CLOSERS



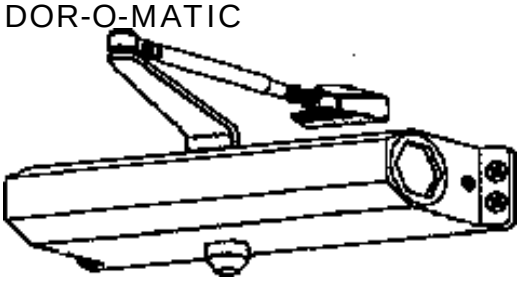
The Dor-O-Matic surface closer series is designed to meet the most common installation and application requirements in the commercial marketplace and, in some cases, provide an identical footprint, which makes renovation and retrofits work very simple.

SC 60 SERIES

* Same templating as the Norton 1600 and can be mounted to existing hole patterns.
* SC60 adjusts from sizes 2 - 5 & SC61 adjusts from sizes 1 - 4 (meets reduced opening force requirements of the ADA
* Non-handed
* Options include: Delayed Action, Hold-Open, Throughbolts
* Meets A156.4 Grade 1 & SC61 meets A117.1 Section 4.13.11
* UL and cUL listed
* Finishes: Aluminum, and Dark Bronze

DOR-O-MATIC

SC 90 SERIES



* Same templating as Norton 9300 and mounts to existing hole patterns
* SC91 is size 1 & meets reduced opening force requirements of the ADA.
* SC94 is size 4.
* Non-handed
* Options: backcheck, Hold-open, Throughbolts
*Meets A156.4, Grade 3 & SC91 meets A117.1 Section 4.13.11
*UL & cUL listed
* Finishes: Aluminum, and Dark Bronze

DOR-O-MATIC

BENCHMARK SWING™



The Benchmark Swing can suit virtually any application-interior and exterior. Easily adaptable with all Dor-O-Matic activation and accessories.

FEATURES/OPTIONS

* UL325 and ANSI A156.19 compliant
* Manual or automatic usages
* UL Listed for fire-rated applications
* On/Off switch standard
* Non-handed, push-or pull-side mounted
* Auto reverse on opening cycle
* Adjustable opening speed
* Adjustable backcheck
* Adjustable latching position
* Adjustable time delay
* Optional full-length covers for up to 49" single and up to 96" on pairs of doors

DORMA

8900 HEAVY DUTY SERIES



Featuring full range spring power adjustment and Thinking Backcheck, along with a narrow projection full cover and flat form style arm, the 8900 series results in the perfect combination of durability, reliability and appearance.

FEATURES/OPTIONS

* 8901 for interior and exterior barrier-free requirements and 8905 for exceptionally wide, tall or heavy doors
* Non-handed for regular, top jamb and parallel arm applications
* Interior doors up to 5'0" and Exterior doors to 4'6"
* Adjustable backcheck prevents uncontrolled opening of the door
* Backcheck positions valve to maintain effective backcheck range on parallel arm applications.
* Delayed action option
* Pressure relief, tamper resistant valves and adjustments
* Impact resistant, full plastic cover standard, full metal cover optional



SURFACE DOOR CLOSERS 640/650 SERIES

The 650 is available in sized and spring adjustable versions. The 650 Series is tailored for the aluminum door and frame industry. The closers will have aluminum alloy bodies with high compression steel springs and hardened rack and pinions for doors opening up to 180 degrees maximum. The closers will have two non-critical thermostatic valves to separately control sweep and latch speeds and provide constant closing speeds even under extreme temperatures

FEATURES/OPTIONS

* 641/651 closers available for barrier free guidelines (adj. size 1-4)
* 640/650 closers available for greater closing force (adjust size 3-6)
* 642 thru 646 closers available for fixed size, non-adjustable version
* Interior doors to 4'-6" & Exterior doors to 4'-0"
* 640 available in regular, top jamb, parallel arm & track applications. 650 available in regular, top jamb & parallel arm only.
* Delayed action or backcheck /delayed action optional
* Can retrofit Norton 1600 (size 4,5, or 6); Yale 50 (size 4,5, or 6) and other closers with similar hole spacing
* The 650 series comes standard with 1/4 - 20 type F self tapping fasteners and backcheck for aluminum store front applications
* Optional backcheck on 640 series



7600 SERIES

DORMA's 7600 Series Closers are hydraulic surface-applied door closers with backcheck and full range adjustable spring force for interior or exterior doors, including doors that must comply with barrier free codes. Optional delayed action makes the 7600 particularly useful in hospitals, senior citizen's homes and apartment complex entrances

FEATURES/OPTIONS

* Fully adjustable hydraulic backcheck
* Optional adjustable delayed action or backcheck/ delayed action
* UL & cUL Listed
* UL10C & UBC 7.2 for positive pressure
* 7601 versions meet the requirements of ANSIA117.1 & ADA for barrier free accessibility
* 7601 closers are for interior and exterior barrier-free (BF) requirements (adjustable size 1-5). They can retrofit of existing DORMA 6600 & DORMA 7600 installations
* 7605 available for exceptional wide, tall or heavy doors (adjustable size 5 to 6 + 50% adjustment)
* Two non-critical adjusting valves with thermostatic properties



7900 SERIES

The time proven hydraulic control system along with standard features such as fully adjustable spring power and Thinking Backcheck , are provided under a narrow projection cover. This results in a heavy-duty, architectural grade closer for institutional and commercial applications.

FEATURES/OPTIONS

* 7901 for interior & exterior barrier-free requirements
* 7905 for extra wide, tall or heavy doors
* Non-handed for regular, top jamb & parallel arm applications
* Interior doors to 5'0"; Exterior doors to 4'6"
* Full metal cover optional
* Optional arms, plates and brackets available
* Adjustable backcheck
* Narrow 2 1/8" projections
* Pressure relief value
* Optional delayed action

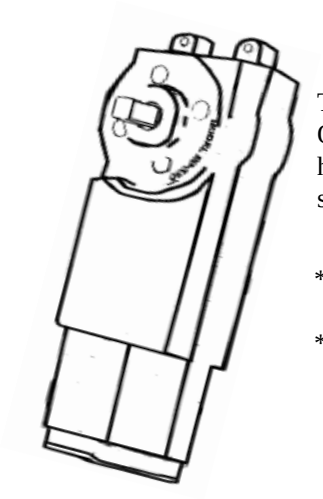


BTS 80 FLOOR CONCEALED

Compact Versatility allows installation in thin slab concrete subfloor construction. A wide selection of interchangeable spindles makes it suitable for virtually any floor covering or threshold application. Can control exceptional heavy single and double acting doors. Trouble-free performance under adverse climatic and traffic condition.

FEATURES/OPTIONS

* Non-handed unit suitable for both single and double acting doors
* Controlled closing with two adjustable valves
* Mechanical backcheck
* Options: Delayed Action, Barrier Free, custom finishes
* Multi-point hold open between 75 degrees and 175 d egrees
* Spring Sizes 2-3, and 4U - 6U for fire-rated.
* UL and CUL certifications. ANSI A156.4, grade 1 certified. The BF meets opening force requierments of ANSI A 117.1 for exterior barrier-free accessability
* Capable of controlling doors up to 660 lbs



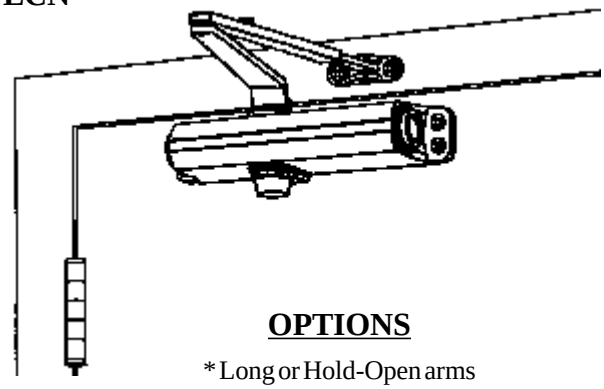
JACKSON Overhead Door Closers

The JACKSON Overhead Concealed Closer is manufactured in the USA under strict ISO 9000 guidelines. One basic closer mechanism allows for single or double acting, center-hung or offset applications and is non-handed. Suitable for both interior and exterior installations. Available in four fixed spring sizes or adjustable spring power, making this the ideal closer for aluminum, wood or hollow metal doors and frames.

FEATURES/OPTIONS

* Dual valve control - both closing and latching speeds are independently adjustable
* Four fixed sizes:
  - Extra Light Duty - XLD
  - Light Duty - LD
  - Regular Duty - RD
  - Heavy Duty - HD
* Hold-Open or Non-Hold-Open
* Adjustable Spring Power - Size XLD (2) thru RD (4) This allows you to set an opening force which will meet handicap barrier-free (BF) requirements for both interior and exterior doors in one closer.
* Backcheck - cushion back-stop

LCN



1070 SERIES THRIFTEE™

The 1070 Thriftee™ is an economical, double lever arm closer designed for use on narrow 1-3/4" head frames and top rails. The choice of cylinder sizes, optional arms, installation accessories and ease of installation offer a versatile solution to door control in moderate traffic applications.

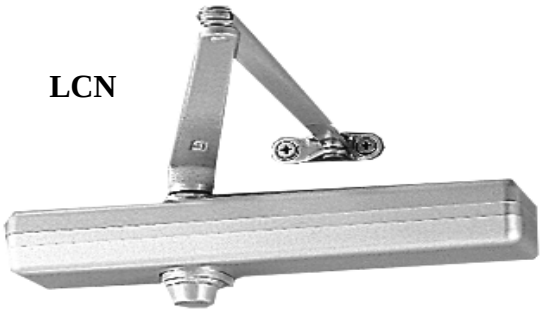
OPTIONS

* Long or Hold-Open arms
* Slim line covers
* Non-metalic cover
* Non-handed
* Non-sized
* 10 year warranty

FEATURES

* UL and ULC listed for self-closing doors without hold-open. ANSI A156.4,Grade 1.
* Standard 1070 closer shipped with regular arm, and wood and machine screw pack.
* Sized 1074 or 1075 cylinder for ext. doors to 3'6" and int. doors to 4'6"
* Non-sized 1071 cylinder for ext doors to 30" and int doors to 38"
* Closer mounts hinge side, top jamb and parallel arm on either right or left swinging doors.
* Meets ADA requirements.
* Finishes: Aluminum and Dark Bronze.
* Standard or custom painted finishes
* SRI primer for corrosive conditions.

LCN



1460 SERIES-STANDARD COVER

Features new designer series cover option. Cast iron cylinder for exceptional service life. UL/ULC listed for use on fire-rated doors. All-weather hydraulic fluid eliminates seasonal adjustments. Ten year warranty. New self-reaming and self-tapping screws. LCN closers and power operators can be specified in seven standard or over 180 custom powder coated finishes. ADA: Size 1 closer meets 5.0 lb (2.3kg) opening force requirement on interior doors.

FEATURES/OPTIONS

* New fast, accurate installation using the stick-on, no measure mounting template
* New metal designer series or standard cover
* Mounting Configurations: Pull side, top jamb and parallel arm
* Non-handed, non-sized. New size 1-6 closing power
* Interior doors to 5’0” (152.4 cm) Exterior doors to 4’0” (121.9cm)
* Arms: Heavy-duty, Hold-Open, extra duty (EDA), Hold-Open extra duty (HEDA), Cush-N-Stop, Hold-Open Cush-N-Stop, Spring Cush and Hold-Open Spring Cush
* Delay action (optional) provides additional time for people to move through door.

Quest™ 1370 Series

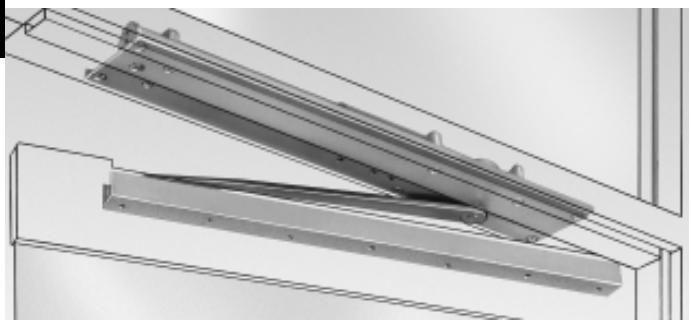


The Quest™ 1370 Series closers are non-handed, can be mounted pull side, push side or parallel arm and are suitable for doors hung on hinges or pivots. Cast iron cylinder for exceptional service life. All-weather hydraulic fluid eliminates seasonal adjustments. Ten year warranty. ADA: Size 1 closer meets 5.0 lb (2.3 kgm) opening force requirement on interior doors

FEATURES/OPTIONS

* Self-tapping and self-reaming mounting screws for wood, metal or aluminum doors
* Three regular arm mountings
* Unique mounting bracket designed for fast and easy installation
* Adjustable backcheck
* Optional Hold-Open arm
* Optional Delay Action cylinder
* Std powder coated finishes only
* Parallel Arm available
* Size 1-5 closing power

2030 SERIES PACER™

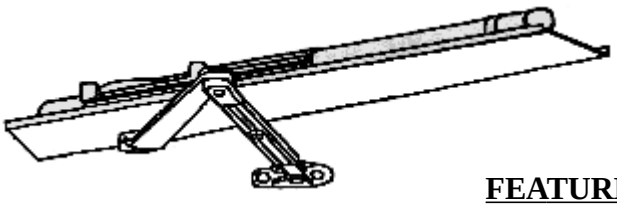


This concealed series is a heavy duty closer designed to fit in a narrow 1-3/4" aluminum transom. The single lever arm and roller assembly provide smooth, quiet door control and the choice of finishes and track functions meet virtually all architectural requirements. For aluminum, hollow metal or wood doors and frames. Can be used with hinge or pivot mounted door, unless otherwise noted. Used for closers with 4" or 1-3/4" head frame or 4" top rail. Mounting clips for wood frames and other installation accessories available for unusual conditions.

FEATURES/OPTIONS

* UL and ULC listed for self-closing doors, without hold-open. Tested and certified under ANSI Standard A156.4.
* Using 420 Fire Shield, hollow metal frame and 20 minute labeled wood door preparation tested by Warnock Hersey.
* Standard closer shipped with standard arm, regular track, mounting/finish plate and wood and machine screw pack.
* Sized cylinders for interior doors to 4'6" and exterior doors to 3'6".
* Handed for right or left swinging doors.
* Aluminum frame requires minimum 1-3/4" x 4" tube.
* Closers to meet ADA requirements.
* Standard or custom painted finishes. Stocked in Aluminum and Dark Bronze.
* Optional plated finish on arm, fasteners and finish plate.
* SRI primer for installations in corrosive conditions.
* Through Bolts and TORX™ machine screws are available for some closers. For Through Bolts, specify door thickness if other than 1-3/4".
* 10 year limited warranty.
* Regular track w/ bumper; Hold-open track;hold-open track w/bumper; Fire Shield.

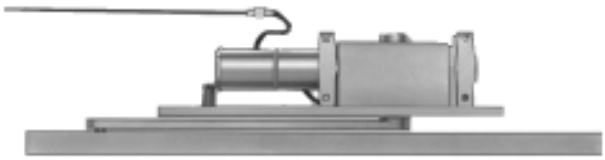
5030 SERIES



The concealed 5030 Series PACER™ is a heavy duty closer designed to fit in a narrow 1-3/4" aluminum transom. The double lever arm provides superior door control and the choice of finishes and arm functions meet virtually all architectural requirements.

FEATURES/OPTIONS

* UL Listed with regular arm for self-closing doors
* Tested and certified under ANSI standard A156.4
* Standard 5030 series closer shipped with regular arm (non-hold-open) mounting/finish plate and wood & machine screw pack
* Sized cylinders for interior doors to 5'0" and exterior doors to 4'0"
* Handed for right or left swinging doors
* Aluminum frame requires min 1-3/4 x 4-1/2" tube
* Standard or custom powder coat finishes
* Optional plated finish on arm, fasteners and mounting/finish plate



2210 HIGH SECURITY SERIES

Heavy-duty cast iron cylinder for exceptional service life. All-weather, fire resistant hydraulic fluid eliminates seasonal adjustments and meets Positive Pressure requirements. All exposed fasteners are TORX™ machine screws to provide maximum resistance to tampering and abuse. Tested to over 10 million cycles to reduce replacement and long term costs. Ten year warranty.

FEATURES/OPTIONS

* The concealed 2210 series track closer features complete concealment with special components to minimize tampering and vandalism
* Based on LCN's concealed, forged steel single lever arm closer, the 2210 DPS combines heavy-duty components and a built-in DPS (Door Position Switch) to provide high security
* Mounting: single acting in head frame concealed arm and track in top rail of door
* AVB (Advanced Variable Backcheck) optional, provides resistance at the mid-point of the opening swing. Cylinder begins backcheck at approximately 45º instead of 90º
* Extra heavy-duty forged steel arm with a low friction roller for strength and security
* DPS optional field adjustable switch can interface with security and monitoring systems (two year warranty)

High Security Vandal Resistant Surface & Concealed Closers



4210 SERIES
HIGH SECURITY SMOOTHEE™

The 4210 Smoothee™ Series is a high security closer with special components to minimize tampering and vandalism. Forged steel parallel arms and heavy gauge metal security covers are designed for correctional, vandal prone, institutional and other high traffic applications. Ten year warranty

FEATURES/OPTIONS

* The 4210 series closer is a rugged surface-mounted parallel arm closer.
* Application-specific closers are designed to provide optimized door control for a specific mounting configuration
* Interior doors to 5'0" Exterior doors to 4'0"
* Full metal cover attached with four TORX™ fasteners
* Delay action (optional) provides additional time for people to move through the door
* Arms: Solid forged steel main arm and forearm. Riveted studs at arm joints. EDA Standard. Cush-N-Stop and H-Cush-N-Stop are optional
* AVB (Advanced Variable Backcheck) optional, provides resistance at the mid-point of the opening swing. Cylinder begins backcheck at approximately 45º instead of 90º
* Track version available (push side mount)



4510 SERIES
HIGH SECURITY SMOOTHEE™

The 4510 series' lever arms and heavy gauge metal security covers are designed for correctional, vandal prone, institutional and other high traffic applications.

FEATURES/OPTIONS

* This closer has passed the 10,000,000 cycle independent test.
* Shipped with extra heavy duty arm (non-hold-open), metal security cover, and TORX™ machine screw pak.
* Sized cylinders for int doors to 5'0", and ext doors to 4'0"
* Tested and certified under ANSI Standard A156.4. , Grade 1.
* UL listed for self-closing doors.
* Non-sized cylinder adjustable for interior doors to 4'6" and exterior doors to 3'6".
* Closer mounts hinge side. Specify handing.
* 4511 cylinder meets ADA requirements.
* Standard finishes. Custom powder coat finishes available.
* Optional plated finishes on arm, fasteners and finish plate.
* SRI primer for installations in corrosive conditions.

4000 Series Heavy-Duty, Surface Mounted Closers



4010/4020/4110 SERIES

Heavy-duty cast iron cylinder for exceptional service life. UL/ULC Listed for use on fire rated doors. All weather, fire resistant hydraulic fluid eliminates seasonal adjustments and meets Positive Pressure requirements. Ten year warranty. ADA: Size 1 closer provides less than 5.0 lb (2.3 kgm) Opening force on 36" (91.4cm) wide door.

FEATURES/OPTIONS

* Application-specific closers are designed to provide optimized door control for the following mounting configurations:
  * 4010 Hinge pull side mounted; 4020 Top jamb push side mounted; 4110 parallel arm (push side) mounted
* Interior doors to 5'0" & Exterior Doors to 4'0"
* Non-sized cylinder adjustable for interior doors to 4'6" & exterior doors to 3'6"
* Delay Action option available
* Advanced variable backcheck available on the 4110
* Arms: 4010 and 4020 available with regular, Hold-Open, and track type. 4110 available with extra duty (EDA) Hold-Open EDA (HEDA), Cush-N-Stop, Hold-Open, Spring Cush and track type
* Tested to over 10 million cycles to replacement and long term costs
* Track version available



4030/4130 Series

FEATURES/OPTIONS

* Application specific closers are designed to provide optimized door control for the following mounting configurations: 4030-hinge (pull side) mounted, 4130 Parallel arm (push side) mounted
* Interior doors to 4'0" NOTE: 4030 and 4130 series are only recommended for use on interior doors
* Arms: Regular and Hold-Open



4040 STANDARD COVER

* Exceeded 10 million cycles in independent tests for proven durability
* Non-handed. Mounts on hinge (pull side) , top jamb (push side) and parallel arm (push side) or on a bracket
* Interior doors to 5'0"; Exterior doors to 4'0"
* Peel and stick template for fast, accurate installation
* FAST Power Adjust[tm] (Fast, Accurate Spring Tension) accurately adjusts the closer to match the condition of the entrance
* Delay action (optional) provides additional time for people to move through the door
* New #3 Phillips self-reaming, self-tapping screws
* Arms: Regular, Hold-Open, extra duty (EDA), Hold-Open extra duty (HEDA), Cush-N-Stop, Spring Cush and track type
* Track version available

LCN Fire/Life Safety Closers/Holders

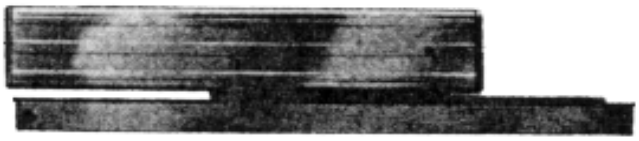
Designed to hold doors open in normal use but will release and automatically close doors under fire conditions. Heavy-duty cast iron cylinder for exceptional service life. UL/ULC listed for use on fire-rated doors, two year warranty. LCN closers and power operators can be specified in seven standard or over 180 custom powder coated finishes.



4040 SE SERIES

* Non-handed, mounts on hinge side, push or pull side of Opening
* Non-sized cylinder adjustable for interior doors to 4'0"
* Single point Hold-Open
* Stand alone or interfaces with fire alarm systems
* 24 volt input standard with 120 volt optional for SE unit
* Concealed unit available (3130 SE)
* All-weather, fire resistant hydraulic fluid eliminates seasonal adjustments and meets Positive Pressure requirements

4310 ME, 4410 ME, 2310 ME



* Application specific closers are designed to proved optimized door control for the following mounting configurations:
    * 4310 ME: pull-side
    * 4410 ME: push-side
    * 2310 ME: concealed
* Sized cylinders for interior doors to 4’0”
* Provides infinitely adjustable multi-point Hold-Open function
* Stand alone or interfaces with fire alarm systems
* 24-volt input standard with 120-volt optional for ME unit
* Optional unit features a scanner activated Hold-Open function (HSA)

4630 / 4640 SERIES AUTO-EQUALIZERS ™ (ELECTRTIC)



4630 Shown

The 4630/4640 Auto-Equalizer™ is an electrically powered automatic operator that opens doors slowly to provide easy access for the disable, elderly, or frail. Guard rails and safety mates are not required because of the operators unique low kinetic energy design. For use on both high and low traffic volume entries with a choice of finishes and system options to meet virtually all accessibility requirements.

FEATURES/OPTIONS

* New digital control suite
* Non-handed, non-sized
* 4630 mounts top jamb on pull side, 4640 mounts top jamb on push side
*Meets ADA, Section 4.13.12 requirements and is UL/ULC listed with standard arm for self-closing doors and meets provision of ANSI Standards A117.1 and A156.19
* Easily accessible switches provide on/off and continuous hold-open functions.
* 4630 has track style arms and the 4640 has double lever arms.
* On board power supply to power actuators and electric strikes
* Designed for easy installation and maintenance
* Standard or custom powder coated finish, end caps are black

4810 / 4820 SERIES AUTO-EQUALIZERS ™ (PNEUMATIC)

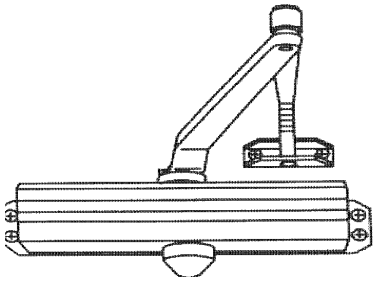


4810 Shown

The 4810/4820 Auto-Equalizer™ is an electrically powered automatic operator that opens doors slowly to provide easy access for the disable, elderly, or frail. Guard rails and safety mates are not required because of the operators unique low kinetic energy design. For use on both high and low traffic volume entries with a choice of finishes and system options to meet virtually all accessibility requirements.

FEATURES/OPTIONS

* 4810 shipped with single lever arm, metal cover, regular track (non-hold open) and wood & machine screw packs
* 4820 closer shipped with regular arm, metal cover and wood & machine screw packs
* Non-sized cylinders for doors 4'6" and exterior doors to 3'6"
* Non-handed for either right or left swinging door
* Meets ADA requirements
* Both 4810 and 4820 require additional system compents
* Standard or custom powder coated finishes
* UL and ULC listed with regular arm for self-closing doors and meets ANSI standard A117.1 & A156.19
* Optional plated finish on cover, arm and fasteners



1600 SERIES

Norton Series 1600 door closers have an aluminum housing ideal for medium traffic doors. The slender style makes it ideal for glass doors. They also have clean, distinct lines that blend well with aluminum, wood and metal doors and frames.

* Two independent valves for closing control
* Mounts on doors opening Left or Right
* Regular, top jamb or parallel arm mount
* UL Listed, meets ANSI Grade 1 standards
* Also fits Yale 50 Series door & screw hole locations
* Fits doors from 1 3/4" to 2 1/2" thick; 2 1/2" to 4" wide; up to 8 feet tall
* Adjustable Delayed Action closing available

Max Door Size (inches)

Mfg #	Interior Door	Exterior Door	
1602	32"		
1603	38"	30"-32"	
1604	44"	36"-38"	
1605	48"	42"-44"	
1606		48"	
1601	38"- 48"	30" - 38"	Multi-Size Adjustable (sz 3 to 6)
1601BF	32"- 44"	up to 38"	Barrier Free Adjustable (sz 1-4)

Housing Dimensions

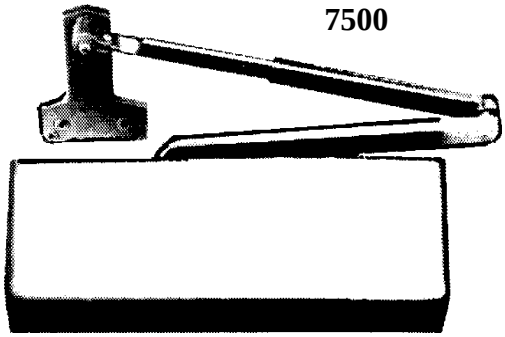
Interior Door Units
8 3/4"L x 2 7/8"W x 2 5/8"H

Exterior Door Units
9 3/4"L x 2 7/8"W x 2 5/8"H

7500/7700 SERIES

Heaviest Duty Multi-sized Closers

7500



Norton Series 7500-multisized and 7700-sized door closers are recommened for high traffic, heavy door openings in schools, hospitals and instiutional buildings. 7500 Series are adjustable from sizes 2 thru 6 (standard) or 1 thru 4 (barrier-free). 7700 series are available in individual closer sizes 2, 3, 4, 5, or 6.

* Four individual regulating valves provides sweep and latch speed control
* Standard closers allows regular, top jamb or parallel arm mounts
* UL Listed. ANSI 156.4, Grade 1
* 10 year warranty
* Optional wood laminated steel covers
* Aluminum & Dark Bronze finishes
* Adjustable backcheck & spring power

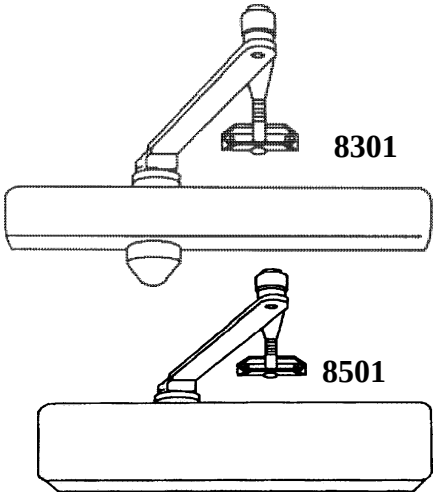
* Other options include:
-Hold-open Arm (H)
-Parallel Rigid Arm (PR)
-Adj Delay Action Closing (DA)
-Corrosion Resistant Stainless Steel (SS)
-Slide Track (ST)
-Closer Plus Door Control (CLP)
-Unitrol Door Control (UNI)
-Barrier Free- ANSI A117.1 (BF)

8301/8501 SERIES

Heavy Duty Multi-sized Closers

8301

8501

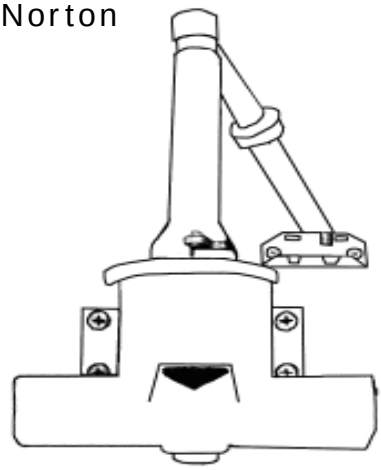


Norton Series 8301-slim cover and 8501-full cover door closers are recommended for heavy duty full feature multi-size commercial door openings in office buildings, shopping centers and other commercial buildings. They are adjustable from sizes 2 thru 6 (standard) or 1 thru 4 (barrier-free).

* Regular, top jamb or parallel arm mount
* Non-handed: installs on either hand of door
* Adjustable sweep and latch speeds
* Optional wood laminated steel covers
* Full cover or slim style covers projection 2-1/8" from door
* UL Listed. ANSI 156.4, Grade 1
* 10 year warranty
* Aluminum & Dark Bronze finishes

* Other options include:
-Hold-open Arm (H)
-Parallel Rigid Arm (PR)
-Adj Delay Action Closing (DA)
-Closer Plus Door Control (CLP)
-Unitrol Door Control (UNI)
-Barrier Free- ANSI A117.1 (BF)

Norton



SERIES 78- B/F TRADITIONAL SURFACE CLOSERS

The 78 series closers represent a combination of traditional styling and modern closer features. All closer sizes are contained within a single size aluminum ally shell. Templates for installing this closer are the same for all closer sizes. Only two springs are needed to accommodate the complete range of door sizes. One clock spring is adjustable for sizes 2, 3, and 4 and a larger spring can be adjusted to meet closer sizes 5 and 6.

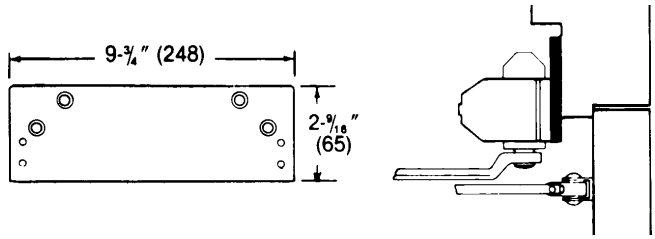
FEATURES/OPTIONS

* Aluminum alloy shell.
* Non-handed. Field reversible.
* Adjustable spring power.
* Rack & pinion operation.
* Adjustable sweep/latch speed.
* Adjustable back check cushioning.
* Non-hold open arm supplied standard.
* Hold Open arm available.
* Adjusta-power shoe.
* Parallel Rigid arm available.
* Delayed action closing available

NORTON 1600 Series Jamb Closers: Closer Mounting Plates

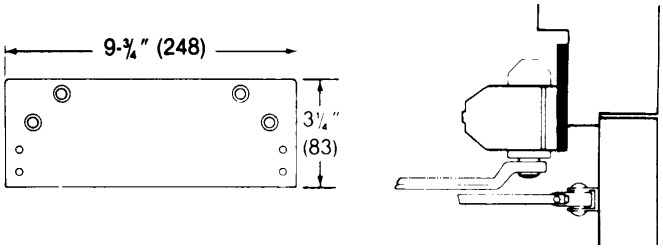
1687 DROP PLATE LOW CEILING CLEARANCE OVERHEAD DOOR HOLDER

For use with 1604, 1605 and 1606 size closers. For use where low ceiling clearance prevents normal top jamb mounting. This plate is used when the clearance is between 1-3/4" and 2-5/8". Or for use where an over-head door holder prevents normal top jamb mounting. This places the centerline of the arm mounting screws at 2-1/4" from the top of the door.



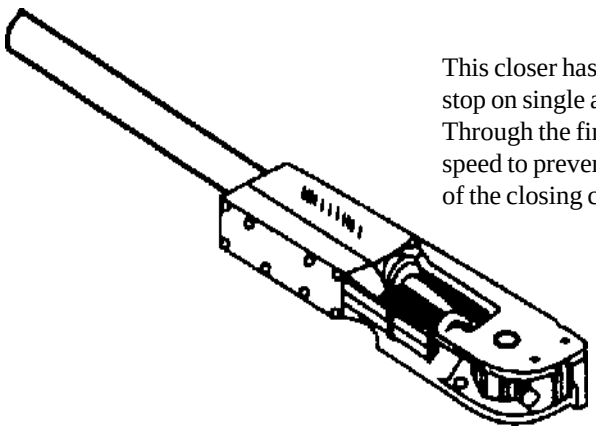
1688 DROP PLATE OVERHEAD DOOR HOLDER

For use with 1604, 1605 and 1606 size closers. For use where an over-head door holder prevents normal top jamb mounting. This places the center-line of the arm mounting screws at 2-7/8" from the top of the door.



THE BIG "K"

CONCEALED OVERHEAD CLOSER
(A replacement for the Kawneer® Husky®)

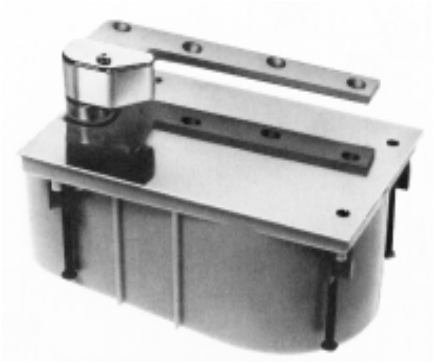


This closer has a two-speed closing control to prevent the door from slamming against the stop on single acting applications, and to prevent over-swing on double acting applications. Through the first 80 degrees of the closing cycle, the door should be kept at a moderate speed to prevent “heel bumping” as someone enters an out-swing door. The last 10 degrees of the closing cycle are the latching or cushion control and should be set per directions:

#7730 Size 4, 105 degrees Hold Open.
Up to 41” door size
(replaces Kawneer® #37-629)

#7731 Size 4, 105 degrees non-Hold Open.
Up to 41” door size
(replaces Kawneer® #37-627)

DOOR CLOSERS CONCEALED IN THE FLOOR



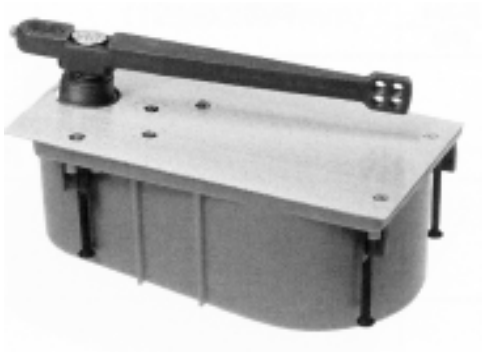
#27

FLOOR CLOSER

- Offset hung
- Installed to provide a pivot point 3/4" from the face of the door and 3/4" from the heel edge of the door.
- Single acting (opens in one direction)

COMMON FEATURES OF THE RIXON FLOOR CLOSERS

* Install in the concrete beneath the surface of the floor for total concealment.
* Heavy duty hydraulic mechanisms for reliable, consistent performance.
* Both #27 & #28 floor closers are single acting and open in only one direction.
* Separate hydraulic latches, stroke and backcheck adjusting valves and built-in positive dead stop to exceed ANSI Grade 1 standards.
* Both models come complete with a bottom arm, top pivot, cement case and floor plate. Intermediate pivots are recommended for total door alignment on offset hung models.



#28

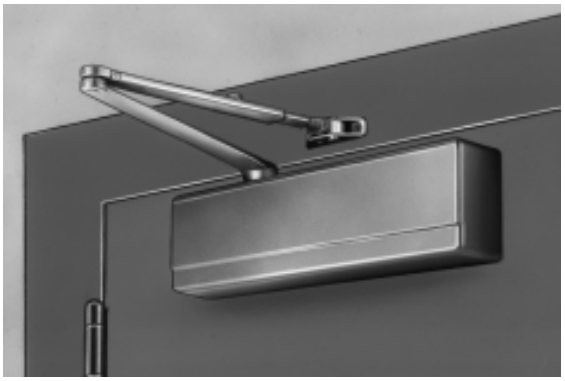
FLOOR CLOSER

- Center hung
- Installed 2-3/4" from the door frame.
- Single acting (opens in one direction)

MDL NUM	BEST SUITED FOR...	MAX DOOR WEIGHT	DEGREE OF OPENING	SPECIAL FEATURES AVAILABLE
27	Heavy Traffic Doors	450 lbs.	85, 90, 95, 105	Selective, Automatic or Non-Hold Open
L27	Lead Lined or Extra Hvy Duty	1500 lbs.	85, 90, 95, 105	Selective, Automatic or Non-Hold Open
F27	Labeled Fire Doors	450 lbs.	85, 90, 95, 105	Non-Hold Open
Q27	Heavy Traffic Doors	350 lbs.	85, 90, 95, 105	Removable w/o Demounting Door-Side Jamb M19 Pivot Included
HM27	Hollow Metal Doors	250 lbs.	90, 105	Butt Hung (3/4" offset)
FHM27	Labeled Fire Doors	250 lbs.	90, 105	Butt Hung (3/4" offset)
PH27	Barrier Free Entrances	450 lbs.	85, 90, 95, 105	Meets ANSI Handicapped Requirements-Int. Opening
27DA	Heavy Traffic Doors	450 lbs.	85, 90, 95, 105	Adjustable Delay from 90 to 70 degrees
28	Heavy Traffic Doors	400 lbs.	85, 90, 95, 105	Selective, Automatic or Non-Hold Open
H28	Extra Heavy Doors	1250 lbs.	85, 90, 95, 105	Selective, Automatic or Non-Hold Open
G28	Tempered Glass Doors	800 lbs	85, 90, 95, 105	Selective , Automatic or Non-Hold Open
PH28	Barrier Free Entrances	400 lbs.	85, 90, 95, 105	Meets ANSI Handicapped Requirements-Int. Opening
28DA	Heavy Traffic Doors	400 lbs.	85, 90, 95, 105	Adjustable Delay from 90 to 70 degrees

281 Series Powerglide®

Replaces the 250/260/270/1250 Series



This grade one door closer uses a one-piece high strength cast iron body for many years of trouble-free service. The new 281, 268 and 278 will replace the 250/260/270 and the 1250 closers. There is a full complement of interchangeable arms. Included in this series are the 268 overhead-concealed closer with track and the 278 overhead-concealed closer with exposed arm.

FEATURES/OPTIONS

* Adjustable backcheck
* Two pressure relief valves
* 10-year warranty
* Adjustable Sizes 1 to 6
* One-piece cast iron body
* Non-handed
* Adjustable door and latching speeds
* All brass adjusting valves
* Adjustable Delayed Action (DA)
* Security Packages available (SSP, PSSPT, etc.)
* Special Corrosion Protection (SRI)
* Advanced Backcheck (ABC)

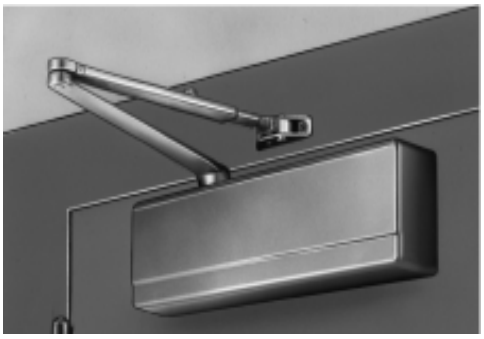
351 Series Powerglide® Heavy Duty



FEATURES/OPTIONS

* Standard, top jamb, parallel arm and track type mounting
* High impact flame retardant grade plastic closer covers
* ADA Compliant
* Conforms to UL 10C and UBC 7-2 (1997)
* Positive Pressure Fire Test.
* 10 year limited warranty
* Non-handed
* Adjustable to sizes 1 thru 6
* Adjustable closing & latching speed & backcheck
* Cast aluminum closer body
* Adjustable arm leverage at foot.
* Heavy duty forged steel main arm.

1430 Series Powerglide®

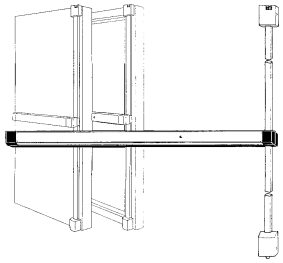


Heavy duty forged steel arms are finely finished and interchangeable between the 1430 closer and SARGENT's 1250, 250 and 350 closers series. The cold formed arms (RO & RP9) are unique to the 1430 series and not interchangeable with the other closers. Easily retrofits existing 1230/1231 Series installations.

FEATURES/OPTIONS

* Adjustable spring power (1430 closers range sizes 3 thru 6 & 1431 closers range sizes 1 thru 4)
* High performance cast aluminum body
* Key control valves offer separate regulating for door speed, latching, backcheck and optional delayed action.
* Conforms to standards UL 10C & UBC 7-2 (1997)
* Positive Pressure Fire Test
* ANSI/BHMA Grade 1
* Allows for standard, top jamb, parallel and track installations

If you do not find the items you are looking for in these listings, please call our toll-free number. We have direct factory links and can special-order those "hard-to-find" products.

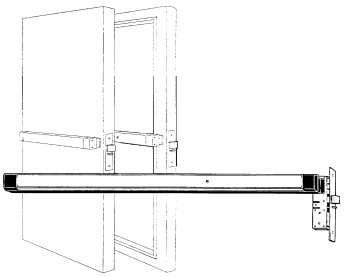


3100/8100/8200 SERIES SURFACE VERTICAL RODS

3100 - FIRE-RATED For Wood or Hollow Metal Steel Doors
8100/8200, - LIFE-SAFETY:
#8100 For Wood or Hollow Metal Steel Doors
#8200 For Aluminum Stile Glass Doors

FEATURES/OPTIONS

* Patented top latching mechanism interlocks door to frame.
* Pushbar clad, not plated, in a variety of finishes.
* Easy to install. Clean, unobtrusive design.
* Strong, durable construction for a high security.
* Certifications: UL Life-Safety listing. ANSI/BHMA A156.3 1994 Grade 1 New York City MEA.
* For Series 3100 Fire-Rated: UL 1034B 3 hour Fire Label. California State Fire Marshall Warnock Hersey Listing for Fire Doors up to 10'.
* Self-contained battery operated alarm.
* Adjustable steel rods protected in contoured steel runners.
* Battery operated alarm with external leads for remote speakers, signal lights or override switch.
* Hardwired alarm with battery backup.
* Remote control entry access and monitoring.
* Monitor Signal Switch
* Cylinder Dogging, except for fire-rated.

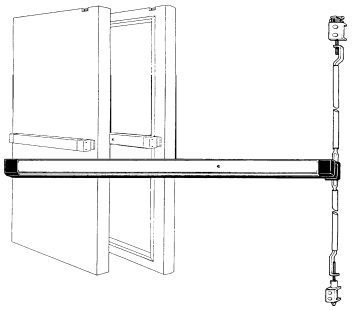


3300/8300/8400 SERIES MORTISE TYPE

3300-FIRE-RATED for Wood or Hollow Metal Steel Doors
8300/8400-LIFE-SAFETY:
#8300 for Wood or Hollow Metal Steel Doors
#8400 for Aluminum Stile Glass Doors

FEATURES/OPTIONS

* Heavy duty deadlatching mechanisms.
* Pushbar clad, not plated, in a variety of finishes.
* Easy to install. Clean, unobtrusive design.
* Strong, durable construction for a high level of security.
* Certifications: UL Life-Safety listing. ANSI/BHMA A156.3 1994 Grade 1 New York City MEA.
* For Series 3300 Fire-Rated: UL 1034B 3 hour Fire Label. California State Fire Marshall Warnock Hersey Listing for Fire Doors up to 10'.
* Self-contained battery operated alarm.
* Battery operated alarm with external leads for remote speakers, signal lights or override switch.
* Hardwired alarm with battery backup.
* Remote control entry access and monitoring.
* Monitor Signal Switch
* Cylinder Dogging, except for fire-rated.

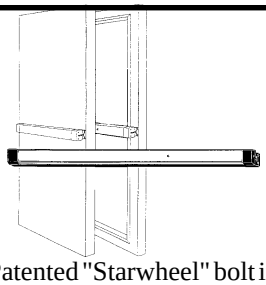


3600/8500/8600 SERIES CONCEALED VERTICAL RODS

3600-FIRE-RATED for Wood or Hollow Metal Steel Doors
8500/8600-LIFE-SAFETY:
#8500 for Wood or Hollow Metal Steel Doors
#8600 for Aluminum Stile Glass Doors

FEATURES/OPTIONS

* Patented top latching mechanism interlocks door to frame.
* Top and bottom adjustable steel rods.
* Pushbar clad, not plated, in a variety of finishes.
* Easy to install. Clean, unobtrusive design.
* Certifications: UL Life-Safety listing. ANSI/BHMA A156.3 1994 Grade 1 New York City MEA.
* For Series 3600 Fire-Rated: UL 1034B 3 hour Fire Label. California State Fire Marshall Warnock Hersey Listing for Fire Doors up to 10'.
* Strong, durable construction for a high level of security.
* Self-contained battery operated alarm.
* Battery operated alarm with external leads for remote speakers, signal lights or override switch.
* Hardwired alarm with battery backup.
* Remote control entry access and monitoring.
* Monitor Signal Switch
* Cylinder Dogging, except for fire-rated.

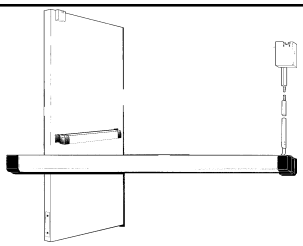


3700/8700/8800 SERIES RIM MOUNTED

3700-FIRE-RATED for Wood or Hollow Metal Steel Doors
8700/8800-LIFE-SAFETY:
#8700 for Wood or Hollow Metal Steel Doors
#8800 for Aluminum Stile Glass Doors

FEATURES/OPTIONS

* Patented "Starwheel" bolt interlocks door to frame.
* Pushbar clad, not plated, in a variety of finishes.
* Easy to install. Clean, unobtrusive design.
* Strong, durable construction for a high level of security.
* Certifications: UL Life-Safety listing. ANSI/BHMA A156.3 1994 Grade 1 New York City MEA.
* For Series 3700 Fire-Rated: UL 1034B 3 hour Fire Label. California State Fire Marshall Warnock Hersey Listing for Fire Doors up to 10'.
* Self-contained battery operated alarm.
* Battery operated alarm with external leads for remote speakers, signal lights or override switch.
* Hardwired alarm with battery backup.
* Remote control entry access and monitoring.
* Monitor Signal Switch
* Cylinder Dogging, except for fire-rated.
* Removable mullions for 3700 and 8700 Series.



3900/8900 SERIES
WOOD DOOR CONCEALED VERTICAL RODS

3900-FIRE-RATED for Wood or Hollow Metal Steel Doors
8900-LIFE SAFETY for Wood or Hollow Metal Steel Doors

FEATURES/OPTIONS

* Non-handed
* Lever entry trim is field reversible
* Pushbar made of extruded aluminum, clad or anodzed in a variety of finishes
* Standard self-tapping screws
* Hardened steel strike included with exit device
* Accepts any standard diameter mortise cylinder with MS cam. Accommodates cylinder lengths from 1" to 1-1/4"
* Two year limited warranty
* Certifications: UL Life-Safety listing. ANSI/BHMA A156.3 1994 Grade 1 New York City MEA
* Battery operated alarm with external leads for remote speakers, signal lights or override switch.
* Hardwired alarm with battery backup.
* Monitor Signal Switch
* Cylinder Dogging, except for fire-rated.
* Electric Latch Retraction
* Electric Dogging
* For Series 3900 Fire-Rated: California State Fire Marshall Warnock Hersey Listing for Fire Doors up to 10'. Wood doors must have stiles made from Georgia Pacific's "Firestop" material in accordance with Georgia Pacifics door procedures.

ADAMS RITE TRIMS & FUNCTIONS

Exit Device Series #	Lever #, Type	ANSI/BHMA Functions
3100, 8200, 3300, 8100, 8300, 8400, 3600, 8500, 8600, 3700, 8700, 8800, 3900, 8900	3081 Modern, 3082 Tubular, & 3083 Traditional	2, 8, 9, & 14
Exit Device Series #	**Pull #, Type**	**ANSI/BHMA Functions**
3900, 8900, 3700, 8700, 3600, 8500, 3300, 8300, 3100, 8100	3001 Tubular & 3002 Flat	2 & 3

Exit Device Series #	Thumbturn	ANSI/BHMA Functions
3100, 8200, 8300, 8100, 8400, 8500, 8600, 3700, 8700, 8800	8066	11 & 12

Exit Device Series #	Rim Cylinder
3100, 8100, 8200, 3700, 8700, 8800	8736
Exit Device Series #	**Mortise Cylinder**
8800, 3900, 8900, 3700, 8700, 8600, 8500, 3600, 8400, 3300, 8300, 8200, 3100, 8100	4036-01
Exit Device Series #	**Escutcheon**
3600, 8500, 8600	8650

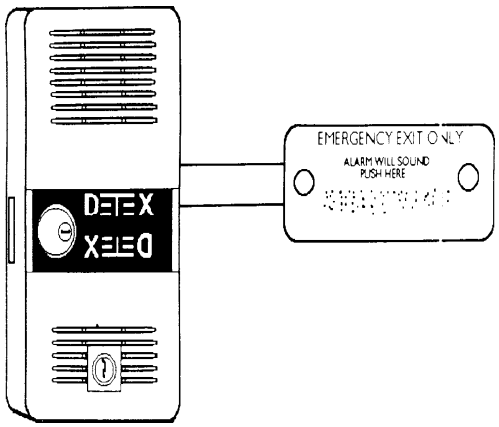
Exit Alarms - EA-500
Battery Powered Surface Mount
Door Alarm



The Detex EA-500 Series Exit Alarm's surface-mount, slim line design blends with architectural decor and is easy to install using ordinary tools. This low-cost, self-contained door alarm employs a 95-decibel, directional piezo horn to warn of unauthorized use of a door.

FEATURES/OPTIONS

* Non-handed
* Accepts most 5-pin rim cylinder
* One alarm can monitor 2 doors using Detex MS-2049 switches.
* Adapts easily to narrow stile doors and frames
* Bypass key can temporarily disarm the unit.
* Case and internal mounted piezo horn resist tampering
* Low battery alert detector.
* Reverse battery protection .
* Automatic re-arming .
* Alarm is triggered by reliable magnetic switching.
* 90º detent prevents the removal of the control key when disarmed
* Adjustable time delay (5-30 seconds)
* Optional Feature - electronic closed loop circuit operation - alarm will sound if wires to the external sensor are cut
* One year limited warranty
* Shipped with sensor kit, install instructions, mounting templates, screws, 9v alkaline battery, warning sign for door and operating instructions.
* OKC-Outside Key Control optional



ECL-230D
Exit Control Lock

The ECL-230D is a single point deadbolt locking device that deters unauthorized entrance from the outside while allowing emergency egress from the inside. Includes a high decibel alarm which commands attention even in high noise environments.

FEATURES/OPTIONS

* Single point, saw-resistant deadbolt locking with inside/ outside key control bypass capability.
* 100 dB alarm.
* Remote signal capability optional.
* Exit bar captions available in different languages.
* Can be converted to AC operations with BE-961 Battery Eliminator
* Extended bar for 1'8" and 4'0" wide doors.
* Can be mounted on the latch side of a right or left handed doors
* Long or short bars available
* Power specifications include a 9v standard and has a dry contact RIP signal.
* Die-cast aluminum alloy housing.
* Meets ADA requirements.
* UL Listed Panic Hardware-988N
* California State Fire Marshall approved 4140-0127:102
* Meets city of New York MEA—142-95-E

DETEX VALUESERIES™ ALARMED EXIT DEVICES

V40xEB (9-volt battery)
V40xEH (12-volt AC powered)



Priced to be the best value for durable and attractive loss prevention hardware. Provides reliable loss prevention protection 24-hours a day. Rugged, durable design reduces maintenance.

FEATURES/OPTIONS

* Stainless steel self-latching bolt.
* Tamper-resistant housing.
* 100+ decibel alarm.
* Adjustable re-arming feature for variable time re-arm.
* Low-battery alert.
* Delayed arming feature.
* Red flashing LED alert when not armed.
* Base plates available in brushed aluminum and black anodized finishes.
* Push pad in solid black and red with white lettering. (also available in green w/ white lettering in several languages.)
* Options and trims for use on 3' and 4' doors.
* Available in two strike options, surface and semi-mortise.
* Available in several configurations, with different strikes, outside trims, alarms, security options, signage and finishes.
* UL Listed panic and fire exit hardware, Grade 1. 3-hours.
* UBC 97, standard 7-2 (Positive Pressure) coded
* Exceeds Life Safety, ADA, CA Title 19, ANSI/BHMA requirements and all building codes.
* 3-year warranty
* Options include: Auto Re-arm, Through-Door Mounting kit, Key Stop, Security Screw Kit, Glass bead & Narrow Stile Door kits, Remote Signaling, Outside key control, Weatherized, Delayed Egress, Electronic Switching, Electronic Integration devices

DETEX ADVANTEX®



The new ADVANTEX ™ panic and fire exit hardware features cutting edge design and technology. The tough stainless steel construction stands up to the severe environments found in schools, universities and hospitals.

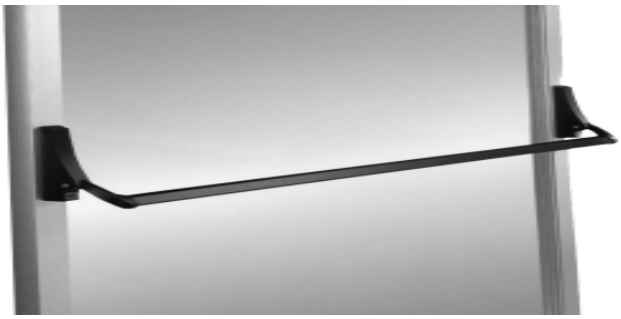
FEATURES/OPTIONS

* Stainless steel wrap over heavy ribbed aluminum extrusion.
* Non-handed.
* Simple retrofit to other manufacturers' equipment with change of backplate.
* Durable angled endcap deflects damage away from the device.
* Hex key or cylinder dogging.
* Exceeds Life Safety, ADA, California Title 19 and BHMA Grade 1 requirements.
* UL listed fire rated for three-hours up to 4'0" x 10'0" single doors and pairs of 4'0" x 8'0" when used with our F90KR keyed removable mullion
* Available for standard (4-1/2") & narrow (2") stiles.
* Exit Alarm option-9volt DC or 12 volt AC (easily conversion)

DOR-O-MATIC

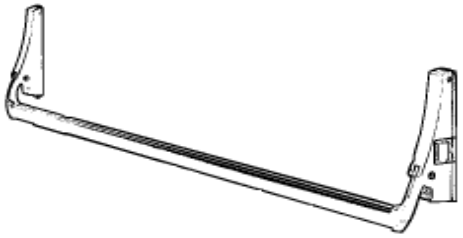
SERIES 1990

CROSSBAR DEVICE
CONCEALED VERTICAL ROD



* The slender, attractive appearance disguises a rugged traditional crossbar exit device.
* Finishes: standard acrylic aluminum finishes (clear, dark bronze and black)
* Ideal for aluminum doors, with stiles as narrow as 1-3/4".
* Equipped with hardened steel latches.
* Adjustable strike
* Concealed mounting screws
* Field adjustable width
* U.L. Listed 305
* Exterior cylinder dogging
* Internal silencers for quiet operation.

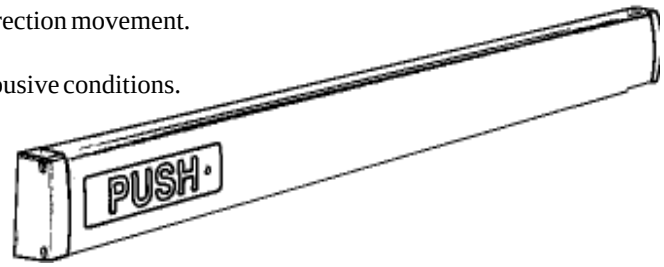
SERIES 2090 CROSSBAR DEVICE
RIM LATCH



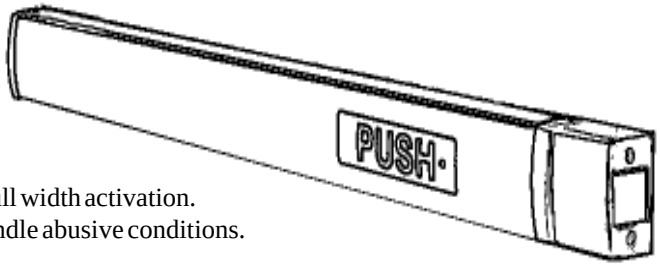
* Uses identically sized active and inactive housings for a balanced appearance.
* Designed for tough entrance conditions.
* Equipped with a 1/2" throw, steel latch bolt.
* Can be mounted on door stiles as narrow as 1-3/4".
* Removable mullions are available for applications on pairs of doors.
* Surface mounted strikes for full frame or blade type stops
* Field adjustable width
* U.L. Listed 305
* Internal silencers for quiet operation.

SERIES 1490 TOUCHBAR DEVICE
CONCEALED VERTICAL ROD

* School quality exit device, that meets the rigorous demands of high traffic entrances.
* This slimline device is only 3" in height with a 2-3/4" projection.
* Runs the full width of the door and operates in a comfortable, single-direction movement.
* Combines hardened steel latch bolts with full width activation.
* Equipped with all steel drive mechanism and concealed fasteners for abusive conditions.
* Quarter turn dogging
* Simplified cartridge mounting for most standard rim cylinders.
* Durable metal end caps
* Silencer package
* Rod extension kits for doors 7' to 10' are available.
* U.L. Listed and Grade 1 ANSI approved.



SERIES 1590 TOUCHBAR DEVICE
RIM LATCH



* Features a 3/4" throw latch bolt and the unique TD35 strike, for universal applications.
* Ideal for all door types (aluminum, hollow metal, or wood)
* Can be mounted on door stiles as narrow as 2" in width.
* Completely reversible and non-handed with hold-down dogging and full width activation.
* Equipped with all steel drive mechanism and concealed fasteners to handle abusive conditions.
* Quarter turn dogging
* Simplified cartridge mounting for most standard rim cylinders.
* Durable metal end caps.
* Silencer package
* U.L. Listed and Grade 1 ANSI approved.

1690/1790 Series
TOUCH BARS

1690 Series - Concealed Vertical Rod
1790 Series - Rim Latch



1690



1790

* Centercase provides a clear indication of direction of egress and completely covers the existing 1990 or 2090 prep
* Black powder-coated centercase cover and end caps
* Metal end caps
* Single point dogging
* UL for Life Safety
* Meet the requirments of ANSI Grade 1
* Designed for Aluminum doors.
* Two year warranty
* Finishes: Clear, Black, Dark Bronze

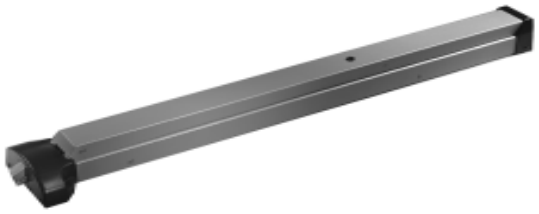
5000 SERIES
NARROW STYLE WITH SHORTENED TOUCHBAR



The narrow style chassis design permits installation on narrow stile doors where a standard device might not fit. The smooth projection touchbar assembly minimizes catch hazards. The partial length touchpad permits field installation of options such as cylinder dogging and exit alarms. A full compliment of trim available.

FEATURES/OPTIONS

* Available in mortise, surface vertical rod, surface vertical rod (less bottom rod), and concealed vertical rod devices
* All devices are constructed of heavy gauge solid wrought materials.
* All surface vertical rod devices shall have pullman type latchbolts for top with a round slide bolt bottom. Deadlocking latchbolts have 3/ 4" throws. All devices furnished with appropriate mounting hardware.
* UL and cUL - UL 10c and UBC 7-2 (1997) positive pressure testing
* Meets ANSI/BHMA A156.3 for Grade 1
* Options include: mortise cylinder (CD), Fire-rated, Rigid trim (R), Clutch style lever trim (C), Battery Powered Exit Alarm (BPA), Direct Wired Exit Alarm (DWA), Top Rod Extension (ETR), Glass Lit Shim Kit (GK5000), Less Bottom Rod (LB), Latch Monitor (LM), Monitor switch (MS), Pullman bottom latch (PB), Sex Nuts (SNB) Aluminum door brackets (ALD), TORX Security Screws (SEC)



8000 SERIES TOUCHBARS WITH DEADLOCKING LATCHBOLTS

The DORMA 8000 Series exit devices with deadlocking latchbolts minimize forced entry while offering a low-cost solution to life safety requirements.

FEATURES/OPTIONS

* Covers and end caps are black base material ABS thermoplastic
* Styles include: Rim, Surface Vertical Rod
* Strikes furnished stadard-optional strikes available
* Non-handed (Model 8300) or Handed but field-reversible (Model 8400)
* Hex Key Dogging
* Fits doors 1-3/4" to 2-1/4" thick
* UL Listed for Hazard. Optional UL Listing for labeled fire doors
* 5 year mechanical warranty
* Options available: Battery Powered Exit Alarm (BPA), Direct Wired Exit Alarm (DWA), Cylinder Dogging (CD), Latch Retraction (ES), Top Rod Extention (ETR), Glass Lite Shim Kit (GK8000), Less Bottom Rod (LB), Latch Monitor (LM), Monitor Switch (MS), Pullman Bottom Latch (PB), Sex Nuts (SNB), Rigid Trim (R), Clutch Style Lever Trim (C)

9000 SERIES
HEAVY-DUTY TOUCHBARS



The heavy-duty cast chassis provides superior durability while the smooth reduced projection touchbar assembly minimizes catch hazards. The partial length touchpad permits field installation of options such as cylinder dogging and exit alarm. Ideal for schools, universities and other institutional or commercial buildings.

FEATURES/OPTIONS

* Touchbar, rail and cover assemblies are heavy gauge solid wrought materials
* Hex-key dogging standard
* Deadlocking latchbolts with 3/4" throw
* Furnished with appropriate mounting hardware
* Finishes: Aluminum, Bronze, Dark Bronze, Gold, Stainless Steel
* Some models handed, depending on outside trim and function
* 5 year warranty
* Styles include: Rim, Top Vertical Rod, Vertical Rod, Mortise, Concealed Vertical Rod
* UL and CUL listed. UL 10C and UBC 7-2 (1997) positive pressure testing
* ANSI/BHMA Certified A156.3 for Grade 1.
* Options include: Rigid Trim (R), Clutch Style Lever Trim (C), Battery Powered Exit Alarm (BPA), Direct Wired Exit ALarm (DWA), Cylinder Dogging (CD), Latch Retraction (ES), Top Rod Extention (ETR), Glass Lite Shim Kit (GK9000), Less Bottom Rod (LB), Latch Monitor (LM), Monitor Switch (MS), Pullman Bottom Latch (PB), Sex Nuts (SNB)



1085 CONCEALED VERTICAL ROD PANIC EXIT DEVICE

Designed for use in 1-3/4" narrow stile aluminum doors. Also used with medium and wide stile doors.

FEATURES/OPTIONS

* Concealed fasteners.
* Extra-heavy duty lever arms and bodies.
* Independent bolt action, with 5/8" throw.
* Dual dogging features.
  (by key in cylinder from outside)
  (by slotted dogging pins under inside pads.)
* Non-handed.
* Wear points insulated by nylon sleeves and rollers.
* Contoured cross bar
* Doors requiring entrance by key, use cylinder mounting pad #30-821J (#86).
* Uses standard mortise cylinder, (not furnished), with maximum security type cam.
* Meets UL Listing #305.
* Body and Arm: High tensile strength aluminum.
* Cross bar: Extruded aluminum.
* Internal Parts: Stainless and plated steel.
* Finishes: Aluminum and Dark Bronze.

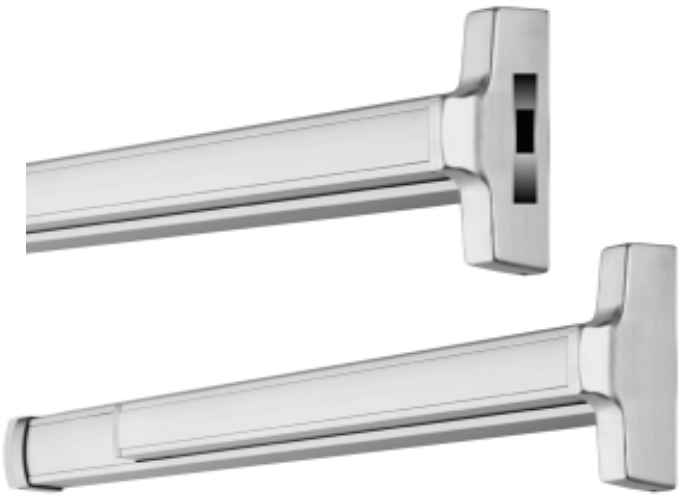


1095 RIM PANIC EXIT DEVICE

Single doors - suitable for aluminum, hollow metal or wood doors (must specify when ordering).
For wood doors - kit #30-894 required.
Pair of doors: #896 removable mullion necessary

FEATURES/OPTIONS

* Concealed fasteners.
* Extra-heavy duty lever arms and bodies.
* Nylon bushings at arm pins
* Dual dogging features.
  (by key in cylinder from outside)
  (by slotted dogging pins under inside pads.)
* Handed. Non-reversible.
* Adjustable strikes.
* Contoured cross bar made of extruded aluminum.
* Standard rim cylinder (not furnished) can be applied directly to door. No cylinder mounting pad necessary.
* Dual operating functions:
  -Regular-key removable in unlocked position.
  -Night latch-key removable in locked position only.
* Finishes: Aluminum and Dark Bronze.
* Body and Arm: High tensil strength aluminum.



2085 CONCEALED VERTICAL ROD/ 2095 RIM PANIC EXIT DEVICES

FEATURES/OPTIONS

* Handed
* Available for use with standard 1-3/4" and 2" thick doors
* 3/4 inch throw-deadlocking latchbolt
* Optional Cylinder Dogging
* Soft touch smooth action push pad
* Quick and simple installation
* UL Listed for panic hardware
* Finishes: Dark bronze and Satin Aluminum
* 2085 Series available w/either Top Latch or Top Bolt Locking design
* 2085 Series use #30-821J cylinder mounting pad for keyed entry

MONARCH



MONARCH 19 SERIES

When low cost and dependability are essential. A dependable workhorse, the 19 Series exit device is an economical answer to a variety of exit needs.

Available in "B" label (1-1/2 hour) fire exit construction. Finishes include M13 powder coated dark bronze, SS/26D stainless steel/chrome and MAL powder coated aluminum. The 19 Series comes with a full complement of trims and electronic features. Available in Vertical Rod or Rim styles.

SARGENT 80 SERIES EXIT DEVICES FEATURES:

The following features apply to all Sargent 80 Series Exit Devices.

* Full line of exit devices, including vertical rod, rim and mortise, standard and narrow designs.
* High impact resistant Lexan touchpad on rail assembly.
* Maximum 3" projection, minimum 2-1/8" push side.
* All Sargent exit devices can be masterkeyed or grand masterkeyed with any other Sargent product.
* High security Keso and Signature Series available.
* Rail assemblies and end caps are brass, bronze or stainless steel.
* Stainless steel springs throughout.
* Chassis mounted unit construction
* Simple lever principle with push type action. Easily disassembled.
* Rail travels in direction of door swing.
* Trim is thru bolted.
* Electric functions available. Consult Product Systems Manual.
* All exit devices meet ANSI standard 156.3, Grade 1.
* All exit devices are UL and ULC listed.
* All fire exit hardware for hollow metal door applications listed up to 3 hour (A label)
* All fire exit hardware for wood door applications listed up to 1-1/2 hour (B label)

SARGENT



8300 NARROW DESIGN MORTISE LOCK

SPECIFICATIONS

* Handed. Specify RHRB or LHRB
* Dogging: Allen-type dogging furnished standard. Cylinder dogging available.
* 900 series mortise lock
* C908 standard strike
* Brass, 6pin cylinder. Outside cylinder 41 mortise. Packed with trim
* Fire Exit Hardware available
* Electric Functions available.
* For wood or hollow metal doors 1-3/4" thick standard. Available for doors up to 2-1/4". Minimum stile requirement 4-1/2"
* Mounting: Supplied standard with wood and machine screws. Thru bolts and mortise nuts available.
* Chassis & Chassis Cover made of nonferrous alloy

SARGENT



8400 NARROW DESIGN CONCEALED VERTICAL ROD

SPECIFICATIONS

* Top and bottom bolts are stainless steel. Top and bottom bolts travel 7/16". Project adjustable up to 1".
* 650 top and bottom strikes standard.
* Fire Exit Hardware available.
* Electric Functions available.
* Specify door opening and mounting height of center line of rail when ordering any vertical rod exit device
* Opening height is 96" standard.
* For hollow metal or extruded aluminum doors. 1-3/4" minimum thickness. 1-3/4" minimum stile width required. Stile must be hollow with inside demension of at least 1-3/8" square.
* Mounting: Supplied standard with machine screws.
*Chassis & Chassis cover is nonferrous alloy.
* Handed. Specifiy RHRB or LHRB
*Dogging: Allen-type furnished standard. Available with cylinder dogging.



8500 NARROW DESIGN RIM

SPECIFICATIONS

* Stainless steel latchbolt, 3/4" throw
* 657 strike standard, alternate strikes 658 and 641 available.
* Brass, 6 pin cylinder standard. 34 rim cylinder. Cylinder adapter required, packed with trim.
* 650A prepped mullion with 658 stirkes. Aluminum; US28 finish
* Fire Exit Hardware not available.
* Electric functions not available.
* For wood, hollow metal or extruded aluminum doors. 1-3/4" minimum thickness. 1-3/4" minimum stile width required.
* Mounting: Supplied with wood and machine screws standard. Thru bolts and mortise nuts available.
* Chassis and Chassis Cover made of nonferrous alloy.
* Handed. Specify RHRB or LHRB.
* Allen-type dogging furnished standard. Cylinder dogging available.



8600 SERIES CONCEALED VERTICAL ROD

SPECIFICATIONS

* For hollow metal or aluminum (MD prefix) and wood (WD prefix) doors. 1-3/4" minimum thickness. 4-1/2" minimum stile width.
* Hollow metal and aluminum doors supplied with machine screws. Wood doors supplied with wood screws.
* Chassis is nonferrous alloy.
* Chassis Cover is cold drawn brass, bronze or stainless steel.
* Non-handed. Field reversible.
* Opening height is 96" standard.
* Allen-type dogging furnished standard. Cylinder dogging available.
* 650 top and 606 bottom Strikes.
* Stainless steel top and bottom bolts travel 7/16". Projection adjustable up to 1".
* Fire Exit Hardware available.
* Electric functions available.
* Specify door opening and mounting height of center line of rail when ordering any Vertical Rod Exit Device.
* Low profile models available.
* Center & Top Latch Concealed Vertical Rod models available.



8700 SERIES SURFACE VERTICAL ROD

SPECIFICATIONS

* For wood or metal doors. 1-3/4" thick standard. Special order for doors up to 2-1/4" thick. 4-1/2" minimum stile with trim and 3-1/2" minimum stile without trim. Max door height is 120". Consult factory for anything over.
* Supplied standard with wood and machine screws. Thru bolts and mortise nuts available.
* Chassis is nonferrous alloy.
* Chassis Cover is cold drawn brass, bronze or stainless steel.
* Handed. Specify RHRB or LHRB.
* Allen-type dogging furnished standard. Cylinder dogging available.
* 629 top and 624 bottom strikes. Alternate stikes available.
* Brass top and bottom bolts.
* 1/2" brass, bronze or stainless steel rods.
* Fire Exit Hardware available.
* Electric Functions available.
* Specify door opening and mounting height of center line of rail when ordering any Vertical Rod Exit Device.
* 90" standard opening height for Contract; 84" standard for TurboShip.

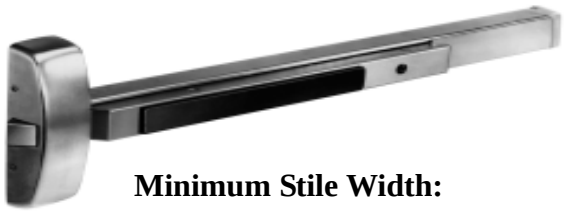
OPTIONS:

* Center & Top Latch Surface Vertical Rods for Pair of Doors
* Center & Top Latch surface Vertical Rods for Double Egress
* Center & Top Latch Surface Vertical Rods for Single Door Application
* Hurrican Code Surface Vertical Rods

8800 SERIES RIM

SPECIFICATIONS

* For wood or metal doors. 1-3/4" thick standard. Available for doors up to 2-1/4" thick.
* Supplied with wood amd machine screws standard. Thru bolts and mortise nuts available.
* Chassis is nonferrous alloy.
* Chassis cover is cold drawn brass, bronze or stainless steel.
* Handed functions: 16, 28, 62, 63, 66
* Non-handed functions: 04, 06, 10, 13, 15, 40, 43, 44, 46, 73, 74, 75, 76, 77, 78
* Allen-type dogging furnished standard. Cylinder dogging available.
* Stainless steel latchbolt, 3/4" throw.
* 641 strike standard. Alternate strikes available.
* Electric Functions available.
* Fire Exit hardware available.
* Huricane Code available.



Minimum Stile Width:

Strike	Backset w/ 5/8" Stop	FLW, MAL, & STS Trim	PTB Trim	ET Trim
Single Door				
641	2-3/4"	4"	4-1/2"	4"
613	2-1/4"	3-3/4"	4-1/2"	4"
642	2"	3-1/2"	4"	4"
649	2-3/4"	4-1/8"	4-1/2"	4"

Strike	Backset from ℄ of Mullen	FLW, MAL, & STS Trim	PTB Trim	ET Trim
Double Door x 980 Mullion				
641	2-7/8"	4-1/8"	4-1/2"	4-1/16"
Double Door x 12-980 Mullion				
649	3-1/4"	4-1/8"	4-1/2"	4"

8888 REVERSIBLE RIM

SPECIFICATIONS

* For wood or metal doors. 1-3/4" and 2-1/4".
* Chassis is nonferrous alloy.
* Chassis cover is cold drawn brass, bronze or stainless steel.
* Supplied standard with wood and machine screws. Thru bolts and mortise nuts available.
* Allen-type dogging furnished standard.
* Stainless steel latchbolt, 3/4" throw.
* 641 standard strike. 649 Fire rated strike.
* Fire Exit Hardware available.
* Trim: Rose & Lever, ET or PTB
* Functions: 04, 10, 13, 15



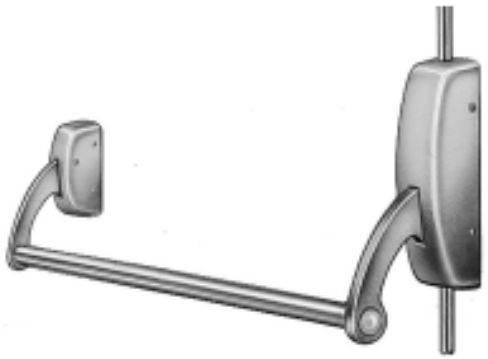
8900 MORTISE LOCK

SPECIFICATIONS

* For wood or metal doors. 1-3/4" thick standard. Available for doors up to 2-1/4" thick. Minimum stile requirement is 4-1/2"
* Supplied with wood and machine screws standard. Thru bolts and mortise nuts available.
* Chassis is nonferrous alloy.
* Chassis cover is cold drawn brass, bronze or stainless steel.
* Handed. Specify RHRB or LHRB.
* Allen-type dogging furnished standard. Cylinder dogging available.
* 900 Series Mortise Lock
* C908 standard strike. Alternate strikes available.
* Fire Exit Hardware available.
* Electric functions available.



9898 SERIES REVERSIBLE RIM TYPE



SPECIFICATIONS

* For wood or metal doors. 1-3/4" thick standard. Available for doors up to 2-1/4" thick. Consult factory for other door thicknesses. 4-1/8" minimum stile.
* Supplied with wood and machine screws standard. Thru bolts available.
* Chassis is nonferrous alloy.
* Chassis cover is brass, bronze or stainless steel.
* Crossbar is 1" brass, bronze or stainless steel tubing. Steel reinforcement available.
* Non-handed.
* Allen-key dogging standard
* Trim: STS, PTB

20 SERIES EXIT DEVICES FEATURES AND APPLICATIONS

FEATURES:

* Rugged exit device in surface vertical rod and rim designs
* Chassis mounted unit construction assures easy installation and maintenance
* Available in four different functions
* UL Listed
* UL Listed to Canadian safety standards.
* Available as Fire Exit Hardware

APPLICATIONS:

Single Door:
- Vertical Rod Type 2727
  Surface applied 2 point lock
- Rim Type 2828
  Surface application.

Pairs of Doors with 980 Mullion:
- Rim Type 2828 - 2 Each &
  980 Mullion - 1 Each
  Two independent active doors with full double door opening when required.

Pairs of Doors without Mullion:
- Vertical Rod Type 2727 - 2 Each
  Surface applied 2 point locking both doors. Each door active. Do not use an overlapping astragal.

Pairs of Doors without Mullion:
- Vertical Rod Type 2727 - 1 Each
- Rim Type 2828 - 1 Each
  Both devices are surface applied. A coordinator is recommended.

3727 VERTICAL ROD TYPE



SPECIFICATIONS

* Non-handed. Reversible. Device is packed standard LHRB.
* Brass latchbolt.
* 629 top strike, 624 bottom strike.
* Allen-type key dogging furnished standard.
* Fire Exit Hardware available
* Finishes: PEB, PED, PEN, PEAB
* Vertical rods fit up to 90" doors furnished standard. 84" doors on Turboship.
* For doors 1-3/4" thick standard
* Available outside trims: GTB, HTB, OB, LB, LL, LP or TP
* Wood and machine screws furnished standard. Thru bolts and mortise nuts available.
* Chassis and chassis cover is nonferrous alloy.
* Roll formed steel rail assembly.
* High impact black Lexan end cap.

3828 RIM TYPE



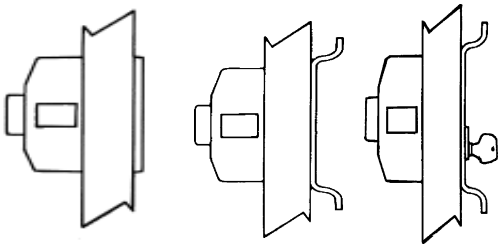
SPECIFICATIONS

* For doors 1-3/4" thick standard. 4-1/2" minimum stile width required for single or double door applicaiton using standard 641 strike.
* Available outside trim: GTB, HTB, OB, LB, LL, LP or TP
* Wood and machine screws furnished standard. Thru bolts and mortise nuts available.
* Chassis and chassis cover is nonferrous alloy.
* Roll formed steel rail assembly.
* High impact black Lexan end cap.
* Non-handed.
* Stainless steel latchbolt. 3/4" throw.
* Brass cylinder. 6-pin standard. Rim type.
* 641 strike packed standard.
* Allen-type key dogging feature furnished standard.
* Fire Exit Hardware available.
* Finishes: PEB, PED, PEN, PEAB

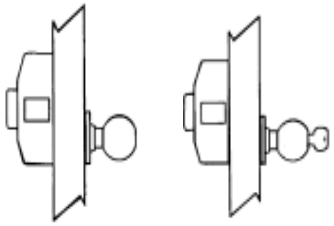
SARGENT

TRIM AND ACCESSORIES

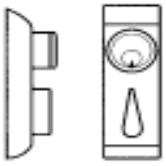
Functions: 04, 10, 28, 62, 63, 66, 70, 71



E-GTB D-GTB K-HTB



L-OB K-OB & C-OB



Vertical Rod Tim Auxiliary Outside Control

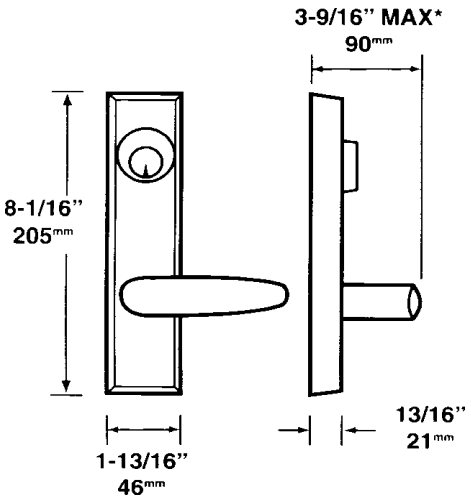
Can be used with SARGENT Mortise Cylinders. Size 41 cylinder standard. Control operates with a turn lever allowing use with a door pull.

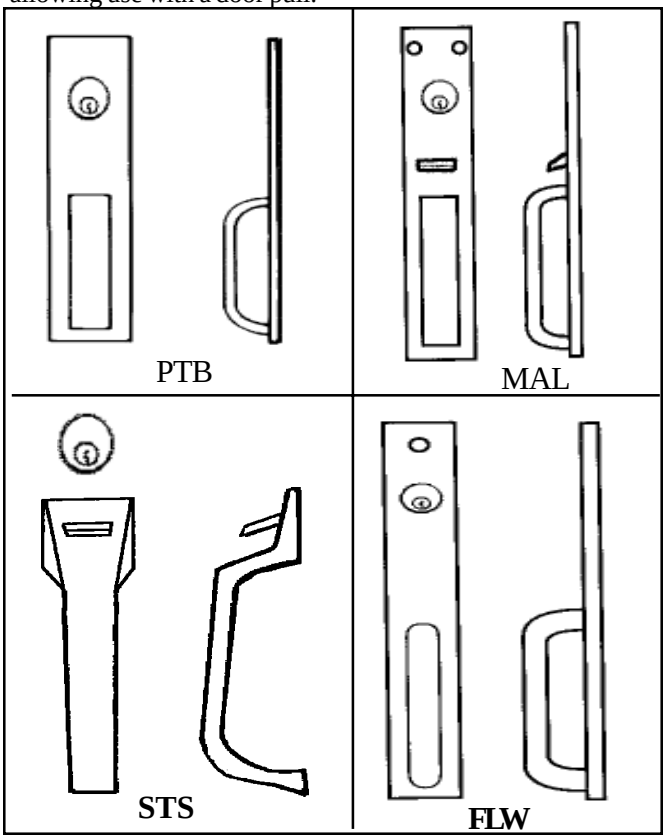


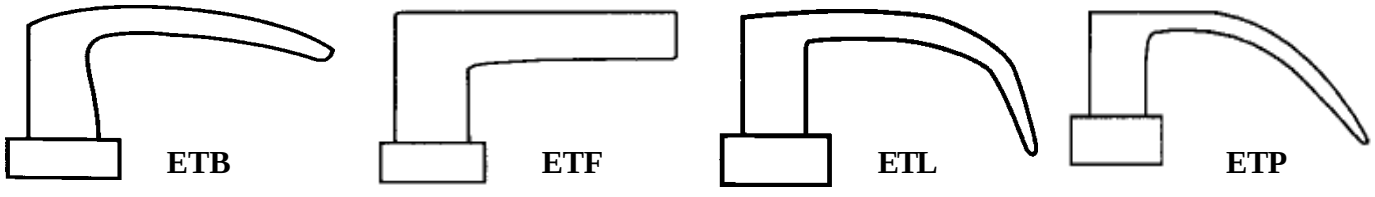
ET COVER PLATE

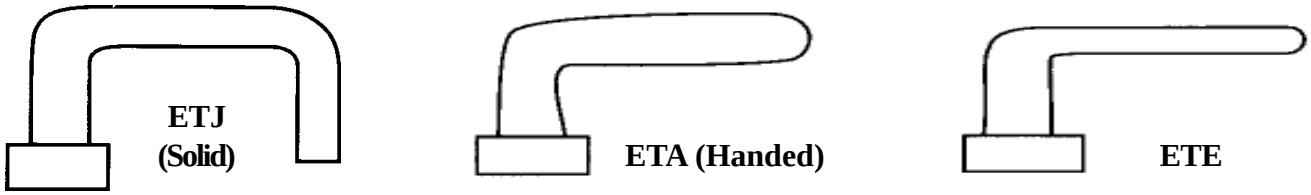
For all ET Functions. Designed to be mounted behind the ET control to cover a stock hollow metal cutout.

ET LEVER CONTROLS & LEVER TYPES











22 SERIES RIM & RIM SURFACE MOUNTED VERTICAL ROD

22 Rim device is for all types of single and double doors with mullion, UL Listed for accident hazard installations. 22 Rim model fits door stiles as narrow as 3-13/16" and 22 surface vertical rod fits door stiles as narrow as 3-5/8".

FEATURES/OPTIONS

* An economical alternative, incorporating a modern touchbar for rim and surface vertical rod styles.
* ANSI: Conforms to A156.3, 1984, Grade 1.
* U.L. Listed Panic Hardware (FVSR) SA163 (N). Fire devices (F) are U.L. Listed Fire Exit Hardware (GXHX) R4504 (N), A label.
* Non-handed.
* Field sizeable.
* 3/4" throw latch bolt.
* Latch bolt deadlocking.
* Hex Key dogging.
* Finishes: Sprayed Aluminum and Sprayed Dark Bronze.
* Exit Alarm Kit: #22ALK. Monitors the use of an exit by addition of internal horn and LED indicator.

Available Trim:
(see diagrams at end of Von Duprin section)
110,
210K, 210NL, 210DT
230L, 230TP, 230NL, 230EO, 230DT



33 SERIES TOUCHBARS

The 33 Series exit devices incorporate contemporary design and durability for the discriminating buyer. Available in rim, surface and concealed vertical rod mountings. For all types of doors, even door stiles as narrow as 1-3/4".

The **Quiet One®** is furnished standard on series 33 exit devices. A fluid damper that decelerates the push pad on its return stroke and eliminates most noise associated with operation.

Available Trim:
(see diagrams at end of Von Duprin section)
333NL-TP, 333DT, 334, 370L,
374T x 333DT, 376T x 333DT

FEATURES/OPTIONS

* ANSI: Conforms to A156.3, 1984, Grade 1
* UL Listed Panic Hardware (FVSR) SA163(N). Fire devices (F) are UL Listed Fire Exit Hardware (GXHX) R4504 (N), A Label
* Non-handed
* Field sizeable
* 3/4" throw latch bolt
* Hex Key dogging
* Grooved mechanism case
* Aluminum and Dark Bronze Finishes
* Options: Signal Switch, Electric Latch Retraction, Request to Exit
* Latchbolt Monitor
* ALK Alarm Kit



55 SERIES CROSSBARS

The 55 Series capture the aesthetic beauty of the best looking exit devices on the market. They incorporate a traditional crossbar design with wide acceptance because of the streamline appearance. Available in rim, mortise, and concealed vertical rod mountings. For all types of doors and fits stiles as narrow as 1-3/4".

Available Trim:
(see diagrams at end of Von Duprin section)
376T, 550DT, 555NL

FEATURES/OPTIONS

* Traditional design-ideal for new or restoration projects
* 3/4" throw latchbolt
* Hex key dogging
* Furnished with standard 1409 strike
* Conforms to ANSI A156.3, 1984, Grade 1
* UL Listed Panic Hardware (FVSR) SA163 (N). Fire devices (F) are UL Listed Fire Exit Hardware (GXHX) R4504 (N), A Label
* For all types of single and double doors with mullion, UL Listed for accident hazard installations
* Field sizeable

88 SERIES CROSSBARS



The 88 Series incorporate a traditional crossbar design with proven service on rugged applications. Available in rim, mortise, surface and concealed vertical rod mountings. For all types of flush and side stile doors, and fits 86 and 161 stock hollow metal cutouts.

FEATURES/OPTIONS

* Conforms to ANSI A156.3, 1984, Grade 1
* UL Listed Panic Hardware (FVSR) SA163 (N). Fire devices (F) are UL Listed Fire Exit Hardware (GXHX) R4504 (N), A Label
* Fully reversible
* Field sizeable
* 3/4" throw latch bolt
* Hex key dogging
* Finish: US4 and 26D

Available Trim:

(see diagrams at end of Von Duprin section)

88EO-R, 373L
608DT, 608NL, 608TP-R
880K-R, 880NL-R, 880TP-R, 880 DT-R

98/99 SERIES TOUCHBARS



The 98/99 Series incorporate modern touchbar styling for heavy traffic applications. Available in rim, mortise lock, surface and concealed vertical rod mountings. Designed for use on flush and wide stile doors as narrow as 4-1/2". Also 161 stock hollow metal cutouts.

The **Quiet One®** is furnished standard on series 98/99 exit devices. A fluid damper that decelerates the push pad on its return stroke and eliminates most noise associated with operation.

Available Trim:

(see diagrams at end of Von Duprin section)

99NL, 99TP, 99DT, 991K, 99L, 374T, 99ALK

Additional Options:

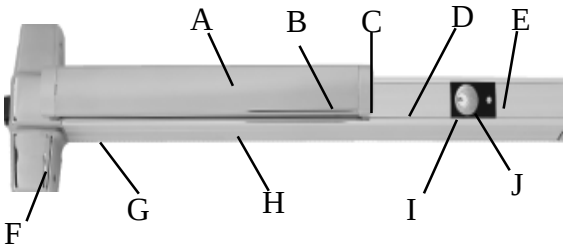
* Double Cylinder
* Cylinder Dogging
* Electric Mortise Lock
* Electric Rim Device
* Electric Latch Retraction
* Request to Exit Switch
* Signal Switch
* Dummy Push Bar

FEATURES/OPTIONS

* Conforms to ANSI A156.3, 1984, Grade1
* UL Listed Panic Hardware (FVSR) SA163 (N). Fire devices (F) are UL Listed Fire Exit Hardware (GXHX) R4504 (N), A Label
* Grooved mechanism case
* Non-handed & field sizeable
* 3/4" throw latch bolt
* Hex key dogging
* Finishes: US10, 26D, 28, 313

CHEXIT
CONTROLLED EXIT DEVICE

Designed for use on delayed exit applications the CHEXIT system is ideal for highly controlled areas. All controls, auxiliary locking, local alarm and remote signaling are self-contained in the unit providing safe, secure, easy to install and simple to operate door control exit hardware. This style of delayed exit systems combines life-safety with the needs of security.



A-Remote Alarm
B-Nuisance Alarm
C-Door Position Input
D-Fire Alarm Input
E-External Inhibit Input
F-Internal Auxiliary Lock
G-Internal Horn
H-Request to Exit Switch
I-Key Switch
J-Indicator Lamp

FEATURES/OPTIONS

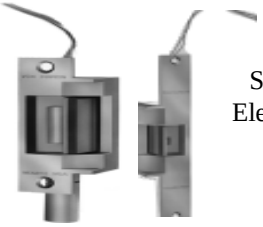
* For use on Accident Hazard or Fire Exit Hardware
* Conforms to ANSI A156.3, 1984, Grade 1.
* Meets all requirements of NFPA 101, Special Locking Arrangement
* Finishes: US3, US4, US10, US26, US26D, US28, 313
* UL/CUL listed "Controlled Exit Panic Device" (FUKD) SA8972, "Special Locking Arrangements (FWAX) SA8170 and as Fire Exit Hardware (GXHX) R4504 A Label

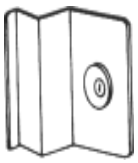
VON DUPRIN
TRIM & ACCESSORIES


110 Cylinder Trim

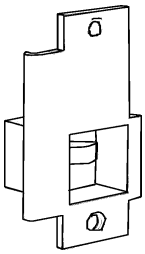

210DT

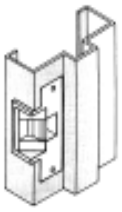

210K

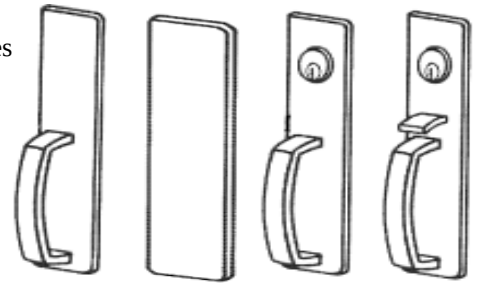

Series 6000
Electric Strikes

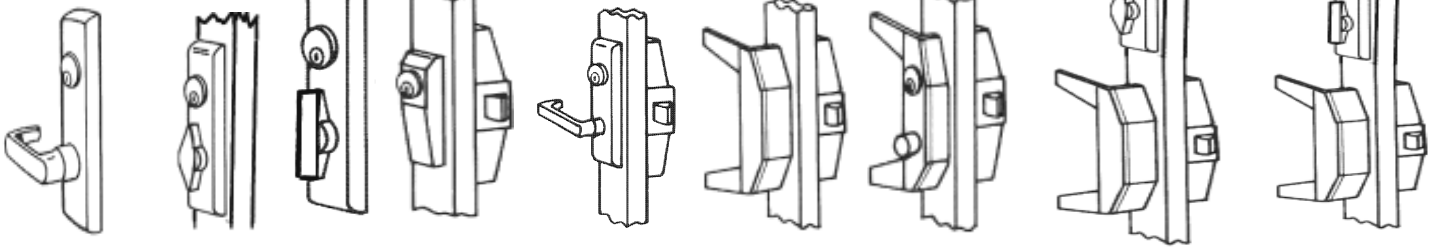

210NL

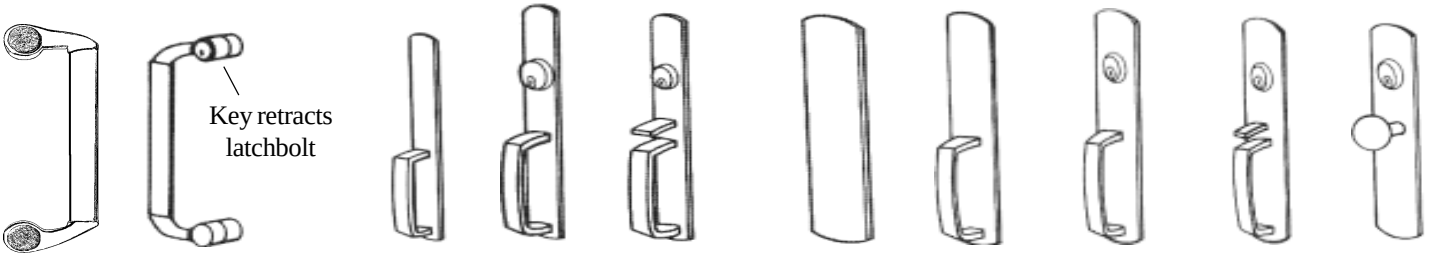

230L



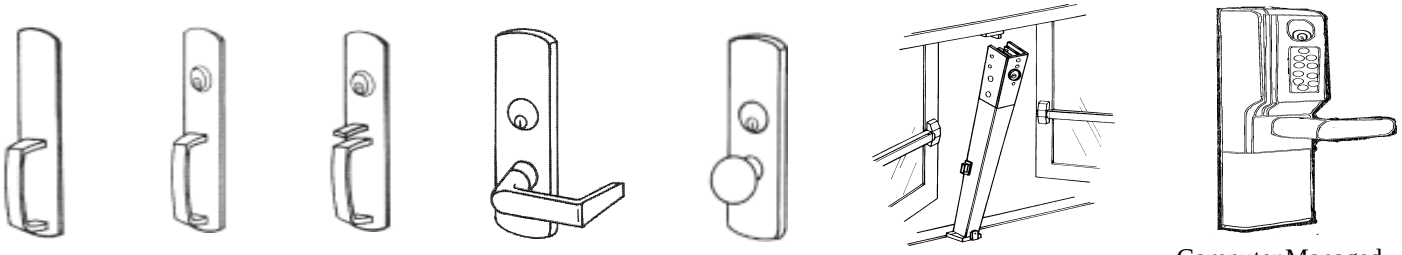

Monitor
Strikes


230DT 230EO 230NL 230TP


373L 374T 376T 334 370L 333DT 333NL-TP 374 x 333DT 376 x 333DT



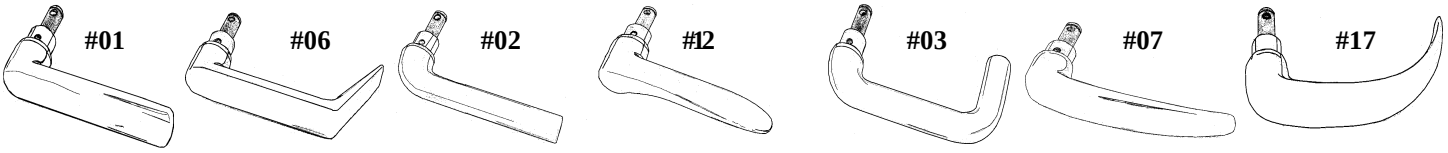
550DT 555NL 608DT 608NL 608TP-R 88EO-R 880DT-R 880NL-R 880TP-R 880K-R


990DT 990NL 990TP 992L 991K

Keyed Removable
Mullion

Computer Managed
CM993 Trim

LEVER STYLES



NOTES

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DETEX®

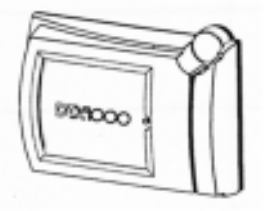
DTX-1000 SERIES



DTX-1100



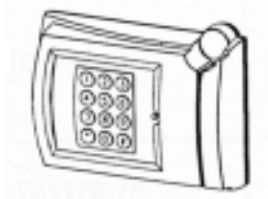
DTX-1150



DTX-1200



DTX-1250



DTX130



DTX-1350

Model #	Description
DTX-1100	Access Control Keypad
DTX-1150	Access Control Keypad with Anti-tamper switch, conformal coated board and thermostatic heater
DTX-1200	Access Control Cardreader
DTX-1250	Access Control Cardreader with Anti-tamper switch, Conformal Coated Board & thermostatic heater
DTX-1300	Access Control Keypad plus Cardreader
DTX-1350	Access Control Keypad plus Cardreader with Anti-tamper switch, conformal coated board and thermostatic heater

OPTIONAL FEATURES

Option #	Description
ATS	Anti-Tamper Switch - This Form C relay output is used to signal an external alarm system when the case is pried open or opened without an authorized code or card.
CCB	Conformal Coated Board - Used in wet-weather conditions. The coating will prevent chemical residue buildup from affecting the board.
HTR	Thermostatic Heater - For use in colder climates to keep the electronic circuitry operating properly.
OHP	Omit Handheld Programmer from DTX1200 or DTX1250
120	120V/12V Transformer (PP-5152-3) to be packaged in carton
240	240V/12V Transformer (PP-5452-2) to be packaged in carton
101121-3	Standard Detex Cards (1-99; 100-499; 500-999, & 100 & up)
DS-1697	Printer Interface Cable (25', 50' and 75' lengths)
101178-75	PC Interface Package - Software & 75 foot Cable

PROENTRY™ ACCESS SYSTEMS

IR LOCKNETICS

ProEntryÔ keypads feature an on-board, microprocessor based controller, which eliminates the need for a separate controller or software. Users can be added, changed or deleted directly at the access control point via the keypad. The simplified design is ideal for smaller installations with a limited number of users and access points and uncomplicated access control management needs.

Hardwired ProEntryÔ keypad systems are engineered for compatibility with virtually all electric locking devices. Battery-powered units are compatible with battery-powered cabinet locks and strikes available from Locknetics.

IR Security & Safety offers a complete line of PRO products, which provide a wide array of new solutions for your access control needs. These state-of-the-art PROgrammable products offer a package solution that can secure a single door…or an entire building.



Locknetics On Board

FEATURES

- On-board controller
- Pro Plus Keypads – 120 code capacity
- Weather resistant for interior or exterior applications
- Narrow or single gang electrical box applications
- Red and Green LEDs
- Pro Keypads – 20 code capacity
- Easily programmed at keypad
- Multiple functions available: user, toggle, lockout, one-time use
- Anti-tailgate ProPlus keypads
- Available hardwired or battery-powered

SPECIFICATIONS

	PRO78	PRO78+	PRO79	PRO79+
KEYPAD	Stainless Steel Button	Stainless Steel Button	Stainless Steel Button	Stainless Steel Button
HOUSING	Lexan	Lexan	Lexan	Lexan
KEYPAD SIZE	4-1/2"Hx1-3/4"x11/16"D	4-1/2"Hx1-3/4"x11/16"D	4-1/2"Hx2-3/4"x11/16"D	4-1/2"x2-3/4"x11/16"
APPLICAITON	All purpose, narrow	All pupose, narrow	All pupsoe, single mount, box mount	All purpose, single mount, box mount
	Controller on-board	Controller on-board	Controller on-board	Controller on-board
USER CODES				
Length	3-7 digits	3-7 digits	3-7 digits	3-7 digits
Maximum Capacity	20	120	20	120
CODE FUNCTIONS				
Normal	Yes	Yes	Yes	Yes
Toggle	Yes	Yes	Yes	Yes
Lockout	Yes	Yes	Yes	Yes
One-Time Use	Yes	Yes	Yes	Yes
BATTERY POWERED available	Yes	Yes	Yes	Yes
HARDWIRED available	Yes	Yes	Yes	Yes
HARDWIRED FEATURES				
Current draw	<100mA	<100mA	<100mA	<100mA
Operating voltage	12 - 24VDC	12 - 24VDC	12 - 24VDC	12 - 24VDC
5A @ 30VDC output (dry contact)	Yes	Yes	Yes	Yes
Request to exit input	No	Yes	No	Yes
Door status input (for anti-tailgate feature)	No	Yes	No	Yes
Field selectable fail safe/fail secure	Yes	Yes	Yes	Yes

LOCKNETICS

MULTIPLE ACCESS CREDENTIAL READERS

Whether you need to manage a single door system or virtually unlimited numbers of doors, Locknetics provides a complete line of access control systems. Capable of supporting keypad codes, iButtons, ABA-standard magnetic stripe cards, and HID prox credentials, Locknetics allows end-users the greatest flexibility when designing and managing their facilities. A single source solution, Locknetics can provide the credential, device, controller, door hardware, and multiple programming options in an integrated package or as system components in facilities with existing investments.

KEYPADS

- 6-button keypads with integral iButton reader
- LED indicators
- Rugged construction, including high-traffic, anti-vandal models
- All-purpose, narrow-syle and single-gang, box-mount models
- Models available with various architectural finishes
- Electrostatic protected to 20KV
- LED indication for progrmming, entry status and self diagnostics
- Operating temp: -40 F (-40C) to +158 F (+70C)
- Keypad cable: 11 cond., 5" long with plug
- Ext. Cable: 3 or 11 cond., 24 AWG. 16' long
- Allowable cable exte3tension - 200' max



#KP74+

- Stainless steel buttons
- Cast stainless steel housing
- 6-3/4"H x 1-3/8"W x 7/16"D keypad size
- High-traffic, anti-vandal application



#KP76+

- Stainless steel buttons
- Lexan housing
- 7"H x 1-3/8"W x 7/16"D keypad size
- All purpose application



#KP77+

- Stainless steel buttons
- Lexan housing
- 4-1/2"H x 2-3/4"W x 11/16"D keypad size
- All purpose, single-gang, box mount application



#KP78+

- Stainless steel buttons
- Lexan housing
- 4-1/2"H x 1-3/4"W x 11/16"D keypad size
- All purpose, narrow application



#KP78+SF

- Stainless steel buttons
- Cast stainless steel housing
- 4-1/2"H x 1-3/4"W x 11/16"D keypad size
- All purpose, narrow application. Both keypad and housing are avilable in special archtechtural finishes.



#KP79+

- Stainless steel buttons
- Lexan Housing
- 4-1/2"H x 2-3/4"W x 11/16"D keypad size
- All purpose, single-gang, box mount application.



#KP79+SF

- Stainless steel buttons
- Cast stainless steel housing
- 4-1/2"H x 2-3/4"W x 11/16"D keypad size
- All purpose, single-gang, box mount application. Both keypad and housing are avilable in special archtechtural finishes.

LOCKNETICS

MAGNETIC STRIPE CARD READERS

- Fully compatible with ABA Track 2 or Track 3 standards
- Full-swipe design for maximum readability and reliability
- Up to three kinds of access control
- Available Link Access -- keypad code with card or iButton



#CR90 - Magnetic Stripe Card Reader w/Keypad & iButton

- Stainless steel buttons
- Lexan housing
- 10-7/16"H x 1-7/8"W x 1-5/8"D keypad size
- All purpose, narrow application



#CR91 - Magnetic Stripe Card Reader iButton Only

- Lexan housing
- 10-7/16"H x 1-7/8"W x 1-5/8"D keypad size
- All purpose, narrow application

iBUTTON READERS

- LED indicators
- Rugged construction -- stainless steel or Lexan housings
- All-purpose, narrow style and single-gang, box mount models
- Models available with various architectural finishes



#TR83 - iButton Reader

- Lexan face: 4-1/2" x 1-3/4" x 11/16"
- Cast stainless steel (shown), Black Lexan (standard), or Architectural finishes available
- All purpose, narrow application



#TR84 - iButton Reader

- Lexan face: 4-1/2" x 2-3/4" x 11/16"
- Lexan (shown), Black Lexan (standard), or Architectural finishes available
- All purpose, single-gang, box-mount application

HID PROXIMITY READERS

- Works with HID prox cards or fobs
- Up to three kinds of access control
- Readily integrates into exisiting HID systems
- Available Linked Access -- keypad code with prox or iButton



#PX95xKP78+ - Prox Card Reader with SelectEntry™

- Stainless steel buttons
- Lexan housing
- 10-7/16"H x 1-7/8"W x 1-5/8"D keypad size
- All purpose, narrow application



#PX95xTR83 - Prox Card Reader with iButton

- Lexan housing
- 10-7/16"H x 1-7/8"W x 1-5/8"D keypad size
- All purpose, narrow application

Recognition Systems®

BIOMETRIC HAND READER

Get network benefits in a stand-alone system.

Recognition Systems' HandKey® CM HandReader provides an easy, economical and convenient way to manage multiple access points and multiple users and collect an audit trail without expensive network wiring. The HandKey CM is a stand-alone door controller that can be programmed with LockLink™ or LockLink Express access control management software. It allows users to download information directly to and from the HandReader using a personal digital assistant (PDA) running Windows CE.



BENEFITS

- Network benefits without network wiring
- Fits seamlessly into existing Locknetics-On-Board sites
- Audit trails
- Access profiles
- Time zones
- Alarm outputs

STANDARD FEATURES

- LockLink programming interface or programmable through keypad
- 512-user memory
- Expandable to 1,000 users
- Door operation and monitoring
- Card reader input
- Tamper switch
- Integrated wall mount design
- Easily upgraded to networking model

HOW IT WORKS

Biometrics identify people by a unique human characteristic. Hand geometry uses the size and shape of the hand to verify a user's identity. Users enter their unique ID either through the keypad or with a card and present their hand for verification. The HandReader records 96 measurements of the hand including length, width and height of the fingers. The measurements are converted by mathematical algorithm into a 9-byte template that is compared with the previously captured template. The device does not use pal or finger prints, and verification time is less than a second.

Tens of thousands of RSI HandReaders are used all over the world in a host of applications that range from health clubs and daycare centers to laboratories and airports. By verifying the identity of the individual rather than just the cards, Recognition Systems HandReaders ensure that only those persons who are authorized gain access. In addition, since you hand is your key, the need for cards can be totally eliminated by entering an ID number in the integrated keypad. Therefore, the costly management of card systems, including lost or stolen cards, is non-existent.

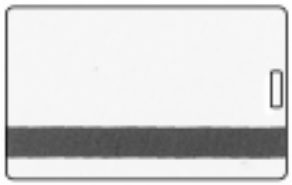
Recognition Systems®

Ingersoll-Rand provides a full line of products and options to complete your security solution.

CREDENTIALS



HID Proximity Card



ABA TRack 2 (optional Track 3) Mag Card

ENCLOSURES



HURRICANE

- **High-impact ABS plastic**
- **Direct weather environments**
- **Protection from driving rain**
- **Heater-equipped option**
- **-20°F (-29°C) to 120°F (49°C)**



TSUNAMI

- **Built to NEMA type 4 standards**
- **Heavy-gauge zinc-coated steel**
- **Weather-sealed door**
- **Heater-equipped option**
- **-45°F (-43°C) to 120°F (49°C)**

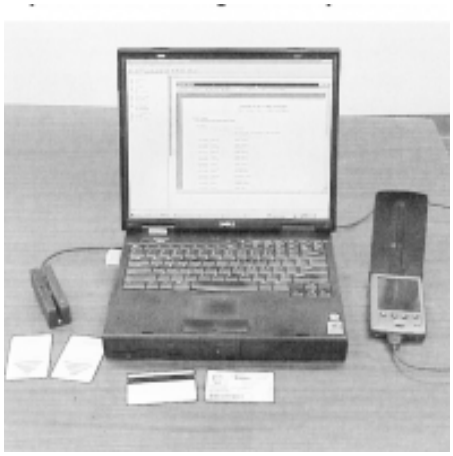
POWER SUPPLY AND BATTERY BACKUP

Battery backup can be housed locally in the HandKey CM (BB-200) and power can be provided through a wall outlet power supply (PS-110), both of which are available from Recognition Systems.

Alternatively, Locknetics 510 and 515 power supplies can provide power and battery backup for both the HandReader and the locking components, yielding a more elegant, cost-effective system solution. Select the Locknetics power supply that provides sufficient output current for all connected components. The HandKey CM uses 0.4 amps at 12 volts or 0.2 amps at 24 volts.

Specifically designed for use with the HandKey CM, the Wiegand Control Module (WCM) can further enhance security by placing all door controls on the secure side of the door. An encrypted signal containing door control information is passed from the HandKey CM to the WCM. The WCM is a plug-in PC card, featuring independent programmable relays for both door lock and door switch. The WCM is available from Locknetics for the 510 and 515 power supplies.

The HandKey CM has two programmable outputs that can be used to trigger a secondary device, such as a horn or camera. Wiring is made simple with a Locknetics Dual Control Module (DCM) or Relay Control Module (RCM) located within the power supply cabinet.



SYSTEM 1
Integrated Systems for OM2000 Magnetic Card System Users

Integrated System 1 includes everything necessary to administrer an OM2000 magnetic card reader system. Additional Track-2 or Track-3 cards are available as desired.

INCLUDES

- Windows® compatible Laptop computer
- OM2000 Administrator's Kit p/n 11278 (includes OM2000 OFM Omnilock Facility Manager software, Administrator's Guide, Quick user reference cards, and default programming magnetic cards p/n 10983-003).
- Track-2 Card Reader p/n 11274 (not necessary for keypad-code only operation)
- Compatible Windows® CE® Device
- Track-2 Magnetic cards p/n 10983-002 (100 cards included)
- Magnetic Card Reader cleaners p/n 11071



SYSTEM 2
Integrated Systems for OM2000 Proximity Lock System Users

Integrated System 2 includes everything necessary to administrer an OM2000 proximity card reader system. Additional proximity cards or Keyfobs are available as desired.

INCLUDES

- Windows® compatible Laptop computer
- OM2000 Administrator's Kit p/n 11628 (includes software, Administrator's Guide, Quick user reference cards, and default programming proximity cards p/n 11676-003).
- Proximity Card Enrollment Reader p/n 11507
- Compatible Windows® CE® Device
- Prox card II cards p/n 11676-002 (100 cards included)
- Additional Proximity cards and/or Keyfobs available



Shown above is an OM2000 Wall Mount System OM2000 with satin chrome housing and Medeco cam lock cylinder

OMNILOCK
OM2000 KEYPAD & MAGNETIC CARD READER
and
OP2000 KEYPAD & PROXIMITY CARD READER

The OM2000/OP2000 Cylindrical, Mortise, Quick Adapter or Wall Mount Systems are programmable at the door by using any approved Windows CE PDA. The database manager software runs on any MS Windows-compatible laptop or PC and can manage over 65,000 users in its powerful database. If users want to enroll OSI magnetic cards or their own Student Ids, Driver's Licenses, or ATMS then they must have a Track-2 Card Reader (not necessary for Keypad-code operation).

The versatile Wall Mount System may be used to control electric strikes, magnetic locks, electrified exit devices, elevator control boxes or any electric circuit of 12-24 VDC/RMS voltage, 5 amperes.



9325
INTERIOR or EXTERIOR KEYPADS

- Accommodate up to 120 users
- EEPROM Memory – safe storage of data (all data is stored in the event of power fa ilure)
- Secure access codes (4-8 digits)
- Backlighting (can be disabled)
- Silent Mode (audible annunciation of key-presses can be disabled)
- Programmable lockout
- Variable output time delay (1-90 sec)
- Interior and Exterior models
- Surface mount design
- 12V DC
- Size: 2-3/4”W x 4-1/2”H x 1-5/32”D



9310
Compact Stand-Alone Magstripe Card Reader

- Stand-Alone reader
- Accepts any ANSI Track II magstripe user card (Note: Sensitive bank or credit information is not processed on Track II)
- Accepts existing system’s cards (optional RCI magstripe cards available in packs of 250)
- Accommodates up to 1,000 users
- Converts from fail locked to fail unlocked with one swipe of lock mode card
- Easy to program
- Weather and corrosion resistant
- Aesthetically pleasing
- Clock and data output
- Available in Satin Chrome
- Size: 1-3/8”W x 3-1/2”H x 1-3/8”D

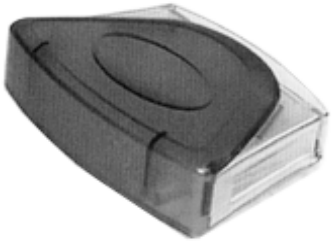






9320/9321
SLIMLINE READERS

- Self-contained (9320) or with Remote Control board for high security or exterior applications (9321)
- Controls access of up to 10,000 users
- Delete user without user’s keyfob or card
- Aesthetically pleasing design
- Keyfobs or proximity cards are available in a convenient 10-token starter pack (sold separately)
- Keyfobs or cards are powered by the reader and do not require batteries
- Surface (wall) or mullion mount
- Access Validation – Silent/Audible/Visual
- Change lock mode (Fail locked/Fail Unlocked) in seconds
- Deny access without retrieving user’s keyfob or card
- No separate programmer required (for 50 or more users, desktop programmer is recommended)



932-DTP
PROXIMITY DESKTOP PROGRAMMER

- For use with Slimeline and Micro proximity Readers
- Low coast solution for sites with larger number of cards (more than 50)
- Very user friendly – software can be learned in minutes
- RS232 interface cable included
- 5-1/8"W x 1-1/2"H x 3-5/8"D

RCI

9322/9323
MICRO READERS







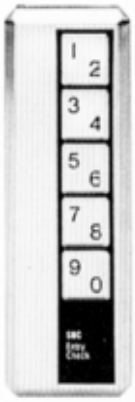
- Self-contained (9322) or with Remote Control board for high security or exterior applications (9323)
- Controls access of up to 10,000 users
- Delete users without user's keyfob or card
- Aesthetically pleasing design
- Keyfobs or proximity card user tokens are available in a convenient 10-token starter pack (sold separately)
- Keyfob or cards are powered by the reader and do not require batteries
- Flush mount
- Access Validation – Silent/Audible
- Change lock mode (Fail Locked/Fail Unlocked) in seconds
- Deny access without retrieving user's keyfob or card
- Supplied with 8 different color reader covers to compliment any décor
- No separate programmer required (for 50 or more users, desktop programmer is recommended)

SDC

931
ENTRYCHECK™

The 931 EntryCheck touchpads are unsurpassed in their ability to tolerate virtually any environment. The fully weatherized touchpads use piezoelectric technology that ensures that the system will perform reliably whether installed inside or exposed to extreme outside weather conditions.

The all stainless steel touchpads are highly tolerant of physical abuse. The separate micro-processor based controller contains all inputs and relay outputs. Being located in a separate location security is higher, eliminating the possibility of tampering.



KP2U

FEATURES

- 6 User codes (Master programming and 5 User codes)
- Code Length may be 3-8 digits
- Tamper alarm
- Door open time (momentary door unlock time is programmable from 1- 120 seconds
- Non-volatile memory
- Request-to-exit
- Anti-tailgating
- Two Relay outputs
- Two user groups
- Two door operation
- Latching
- CCTV
- Doorbell activiation



KP3U



KP3Y



KP4U



CYBERLOCK
by Videx®
Intelligent Access Control System

The Videx® CyberLock cylinder is an electronic version of many standard cylinders. Installation at the lock is as simple as removing the existing cylinder and replacing it with the intelligent CyberLock; most installations take less than 10 minutes. CyberLock can be installed in 6-pin knob sets, lever locks and padlocks, and in mortise locks, rim locks and cam locks. Once installed, CyberLock functions as a complete stand-alone system that requires no external power or battery. And, the CyberLock cylinder is virtually pick-proof.

The intelligent CyberKey powers the system. CyberKey contains both the battery power to operate the CyberLock cylinder and the specific access privileges for the key holder. The key can also be assigned an authorization time period, so that it can be issued before authorization begins, and will automatically expire at a set time. Each key has a unique ID number that identifies the user, for a high degree of key security.

A log of each access event—user ID, date, and time—is stored in both the lock cylinder and the user key, providing a comprehensive history of every use. The CyberAudit software for the PC is your tool for easily creating your access control system. Keys are programmed at the computer and distributed to the users.

APPLICATIONS

Since the CyberLock cylinder replaces a variety of mechanical cylinders, and is durable enough for outdoor use, you can install CyberLock not only on doorways but also on cabinets, padlocks, and drawers. A single CyberKey can be used for access to outside entrances, computer rooms, file cabinets, padlocked gates, cash drawers—even the roll-up doors on freight trucks.

SPECIFICATIONS

	CyberLock Cylinder	CyberKey
Battery	Not required	3V lithium
Battery Life	Not applicable	2000 to 5000 openings depending upon user configurable settings
Temp	-40° to 160° F; -40° to 70° C	32° to 122° F; 0° to 50° C
Access Schedule	No limit to number of keys cylinder can support	Key recognizes up to 700 locks with up to 50 access schedules
Log Capacity	1100 events	1150 events
Blocked key List	Emergency block of 16 keys per cylinder	Not applicable
Clock	Not applicable	Real-time clock



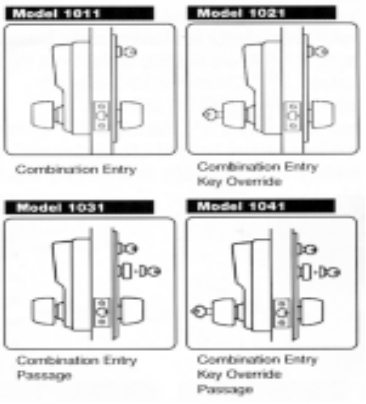
CYBERKEY AUTHORIZER
by Videx®
Entry Authorization On Demand

CyberKey Authorizer enhances CyberLock systems by providing the ability to program and download CyberKeys at remote locations. Authorizer adds two primary benefits to a standard CyberLock System:

With CyberKey Authorizer, users can update their keys without returning to where the hose computer is located. For large installation, Authorizer provides a way to communicate with keys over a wide area, and still manage the system from one central computer. Authorizer consists of two parts: the hub and the keyport. The Authorizer hub connects to the host computer either via Ethernet or via its built-in modem. In network installations, the hub and the database synchronize every few minutes. In modem installations, the hub receives instructions from the host computer on a regular basis, and stores these instructions in memory.

The Authorizer hub connects to one or two keyports. Keyports can be installed wherever it is convenient for CyberKey users, indoors or outdoors. Keyports consist of a CyberKey connection, a numeric keypad, and a display. Each time a user inserts a key into the keyport and enters a PIN, the program information in the key is updated and the log of events is transferred to the computer via the hub.





1000 SERIES
Cylindrical Knob Lock

OPERATION

- Exterior access is by combination—Egress on 1000 is free at all times
- Optional mechanical Key Override for emergency or service entrance. Removable core type compatible with most suppliers
- Optional Passage allows access without using the lock combination
- Optional Lockout (privacy) disables the lock. Access is permitted using key override only

SPECIFICATIONS

Construction: Heavy-duty cylindrical locksets. Conform to ANSI specifications 156.2 for cylindrical lock. Cast front housing; brass unified trim plate; fixed cast or wrought brass knobs and levers. ADA compliment levers

Latch: Standard ½" throw, floating front. Optional ¾" throw beveled and non-beveled

Backset: 2-3/4"

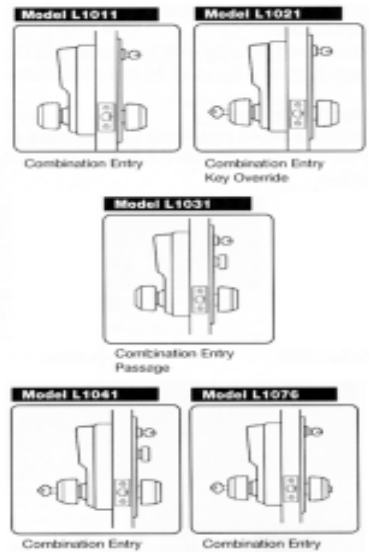
Strike: Includes 1-3/8" to 2-1/4" strike for cylindrical lockset

Door Thickness: 1-3/8" to 2-1/4"

Handing: Knob locks factory handed left, field reversible.

Finishes: Bright Brass (03, 605); Antique Brass (05B, 609); Bright Chrome (026, 625); Satin Chrome (26D, 626)





L1000 SERIES
Cylindrical Lever Lock

OPERATION

- Exterior access is by combination—Egress on 1000 is free at all times
- Optional mechanical Key Override for emergency or service entrance. Removable core type compatible with most suppliers
- Optional Passage allows access without using the lock combination
- Optional Lockout (privacy) disables the lock. Access is permitted using key override only

SPECIFICATIONS

Construction: Heavy-duty cylindrical locksets. Conform to ANSI specifications 156.2 for cylindrical lock. Cast front housing; brass unified trim plate; fixed cast or wrought brass knobs and levers. ADA compliment levers

Latch: Standard ½" throw, floating front. Optional ¾" throw beveled and non-beveled

Backset: 2-3/4"

Strike: Includes 1-3/8" to 2-1/4" strike for cylindrical lockset

Door Thickness: 1-3/8" to 2-1/4"

Handing: Lever locks factory handed, NOT field reversible

Finishes: Bright Brass (03, 605); Antique Brass (05B, 609); Bright Chrome (026, 625); Satin Chrome (26D, 626)

SIMPLEX 5000
Cylindrical Knob Lock



OPERATION

The 5000 Series provides simple, powerful access control in almost any application--commercial, industrial, educational, government, multi-unit residential and lodging. You get the convenience of keyless entry with no cards or keys, low maintenance with no batteries to maintain and quick installation.

The lock is shipped preassembled as two fully contained front and rear housings. It installs easily on wood or metal doors from 1-3/8" to 2-1/4" thickness. It fits standard 161 Cylindrical lock door prep with only minor modifications; retrofits cylindrical locksets with 2-3/4" backset; and covers existing Kaba Ilco 1000, L1000 and PowerLever installations.

SPECIFICATIONS

Certifications: ANSI/BHMA 156.2 Grade 1 Certified (made in ISO9001 facilities)

Construction: Extra-Heavy-Duty. Internal drive parts of cast stainless steel

Accessability: Pushbutton lever lock with Key Override

Handing: Non-Handed - changes in seconds

Warranty: 2 year

Handing: Knob locks factory handed left, field reversible.

Finishes: Bright Brass (03, 605); Antique Brass (05B, 609); Bright Chrome (026, 625); Satin Chrome (26D, 626)



900 SERIES
Mechanical Pushbutton Light Commercial & Residential Locks

OPERATION

- Exterior access is by combinatin. Egress is free at all times.
- Deadbolt models are manually relocking. Deadlocking spring latch models automatically relock each time door closes
- Optional Features: Key Override, interior lever handle, panic bar release kit, and latch holdback
- Standard latch holdback for spring latch models



Shown with optional Shield

SPECIFICATIONS

Construction: All metal cast front housing; force-proof, clutch-protected thumbturn; exterior brass trim plate

Latch: 1" deadbolt or rim spring latch with deadlocking trigger and latch holdback

Strikes: Includes strike plate for out-swing doors, cast box strike for in-swing doors. Metal door frames require the optional surface mortise box strike or use of an adapter kit

Door Thickness: 1-3/8" to 2-1/8" -- varies per model

Backset: 2-9/16" for out-swing and 2-1/2 for in-swing doors

Handing: Field reversible latch--invert lock ofr right hand doors

Finishes: Satin Brass (04, 633); Satin Chrome (26D, 626)



3100 SERIES
Mechanical Pushbutton Narrow Stile Locks

OPERATION

- For narrow stile aluminum glass doors
- Exterior access is by combination. Egress is free at all times
- Retro fits Adams Rite 4510/4710 mortise latch preparation
- Complete lockset - no additional panic device hardware is required
- Mechanical key override for emergency or service entrance, accepts MS mortise cylinders
- Features: Passage (latch holdback), and Lockout
- Key cylinders, cylinder trim rings, mortise latches, and egress hardware not provided

SPECIFICATIONS

Construction: Heavy-duty American zinc-case mortise; conforms to ANSI 156.5 Grade 1; all metal; cast front housing; ADA compliant push/pull paddles

Door Swing: Out-swing doors only

Latch: Mortise, HD 5/8" thick bolt with dead lock

Strike: ASA Strike Plate

Stile Width: 1-7/8" minimum required for mounting

Stile Thickness: 1-3/4" maximum

Backset: 31/32" or 1-1/8"

Handing: Factory handed, not field reversible

Finishes: Satin Chrome (26D, 626); Duranodic (55, 695)



LP1000 SERIES
Mechanical Pushbutton Exit Device Controls

OPERATION

- Designed to operate surface mounted exit devices (not supplied) from the outside using a tailpiece, replacing the key cylinder on a new or existing exit device
- Exterior access is by combination. Egress is by interior exit device and is free at all times
- Optional key override
- Lock can be used with many leading brands of surface-mounted (rim-mounted) exit devices

SPECIFICATIONS

Construction: Heavy-duty lock housing; conforms to ANSI 156.2 Grade 1; all metal; cast front housing; brass mounting plate; fixed cast ADA-compliant lever

Strike: Not supplied

Exit Device: Not supplied

Door Thickness: Standard up to 2-1/4"; optional 4"

Door Handing: Factory handed, not field reversible

Tailpiece: 2-1/4" tailpiece for exit device operation from outside

Exit device hub rotation: Up to 60 degrees, counterclockwise for left hand and clockwise for right hand

Finishes: Bright Chrome (26, 625); Satin Chrome (26D, 626)

T SERIES FALCON Locks & Security Products
Cylindrical Key-In-Lever Lock



#T851
Storeroom
(Electrified - Fail Secure)

Deadlocking latch bolt operated by lever inside at all times. Outside lever inoperable until electrically unlocked, then latch bolt from either side. When outside lever is inoperable latch bolt retracted by key in cylinder outside. 24 VDC .185 amps, continuous duty.

SPECIFICATIONS

Door Thickness: 1-3/4" to 2-1/8" standard (Thin door adapter is available)

Backset: 2-3/4" standard (2-3/8", 3-3/4" & 5" available)

Mechanism: Parts constructed of brass or cold formed steel zinc plated and dichromated for rust resistance. Springs are stainless steel

Handing: Non-handed

Cylinders: Drilled with 6 pin chambers, pinned in 5. Pinning in 6 chambers available when specified at not cost. 7 pin cylinders also available. Cylinder assemblies removable to rekey. Also available with 6 or 7 pin interchaneable core cylinders.

Latches: 1/2" bolt projection, UL listed with latch faceplates 2-1/4" x 1-1/8" with sqare corners standard. 3/4" projection, UL listed latch with 2-3/4" backset also available. Adjustable front standard. Optional latches available.

Strikes: 4-7/8" x 1-1/4" ANSI strike with curved lip to meet ANSI A115.2 door frame preparation standard.

Screws: Furnished with combination screws for use in wood or metal doors and frames.

Electrified Functions: Available in 12 or 24VAC or VDC

ANSI/BHMA: Meets ANSI/BHMA A156.2, Series 4000, Grade 1.

UL: 3 hr A Label

SARGENT

Cylindrical Locks-Electromechanical

OPERATION

Solenoid operated lcoks for use with labeled 1-3/4" thick doors. Solenoid requires 24VDC @ .25 amp regulated/filtered power (3510, 3530 Series and 3560) or 24VAC Rectified. All solenoids are UL tested for cylce life, low operating temperature and shock and fire hazard qualifications. Designed for intermittent and continuous duty. If voltage exceeds 26.2 RMS, solenoid will be damaged.

NOTE: 10 line locks may be modified with witch to monitor inside or outside lever handles, signal remote location, or de-energize electromagnetic lock.

10 LINE



10 line locks available in B, J, L or P lever designs. (see Locks Section for picture)

8 LINE



Solenoid operated locks in 8 line require the L or G rose for wood door applications. They are available with standard core cylinder. (see Locks Section for picture)

SPECIFICATIONS

10 Line:

- Power off unlocks outside lever
- Inside lever always free
- Key outside retracts latchbolt when locked
- Guardbolt deadlocks latchbolt
- Fail safe (10G70) or Fail secure-Intermittent duty (10G71)

8 Line:

8G70 & 8G71

- Power off unlocks outside knob
- Inside knob always free
- Key outside retracts latchbolt when locked
- Guardbolt deadlocks latchbolt
- Fail safe (8G70) or Fail secure-intermittent duty (8G71)

8G70 & 8G71

- Outside knob always rigid
- Power off Unlocks inside knob (8G74) or Locks inside knob (8G75)
- Key inside or outside retracts latchbolt
- Guardbolt deadlocks latchbolt
- Fail safe-asylum (8G74) or Fail secure-intermittent duty (8G75)

SARGENT



Electromechanical
ET LEVER HANDLE CONTROLS

OPERATION

Provides remote means of locking or unlockin ga door for authorized entry, access control, security or safety needs when used in conjunction with an 80 Series exit device. All controls require 1/4 amp (.25) @ 24VDC regulated/filtered power (3510, 3530 Seres, 3560) or 24VAC rectified. Rectifier packed with each device for 24VAC operation. If voltage exceeds 26.2 RMS solenoid will be damaged.

Controls 773/774

- No cylinder override
- Field reversible
- Lever is locked when power is off -Fail secure (774)
- Lever is unlocked when power is off-Fail safe (773)
- For use with 8400, 12-MD8400, 8500, MD8600, 12-MD8600, WD8600, 12-WD8600, 8700 and 12-8700

Controls 775/776

- Outside key retracts latchbolt
- Field reversible
- Lever is locked when power is off -Fail secure (776)
- Lever is unlocked when power is off-Fail safe (775)
- For use with 8300, 12-8300, 8800, 12-8800, 8900, and 12-8900

The 700 Series ET Control with an internal micro switch is available for use with any 80 or 90 Series exit device which accepts (700) active trim that retracts the latchbolts except on 8400, 8500, MD8600, WD8600, PP8600, PR8600, SP8600, PP8700, PR8700 and SP 8700.

SARGENT



D-SERIES
HEAVY-DUTY COMMERCIAL
ELECTRIFIED LOCKS

D-Series locks are available for electrically locking and unlocking controls for high security and fire safety applicatoins. They are UL Listed and rated for both fire and electrical single point locking on labeled doors. Refer to the lock function pages for function and design availablity.

REQUIREMENTS

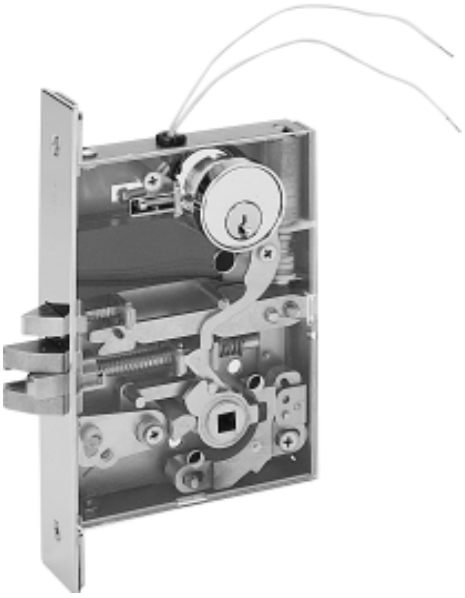
24VAC - 15 Amps; 24VDC - .35 Amps

Operating Temperature: +151 degrees F (+66 degrees C) Maximum

-31 degrees F (-33 degrees C) Minimum

SARGENT

L-SERIES
HEAVY-DUTY ELECTRIFIED
MORTISE LOCKS



The L-Series locks can be used for such applications as security control centers, cashier rooms, fire safety alarms, computer rooms, hospital equipment, narcotics areas and many more. They work with regulating devices such as security alarms, security consoles, access card readers, smoke and fire alarms, automatic time devices, computerized controls and many more.

When ordering electrified locks, always specify voltage and current requirements. All installations should be in accordance with local electrical codes.

Requires: 24VAC/DC - 1.0 Amps

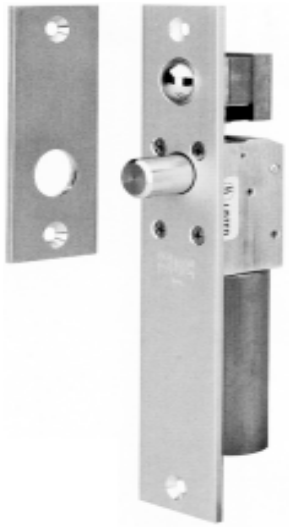
CAUTION: Electrified L-Series locks contain a transistorized circuit with a peak load of approximately 1.3 amperes at 24VAC. The following precautions should be taken:

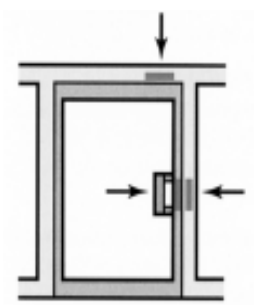
Preferable, each lock should have its own 24-volt transformer. Two or more locks may be operated in parallel from a single transformer, provided it has the necessary current rating.

Do not connect locks in a series from a higher rated transformer.

We do not recommend connecting these locks to a circuit containing electromagnetic devices as transient voltage may cause damage to the lock. Transient voltage must be suppressed at its source before connecting locks to the circuit. A varistor rated at 35 volts (peak-recurrent) may be used for transient voltage protection.

Functions: Electrically Locked or Electrically Unlocked (see Schlage Functions page for details)





1490/2490 SERIES
SPACESAVER® BOLT LOCKS

SDC

The Spacesaver®, first designed and patented by SDC is a fundamental innovation in electric locking technology for access control applications. The stainless steel bolt projects at right angles to the lock mechanism, allowing installation of Spacesaver® locks, by means of a simple cutout, in virtually any standard 1.5" frame, or in most door lock stiles. With the entire lock concealed, esthetic acceptability is complete, security is greater and installation in old or new construction is fast, easy and economical.

FEATURES

- Solid stainless steel bolt
- Specification grade solenoids
- Three point installation (frame header, side jamb or door lock stile)
- Field adjustable auto-relock switch
- 1490A Fail-safe / 2490 Fail-secure
- Optional monitoring sensors
- Lock and door sensor applications

SPECIFICATIONS

- Face Plate: 8" x 1.25" x 0.125"
- Strike: 4" x 1.5" x 0.125"
- Frame Inner Dimension Requirements: 8" x 1.25" x 1.25"
- Bolt Diameter: 0.625"
- Bolt Throw: 0.5"
- Mounting Tabs: Two aluminum mounting tabs are provided for easy lock installation.

ELECTRICAL SPECIFICATIONS

- 0.5 amp @ 24VAC Continuous Duty
- 0.5 amp @ 24VDC Continuous Duty
- 1 amp @ 12VDC Continuous Duty

OM100, 300, 500
Keypad-Only Electronic Locks



OSI has designed this generation of 100, 300 and 500-user locks to be extremely versatile, rugged, and reliable. OSI cylindrical locks install in a standard ANSI 156.2 (formerly 161) door prep and require no extra holes to be drilled in the door. These locks are programmable at the door by either the traditional WP4000 printer or by using an approved Windows CE PDA. The OM100, 300 and 500 locks record the audit trail of the last 250, 500, or 750 events respectively. Users may be assigned membership in user groups and group access may be controlled by time schedules. Up to 32 holidays may be pre-programmed in any of these systems. Locks may be programmed to lock or unlock automatically or to unlock and remain unlocked after the first valid code is entered. OSI now offers the OM100, 300 and 500 in a Quick Adapter configuration for easy retrofit to selected Schlage D-Series cylindrical locks. This series of locks is therefore available in a Cylindrical, Mortise, Mortise-with deadbolt, a Wall Mount System (controls electrified hardware such as strikes, mag locks or electrified exit devices), and a Quick Adapter configuration. It is also available in a retro fit for VonDuprin 99 rim control exit device. Lastly, the powerful electronics module will retrofit to existing OM50, OM100, OM300, OM500 or OM2000 and OP2000 Omnilock Systems.

The QUICK ADAPTER
For Existing Schlage D-Series Locks



The Quick Adapter adapts to Schalge D-60, D-70, D-73, D-80 and D-93 PD cylindrical lever locks with the standard key cores. Available as a QA100, QA300 or QA500 Keypad-only system., a QA2000 Mag card reader system, or as a OP2000 Proximity card reader system. Call for expanded list of Schlage D-Series locks that are compatible.

WINDOWS® CE® Device or PocketPC®



The Windows CE or PocketPC devices are required for programming any of the OMNILOCK OM2000 or OP2000 locks. Additional, these devices may be used to program the newer generation of OM100, OM300 or OM500 Series locks. One CE Device will work with any number of locks.

Approved Windows CE Devices and PocketPC's

The following is a list of the Mobile Devices that are approved for use with the OSI Security Device Products:

Casio: Cassiopeia E125, EM500, and EG800
Compaq: AERO Model 1520, Model 1530 and Model 2150
Compaq: iPAQ Models: H3100, H3600, 3760 and 3800 series
HP: Jornada Models: 420, 430, 525, 540, 545, 547, 548, 565, 568


SCHLAGE

SCHLAGE

COBRA
by Schlage



Cobra by Schlage is an architecturally designed programmable locking system. This attractive, battery-powered electronic cylindrical lockset is ideal for new construction or retrofit applications where aesthetics are important and program flexibility at the lock is critical.

With Cobra's programming flexibility, users can program up to 100 3-to 8-user codes right at the keypad. In addition, the lock features red and green LED indicators for visible access and programming acknowledgement. A concealed emergency override gives you additional flexibility to tie into existing SFIC keying systems.

Additional features include extended battery life, Vandlgard™ clutching lever design, a variety of architectural finishes and two lever designs. Cobra by Schlage is an excellent choice for schools, hospitals, multi-family units, retail stores, and commercial and government facilities looking to upgrade their access control from mechanical locks or other manufacturers' locks.

FEATURES

- Architectural Design
- Program up to 100 users at keypad
- Vandlgard clutching lever
- Concealed emergency override
- Lever and finish options
- Compact cast escutcheon with integrated keypad
- 2-3 year battery life
- LEDs with red/green indicators
- Adjustable door thickness - 1-1/2" to 2"
- Cover plate options

SCHLAGE

PRO SERIES



Locknetics On Board

The Schlage PRO Series programmable locks are stand-alone, microprocessor-based locks that provide greater customer care than mechanical pushbutton locks. Available in both battery-powered and hardwired models, PRO Series locks let you quickly program up to 120 user codes, right at the lock. Installation is easy for standard cylindrical and mortise lock preps with minor modifications. There is no external wiring required for battery-powered models.

MODELS

PRO5196	Cylindrical
PRO5596	Mortise
PRO5594	Mortise-1" Autobolt
PRO5796	Unit Lock

OPTIONS

SLB	2-3/4" BS, ½" latchbolt, for cyl. locks only
OLB	2-3/8" BS, ½" latchbolt, for cyl. locks only
ELB	2-3/4" BS, ¾" latchbolt, for cyl. locks only
Door Thickness	1-3/4" std, 1-3/8" to 2-3/4" by 1/8" increments
HSS	High-Security Screws - inside escutcheon
EG	Gasket for exterior applications

SCHLAGE

CM LOCKS
Schlage Computer Managed CM Locks



Locknetics On Board

The CM Locks are stand-alone, battery-powered locks that can be programmed with LockLink™ or LockLink™ Express access control management software. The same software can also manage the Von Duprin CM993 exit trim for 98/99 Series exit devices and the Locknetics Universal Controllers, which prove intelligent access control for electrified or battery-powered products such as magnets, strikes, and cabinet locks.

Multiple access points. Multiple users. Multiple credentials. One way to manage them.

CREDENTIALS

IBA	iButton (adhesive backed)	**IBF**	iButton on Fob
MAG1	Magnetic Stripe Card - Blank	**MAG2**	Magnetic Stripe Card - precoded
PRX1	Prox Card - Std .070" thick	**PRX2**	Prox Card - Adhesive Backed for photo application - .070" thick
PRX3	Prox Card - ISO credit card size and thickness, .031" thick	**PRX4**	Prox Card - Dual Technologies, mag stripe & prox, .031" thick
PF1	Prox Fob		

SDC

E72 EntryCheck™



The battery powered stand alone E72 EntryCheck™ provides controlled access for high security applications with multi-level security requirements or applications with minimal requirements for the control of pedestrian traffic. The lock provides extensive versatility and is packed with the sophisticated features security professionals have come to expect with hard wired systems. Furthermore, many of the lock's features are unique and proprietary.

Additional benefits include: the elimination of labor intensive wiring; retrofit standard cylindrical lock door prep with the addition of only one ¾" through hole; installation time should not exceed 10 minutes; the elimination of key management and the issuing and reissuing of keys; easily programmed at the keypad or with a computer.

MODELS

E72-64	64 User / 50 Event Audit Trail
E72-150	150 User / 800 Event Audit Trail
E72-300	300 User / 1600 Event Audit Trail

VON DUPRIN®

CM993
COMPUTER MANAGED EXIT TRIM



The CM993 Exit Trim is an electronic stand-alone, access control exit trim for use on doors where an exit device is required for egress. The CM993 is available hardwired or battery-powered and is designed to be used with Von Duprin 98/99 exit devices for unmatched access control and ease of use. It can be programmed with LockLink™ or LockLink™ Express access control management software. The same software can also manage the Schlage CM Locks and Locknetics Universal Controllers, which provide intelligent access control for electrified or battery-powered products such as magnets, strikes and cabinet locks.

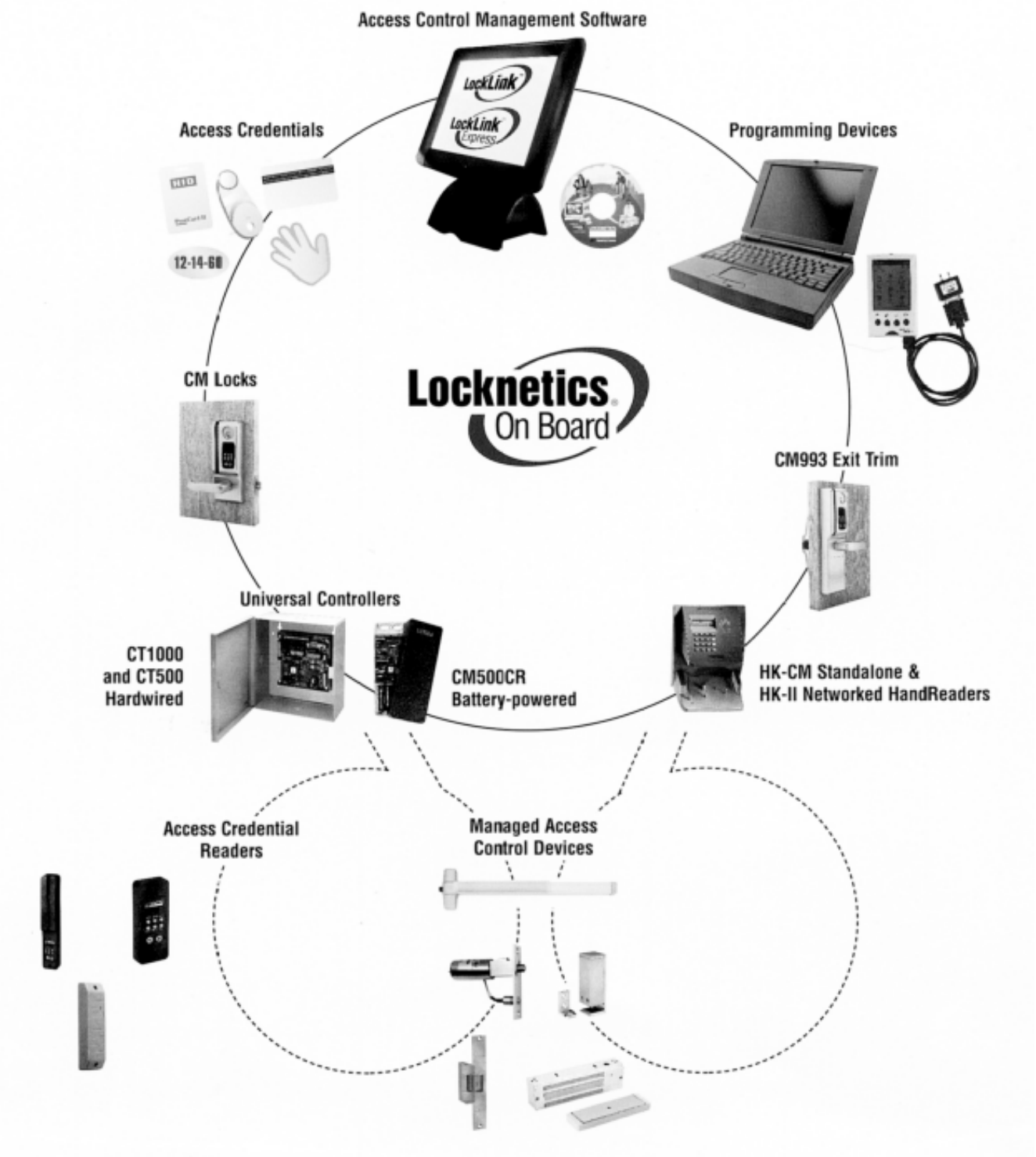
The above Exit Trim is available in a manually programmable style (PRO993). This will allow you to manually program up to 120 key codes right at the trim. It has similar mechanical features as the CM993 and it complements Schlage PRO and Locknetics PRO series products.

CREDENTIALS

IBA	iButton (adhesive backed)	**IBF**	iButton on Fob
MAG1	Magnetic Stripe Card - Blank	**MAG2**	Magnetic Stripe Card - precoded
PRX1	Prox Card - Std .070" thick	**PRX2**	Prox Card - Adhesive Backed for photo application - .070" thick
PRX3	Prox Card - ISO credit card size and thickness, .031" thick	**PRX4**	Prox Card - Dual Technologies, mag stripe & prox, .031" thick
PF1	Prox Fob		

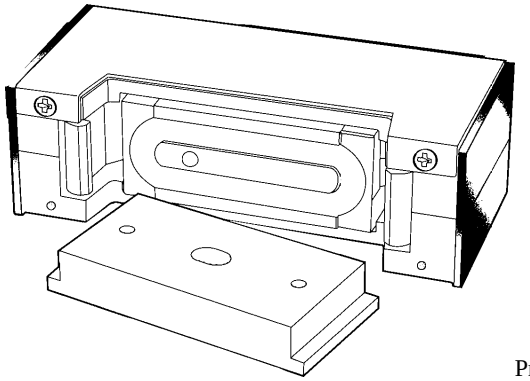


Locknetics On Board


Access Control Management Software
LockLink
LockLink Express
Access Credentials
12-14-68
Programming Devices
CM Locks
Locknetics On Board
CM993 Exit Trim
Universal Controllers
CT1000 and CT500 Hardwired
CM500CR Battery-powered
HK-CM Standalone & HK-II Networked HandReaders
Access Credential Readers
Managed Access Control Devices

NOTES

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ADAMS RITE MANUFACTURING CO.

maglock

MS1500
MS MAGLOCK

FUNCTION:

Provides remote access and exit control of internal and external wood, hollow metal and aluminum doors. The MS Maglock is designed with two hardened steel mandibles, which are spring loaded to clamp on the armature in the event of a forced entry attempt. It has a holding force of 4000 pounds when installed with the supplied mounting plate and screws. The design alows the maglock to run on voltages from 12 to 24 AC or DC. The MS Maglock is fail-safe, but can be installed with a battery backup power supply.

Armature: Approx. 4" x 5/8" x 2"

Mounting: A separate mounting plate is included as standard. A variety of accessories are available for different mounting methods.

Case: Approx. 6" x 2-3/4" x 2" deep. One piece stainless steel housing cover conceals the magnet fasteners. Finished std in US32D

Options: Monitoring: Door position switch and tamper warning switch are available.
Conduit: Prepped for use w/ conduit.

Electrical Specifications: 12 to 24V AC or DC
0.2 amps max current draw

IR LOCKNETICS

MAGFORCE 390+
High Security Lock



HOLDING FORCE

#390+ (single)	1650 lbs
#392+ (double)	1650lbs
#391+ (split)	825lbs (each side)

ELECTRICAL

Input Voltage:	12 or 24 V DC
Current Draw:	.67A @ 12VDC, .35A @ 24VDC

FUNCTION

Its modular design employs a standardized circuit board with easy-to-install connectors, adjustable mounting brackets, integrated mounting screws, and slide-in architectural finish plates. A new armature housing holds the armature in place, eliminating the noise and sagging known with armatures, increasing the overall reliability of the product. The armature housing also holds the magnets for the DSM option without having to mount an additional plate to the armature, ensuring quicker, more reliable installations.

APPLICATIONS

#390+ For single, inswinging or outswinging, hollow metal, aluminum and wood doors and frames and glass doors

#392+ For pairs of hollow metal, aluminum, and wood doors and frames and glass doors without a mullion.

#391+ w/split armature For use with pairs of hollow metal, aluminum and wood doors and frames without a mullion.

OPTIONS

12V Powermiser (PWM) with 1200 pounds holding force is available for limited applications

CERTIFICATIONS

Exceeds ANSI/BHMA A156.23 Grade 1 standards with 1650 lbs direct holding force
UL listed as an auxiliary lock for a 3 hour fire-rated opening and for burglary resistance

MAGFORCE 350+
Narrowline Lock



HOLDING FORCE

#350+ (single)	1200 lbs
#352+ (double)	1200 lbs
#351+ (split)	600 lbs (each side)

ELECTRICAL

Input Voltage:	12 or 24 V DC
Current Draw:	.75A @ 12VDC, .38A @ 24VDC

FUNCTION

This surface mounted electromagnetic lock offers 1200 pounds of direct holding force for doors requiring a high level of security. Its modular design employs a standardized circuit board with easy-to-install connectors, adjustable mounting brackets, integrated mounting screws, and slide-in architectural finish plates. It features a narrow 2-1/8" projection from the frame header. A new armature housing holds the armature in place, eliminating the noise and sagging known with armatures, increasing the overall reliability of the product. The armature housing also holds the magnets for the DSM option without having to mount an additional plate to the armature, ensuring quicker, more reliable installations.

APPLICATIONS

#350+ For single, inswinging or outswinging, hollow metal, aluminum and wood doors and frames and glass doors

#352+ For pairs of hollow metal, aluminum, and wood doors and frames and glass doors without a mullion.

#351+ w/split armature For use with pairs of hollow metal, aluminum and wood doors and frames without a mullion.

CERTIFICATIONS

Exceeds ANSI/BHMA A156.23 Grade 2 standards with 1200 lbs direct holding force
UL listed as an auxiliary lock for a 3 hour fire-rated opening

MAGFORCE 320+
Traffic Control Lock



HOLDING FORCE

#320+ (single)	700 lbs
#322+ (double)	700 lbs (each side)

ELECTRICAL

Input Voltage:	12 or 24 V DC
Current Draw:	.75A @ 12VDC, .38A @ 24VDC

FUNCTION

This surface mounted electromagnetic lock offers 700 pounds of direct holding force for interior doors and general traffic control applications. Its modular design employs a standardized circuit board with easy-to-install connectors, adjustable mounting brackets, integrated mounting screws, and slide-in architectural finish plates. A new armature housing holds the armature in place, eliminating the noise and sagging know with armatures, increasing the overall reliability of the product. The armature housing also holds the magnets for the DSM option without having to mount an additional plate to the armature, ensuring quicker, more reliable installations.

APPLICATIONS

#320+ For single, inswinging or outswinging, hollow metal, aluminum and wood doors and frames and glass doors

#322+ For pairs of hollow metal, aluminum, and wood doors and frames and glass doors without a mullion.

CERTIFICATIONS

Exceeds ANSI/BHMA A156.23 Grade 3 standards with 700 lbs direct holding force
UL listed as an auxiliary lock for a 3 hour fire-rated opening

GF3000 SERIES
Gravity Force-Electromagnetic Mortise Shear Locks



FUNCTION

The GF3000 has an unique mounting feature that provides a "floating" action of both the lock assembly and the armature. This design allows the magnet assembly to move towards the armature during the locking process. It is able to overcome gaps of up to 1/4" without the use of voltage or current inrush. Once engaged, the shear lock provides 3000 lbs holding force, without high operating temperatures normally associated with other shear locks. A microprocessor-based control module provides advanced electronic features. This circuitry automatically senses and adjusts input voltage, allowing for operation from 12 to 24 volt DC power sources.

The mortise shear lock offers the advantage of a totally concealed locking mechanism, providing superior security and appearance. The patented design incorporates locking "tabs" on the magnet assembly with mating grooves in the mating armature plate. This design allows for normal door and frame movement.

All models offer built-in automatic relock features ensuring full door closure before lock engagement. Relock time delay is easily adjusted from 1 to 30 seconds from the face of the installed lock.

OPTIONS

TRD - for when armature adjustment is required from the edge of the door due to flush ceiling conditions

MBS - Magnetic Bond Sensor enable to monitor the secure/not secure condition of the lock

DSM - Door Status Sensor to monitor the open/closed position of the door

APPLICATIONS

This lock is ideally suited for commercial grade quality hollow metal doors and frames as well as Herculite doors with top rail. Advances in design provide low operating temperatures, making this shear lock suitable for use in the growing demand for concealed locks in wood frames.

CERTIFICATIONS

ANSI/BHMA A156.23 standards for electromagnetic locks
UL & CUL listed for use on fire labeled openings

390DEL / 390DLS
DELAYED EGRESS LOCKING SYSTEMS



FUNCTION

The 390DEL and 390DLS series delayed egress locking systems are self-contained units, desigened to meet NFPA 101 Life Safety Code, while providing ongoing access controlled security. They are easy to install, cost effective solutions to life safety and security applications. Both models have a holding force of 1500lbs.

The 390DEL's delayed egress is triggered by external contacts, such as an electrified exit bar, to initiate a 15 or 30 second delay and audible alarm unlocking. Both the 390DEL and 390DLS utilizes an on-board TouchEntry Key Reader to provide reset and legal release. Two touchEntry data keys are shipped with each lock. Up to seven TouchEntry data keys may be programmed without a programmer. Up to 150 users may be programmed with a SelectEntry keypad and up to 500 TEK users may be programmed with a computer managed system. Each lock includes an on-board microprocessor that accepts all Locknetics TouchEntry readers, SelectEntry keypads or any other access control systems which can provide a dry-contact closure.

#390DEL - MagForce Delayed Egress with On-board Switch

#390DLS - MagForce Delayed Egress with Exterior Switch

FEATURES

Automatic Voltage Selection	Anti-Tamper Switch	Low Voltage Alert
On-Board Control Circuitry	Fire Alarm Terminals	On-Board Tri-Color LED
Legal Release Input	On-Board Audible Alarm	Reset Input
Programmable Relock Delay	Alarm Contacts	On-Board TouchEntry Reader
Selectable Nuisance Delay Alert	Selectable Unlock Alarm	Select Delayed Egress Time
Internal Pluger Switch (390DEL)	Auxiliary Input for Delayed Egress Activation (390DEL)	
Input for Delayed Egress Activation (390DLS)		

390PIR SENSORLOCK with On-Board PIR Immediate Egress Locking Systems



FUNCTION

This lock is designe dto immediately release with "no prior knowledge required" upon approach, while providing ongoing access control security and alarm output. Contacts are available to connecta a SPDT push-button for auxiliary egress. It is an easy-to-install, cost-effective access control system .Egress is triggered by an on-board Passive Infrared Motion detector, which immediately releases the lock upon entering the field of detection. Egress can also be augmented by an electrified exit bar. Standard features include an anti-tamper switch and alarm output. Up to 150 users may be programmed with a SelectEntry keypad and up to 500 TEK users may be programmed with a computer managed system. The on-board microprocessor accepts all Locknetics' TouchEntry readers and SelectEntry keypads for "plug and play" access control.

PIR SPECIFICATIONS

The 390PIR SensorLock contains an integral state-of-the-art PIR detector incorporating special detection and rejection features: Single step detection; light rejection filter to reject visible light variations; dual-element low noise pyroelectric detector; RF immunity up to 1000 MHz; pattern detecion-a solid curtain with a maximum coverage pattern of 28 degrees deep, 12' max height.

8371 SURFACE MINI MAGNETS



FUNCTION

RCI's low-profile mini magnets have been extremely popular for interior traffic control. The surface mini magnet design (1-7/8" width) helps keep undersized openings within code. These are ideal magnets for use on narrow-style aluminum doors.

FEATURES

- Low profile design
- Up to 750 lbs holding force
- Adjustable mounting bracket
- Field-selectable voltage 12/24V DC
- Stabilizing 4-bolt mag mounting
- Easy-access wiring cavity
- Optional LSS-Lock Status Sensor including LED
- Optional Z brackets for inswinging doors (TJ-71/TJ-72)

8310 MULTIMAG™



FUNCTION

These hard-working multi-purpose electromagnetic locks enhance building security and install quickly. Several standard features make these magnets the “workhorse” of the industry.

The adjustable mounting bracket has been enhanced with keyhole mounting bracket has been enhanced with keyhole mounting to support the magnet’s weight during initial installation, freeing the install’s hands to affix the magnet mounting screws. The removable cavity cover offers quick, easy access to wiring.

FEATURES

- Anodized clear aluminum or dark bronze finish
- Adjustable keyhole mounting bracket
- Built-in time delay
- 12/24VDC - field selectable
- Convenient plug-in wiring terminals
- Self-drilling tek fasteners
- Hardened steel armature nut
- Low energy consumption
- No residual magnetism
- MOV surge protection
- Stabilizing 4-hole mag mounting
- Easy-access wiring cavity



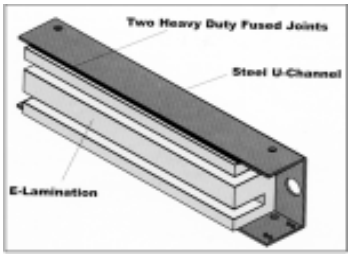
QS-8R001
ACCESS CONTROL SYSTEM
Complete with Electromagnetic Lock and Magstripe Card Reader

FEATURES

- Includes 8310 MultiMag (up to 1500 lbs)
- 12V DC Power Supply complete with fire panel disconnect
- 9310 Easy read card reader (expandable to 1,000 users) accepts user's own magstripe cards (optoinal user cards available)
- 970 Illuminated Exit Button
- Buildng code sign included

EMLOCKS
1511 thru 1542
Electromagnetic Locks with Replaceable Cores





METAL FUSION AND PATENTED"U" CHANNEL DESIGN

The electromagnetic steel laminatino is cradled and fused with the heavy gauge steel "U" chanel, stabilizing the resulitng electromagnetic force when energized. In addition, the potential for tweaked or separated lamination is eliminated while applied stress is stabilized evenly throught the electromagnetic core. EmLocks may be repeatedly stressed to the breaking point without reduction of holding force.

NON-TOXIC EPOXY-LESS DESIGN

An inherent benefit to the "U" channel design is the elimination of epoxy. The potential for toxic fumes in a fire is eliminated. A truly complete architectural appearance is provided.

COMPLETELY SERVICEABLE

All parts are replaceable. Should the need arise, the printed circuit terminal board and magnetic coil winding may be replaced without removing the lock from the frame, saving considerable time and expense.

FEATURES

- 1650lbs Holding Force
- No Epoxy
- Dual Voltage & Complete modular design
- Patented all steel magnetic core construction
- All Surfaces are plated or anodized
- Interlocking mounting plate and increased wiring access area
- On-board electronics module for numbered terminal block connections for power, door and lock status wiring



MS1850S DEADLOCK

- **Function:** A huge bolt of laminated stainless steel (nearly 3" long and actuated by an uncomplicated pivot mechanism) has made the deadlock the standard of the narrow stile door industry. The length of this bolt provides maximum security for any single leaf door, even a very tall and flexible one, or an installation where the gap between door and jamb is greater than it should be.
- **Operation:** 360 degree turn of key, or thumbturn, throws or retracts the bolt. Key can be removed, only when bolt is in locked or unlocked position. Accepts standard 1-5/32" mortise cylinder
- **Backsets:** 7/8", 31/32", 1-1/8" or 1-1/2"
- **Handing:** LH or RHR, RH or LHR or non-handed
- **Finishes:** Satin Aluminum, Bronze Anod. or Black Anod.
- **Faceplates:** Flat (MS1850S), Radius (MS1851S), RH Bevel (MS1852S-016), Radius w/ weatherstrip (MS1851SW), LH Bevel (MS1852S-015)



MS+1890 LATCH / LOCK

- **Function:** Deadlocked maximum security after hours, plus traffic-control convenience for management during the business day. Typical installation is in a bank or store requiring three modes of door control: (1) Both lock and latch bolts retracted for unrestricted entry and exit during business hours. (2) Handle-operated latch for exit-only traffic, just after closing. (3) Hookbolt for overnight lockup.
- **Operation:** Handle or paddle operates latchbolt only. 360 degree turn of key throws or retracts hook-shaped deadbolt. 120 degree further turn retracts latchbolt as well. 1-5/32" cylinder. Holdback latch allows door to free-swing.
- **Backsets:** 31/32", 1-1/8" or 1-1/2"
- **Handing:** LH or RHR, RH or LHR
- **Finishes:** Satin Aluminum, Bronze or Black
- **Faceplates:** Flat (MS+1890), Radius (MS+1891), RH Bevel (MS+1892RH), Radius w/ weatherstrip (MS+1891W), LH Bevel (MS1892LH)



4710 HEAVY DUTY DEADLATCH

- **Function:** Flexibility of traffic control during and after business hours. A reverse turn of the key (while bolt is held retracted) retains the bolt to allow two-way traffic for hospitals, banks, stores and other buildings which require free entrance at times and exit only at others. Uses any standard mortise cylinder with M.S. cam.
- **Operation:** Turn key or operate handle to retract spring-loaded latch bolt. To hold bolt retracted, push it in and secure by reverse turn of key.
- **Backsets:** 7/8", 31/32", 1-1/8" or 1-1/2"
- **Handing:** LH or RHR, RH or LHR
- **Finishes:** Aluminum, Bronze or Black
- **Strike Size:** 4.63" or 2.63"
- **Auxiliary bolt:** deadlocks latchbolt to prevent loiding or knife entry
- **Faceplates:** Flat (4710), Radius (4711), RH Bevel (4712-RH), Radius w/weatherstrip (4711W), LH Bevel (4712-LH)

4501 LATCH STRIKES

- **Function:** Designed for use in conjuction with Series 4500 or 4700 deadlatches, these strikes offer a choice of mounting methods: a back-up mounting plate included with the 4501 and 4502 allows installation flush in a hollow section jamb. For wood jambs, the mounting plate can be discarded and the strike plate and dust box mortised in. 220-0064 and 22-0063 are strike plates without dust box or back-up mounting plate, for mounting on jamb surface or on tube spacers to the back web of a hollow jamb. All strikes non-handed, suitable for right or left hand doors. Stainless steel plate.



Strikes can be ordered without dust box or mounting plate.

4501-01

- Standard flat strike furnished with 4730 deadlatches. Includes molded black plastic dust box. Long face designed to fill strike area of M.S. deadlocks with which these latches are interchangeable.

4501-02

- Same as -01, except radiused strike plate (for nose of opposite door when latching in pairs.)

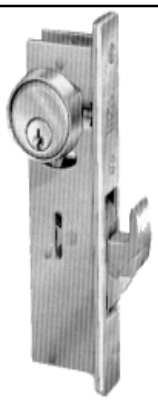
4502-01

- Standard flat strike furnished with 4510 and 4710 deadlatches. Includes molded black plastic dust box and steel mounting plate. Shorter than 4501.

4501-02

- Same as -01, except radiused strike plate (for nose of opposite door when latching in pairs.)

SLIDING DOOR LOCKS



MS1850S-050 SLIDING DOOR DEADLOCK

- **Function:** The MS Hookbolt deadlock answers the security need of sliding glass doors in commercial, industrial and institutional buildings. Identical to theMaximum Security swinging door lock, except that the massive laminated bolt is provided in a hook shape to resist the parting motion of sliding door and jamb.
- **Operation:** 360 degree turn of key, or thumbturn, throws or retracts the counter-balanced bolt. Accepts standard 1-5/32" mortise cylinder. Must have MS cam.
- **Backsets:** 7/8", 31/32", 1-1/8" or 1-1/2"
- **Bolt:** 5/8" x 1-3/8" with 13/16" throw.
- **Faceplates**: Flat MS1850S-050, Radius MS1851S-050, Radius w/WS MS1851SW-050, LH Bevel MS1852S-055, RH Bevel MS1852S-056



MS1850SNSI-050 SLIDING DOOR DEADLOCK

- **Function:** For hollow metal or wood sliding doors prepared for hardware according to ANSI specifications. Its standard 1-1/2" backset dimension provides adequate clearance for the deep jamb "pocket" of many commercial and industrial entrances. Also useful for swinging doors closing against jambs too shallow for the 1-3/8" throw of the MS1850SNSI swinging door deadlock.
- **Operation:** 360 degree turn of key, or thumbturn, throws or retracts the counter-balanced bolt. Accepts standard 1-5/32" mortise cylinder. Must have MS cam.
- **Backset:** 1-1/2" • **Bolt:** 5/8" x 1-3/8" with 13/16" throw. • **Finishes:** Faceplate is US28
- **Faceplates:** Flat MS1850S-050, Radius MS1851S-050, LH Bevel MS1852S-055, RH Bevel MS1852S-056



2331 SLIDING DOOR DEADLOCK

- **Function:** A heavy duty deadlock for heavy duty metal or wood sliding doors. It throws a massive brass bolt into its strike, then expands two stainless steel dogs to secure the door. A single turn of the key extends and expands or retracts and withdraws the bolt. Operates with standard mortise cylinder (standard cam) or with standard mortise cylinder type thumbturn. There is no latch action.
- **Operation:** 360 degree turn of key (or thumbturn) extends & expands or retracts & withdraws the bolt.
- **Backset:** 1-3/4"
- **Bolt:** 1/2" x 1-1/2". 3/4" throw.
- **Finishes:** US3, US10, US26, US26D
- **Strike Size:** 1/8" x 1" x 4-11/16"
- **Armor Faceplate:** Flat. 1" x 5-3/4". Brass.
- **Case:** Zinc alloy



MS1847 SLIDING DEADLOCK / LATCH

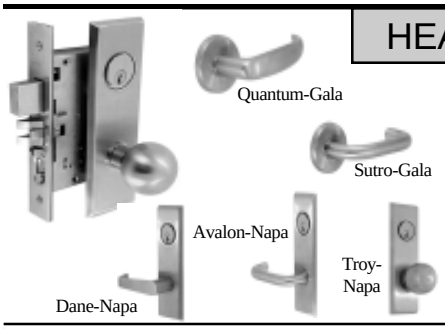
- **Function:** Fits a very narrow sliding door stile without compromising the high degree of security needed. The sturdy stainless steel bolt has two important features: Adjustable: a full 3/16" lengthening or shortening of bolt projection by turning exposed screw. If the door is closed with bolt in locked position, the bolt will retract immediately on contact with the jamb.
- **Anti-Lift Bolt:** 3 ply laminated stainless steel.
- **Latch Version:** The same stainless steel hookbolt, but spring-loaded for automatic latching.
- **MS1847-02** - Face: this version has a rectangular or full radiused end.



5017 SLIDING DOOR DEADLOCK FOR WOOD DOORS

- **Function:** For wood framed sliding doors, the 5017 provides 1000lbs strength a deeper backset to clear the recessed jamb. Bolt throw is adjusted by a screw in the faceplate. Mounting is by through-bolts which also secure the inside turn and outside cylinder, when installed.
- **Operation:** 45 deg rotation of turn or key throws or retracts bolt. Bolt is self-protecting.
- **Backset:** 1-3/16" • **Faceplate:** 5/8" x 4-1/2", with radiused ends.

HEAVY-DUTY COMMERCIAL LOCKSETS



M SERIES MORTISE LOCKSETS

- 5 lever designs, 3 knob designs, 26 functions and 7 finishes
- UL/cUL listed for 3 hour A label doors
- Field reversible lock case and trim
- Through-bolt trim eliminates binding caused by misalignment
- Independent, heavy-duty return springs eliminate lever sag
- 1" projection deadbolt with hardened steel, free-turningsaw-resistant inserts
- 3/4" throw anti-friction latchbolt



T SERIES GRADE 1 KEY-IN-LEVER LOCKSETS

- 3 lever designs, 14 functions and 6 finishes
- UL/cUL listed for 3 hour A label doors
- Meets ADA requirements
- Non-handed through-bolted cylindrical chassis
- PressureRelease™ lever stands up to heavy abuse and resists vandalism
- Independent heavy-duty return springs eliminate lever sag
- Accepts virtually all competitors' standard cylinders and interchangeable cores.



X SERIES GRADE 1 KEY-IN-KNOB LOCKSETS

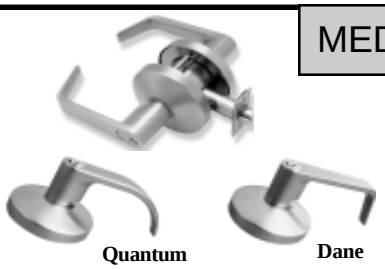
- 3 knob designs, 13 functions and 8 finishes
- UL/cUL listed for 3 hour A label doors
- Field reversible cylindrical chassis
- Available in stainless steel configuration; ideal for corrosive environments.



D400 SERIES GRADE 1 DEADLOCK

- 4 functions and 6 finishes
- Barrier-free turnpiece design
- Non-handed
- 1" projection deadbolt with hardened steel, free-turning saw-resistant insert
- Tapered, solid bar stock brass housing resists vandal attack
- Attaches to door with 1/4" thick hardened steel through-bolts

MEDIUM-DUTY COMMERCIAL LOCKSETS



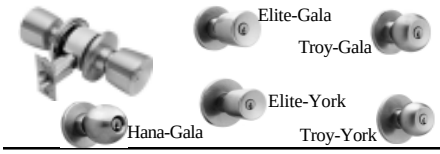
B SERIES GRADE 2 KEY-IN-LEVER LOCKSETS

- 2 lever designs, 9 functions, and 6 finishes
- UL/cUL listed for 3 hour A label doors
- Meets ADA requirments
- Non-handed through-bolted cylindrical chassis
- Independent, heavy-duty return springs eliminate lever sag
- 3-1/2" diameter rose provides design compatibility with T series Grade 1 lever lockset



Z SERIES GRADE 2 KEY-IN-LEVER LOCKSET

- 1 lever design, 8 functions and 4 finishes
- UL/cUL listed for 3 hour A label doors
- Meets ADA requirements
- Non-handed chassis, with torque-stabailizing system
- Fastest installation in the industry
- Large rose to cover ANSI 161 door prep



S SERIES GRADE 2 KEY-IN-KNOB LOCKSET

- 3 designs, 8 funcitons and 6 finishes
- UL/cUL listed for 3 hour A label doors
- Field reversible cylindrical chassis



D800 SERIES GRADE 2 DEADLOCK

- 7 functions and 6 finishes
- 1" projection deadbolt with hardened steel, free-turning saw-resistant insert
- Non-handed
- Barrier-free turnpiece design (K suffix)
- Attaches to door with 1/4" thick hardened steel through-bolts

MEDIUM-DUTY COMMERCIAL LOCKSETS (continued)

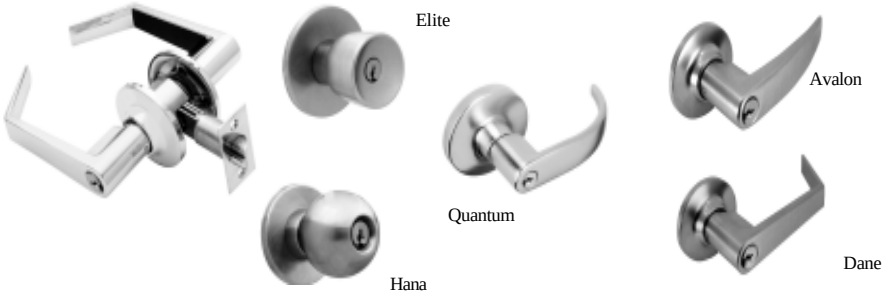


H SERIES GRADE 2 INTERCONNECTED LOCKSETS

- 2 knob designs, 1 lever design, 4 functions and 3 finishes
- UL/cUL listed for 1-1/2 hr B label doors
- Lever style trim meets ADA requirments
- 1" projection deadbolt with hardened steel, free-turningsaw-resistant inserts
- Deadbolt has barrier-free turnpiece design

STANDARD/LIGHT-DUTY COMMERCIAL LOCKSETS

F SERIES GRADE 2 KEY-IN-LEVER OR KEY-IN-KNOB LOCKSETS



- 3 lever designs, 2 knob designs, 7 functions and 5 finishes
- Optional UL/cUL listed for 1-1/2 hour B label doors
- Lever designs meets ADA requirements
- Non-handed tubular chassis, through-bolted through the latch
- Integrated knob/lever, rose and chassis assembly permits easy "3-Step" installation



G SERIES GRADE 3 LEVERSET

- 1 design, 3 functions and 3 finishes
- Meets ADA requirements
- Non-handed tubular chassis
- Integrated lever, rose and chassis assembly permits easy "3-Step" installation

RETROFIT PRODUCTS



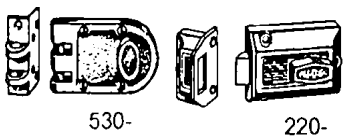
RU SERIES GRADE 1 UNIT LOCK RETROFIT LOCKSETS

- 3 lever designs, 12 functions and 6 finishes
- Complies with ADA easy access requirements
- Preserves existing facility doors and frames
- Easy installation with minimal door modifications
- Non-handed through-bolted cylindrical chassis
- Independent heavy-duty return springs eliminate lever sag
- Strikes available to match existing frame preparation
- Features a 4" square rose which covers all existing mounting holes, most paint lines and required door rework
- PressureRelease lever stands up to heavy abuse and resists vandalism

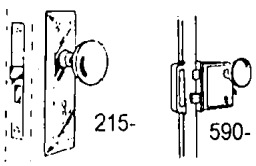
RELEVER KIT FOR EXISTING KNOB-STYLE MORTISE LOCKS

- 3 lever designs and 6 finishes
- Attractive, inexpensive solution to ADA compliance on existing mortise knob trim
- Retrofit most manufacturers' mortise knob locks in "3 easy" steps
- Standard or interchangeable core option and UL/cUL listed kits available

ILCO AUXILIARY LOCKS



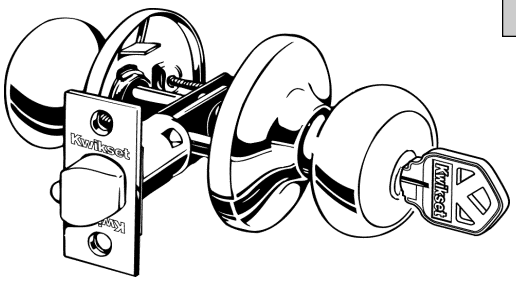
Item #	Description
215-04-51	Bit key mortise lockset (2B)
AD4605	Mortise Lockset (IN3)
220-53-41	Night Latch (KW1)
530-53-41	Jimmyproof Deadbolt (KW1) Sgl Cyl





Item #	Description
535-53-41	Jimmyproof Deadbolt (KW1) Dbl Cyl
545-53-41	Surface Deadlock
590-04-51	Rim Lockset - Vertical (2B)
591-04-51	Rim Lockset - Horizontal (2B)

KNOBS



PRODUCT FEATURES:

- Easy installation in three simple steps
- A wide selection of finishes are available
- Exquisitely versatile. Available as the interior knob design with any Kwikset handleset to carry a matching theme throughout the home. Reversible for right- or left-handed doors.
- 10 year mechanical warranty and 5 year finish warranty
- Made in USA

SPECIFICATIONS

Door Prep	Crossbore: 2-1/8" Edge Bore: 1" Latch Face: 1" x 2-1/4"
Backset	2-3/8" square corner plain latch standard on all interior functions (Tylo & Polo only). 2-3/8" square corner plain latch standard on all Kwikset interior function knobs. 2-3/8" square corner deadlatch standard on all exterior functions. Other options available.
Door Thickness	Fits 1-3.8" to 1-3/4" doors. 2-1/4" optional on 200 and 400 functions only.
Cylinder	5 pin
Faceplates	1" x 2-1/4" square corner standard. Round corner and other options available.
Strikes	2-1/4" high full lip square corner standard. Other options available.
Door Handing	Reversible for right or left handed doors.
Bolt	1/2" throw for all functions except Tylo & Polo, 200 & 300 which are 3/8" throw.



Polo®

The perfect enhancement for traditional or contemporary homes, the Polo is made of one piece of brass. Its rounded design is proportioned to comfortably fit the palm of the hand.



Tylo®

This classic design is at home in any décor. Its style lends a graceful finish to any doorway.



Valiant®

This timeless design of the Valiant knob is a great addition to traditional or colonial style décor.

FUNCTIONS

FUNCTION	MODEL# ANSI#	DESCRIPTION
	100 F77	**Patio/Porch:** Turn knob in interior locks both knobs
	200 F75	**Hall & Closet:** For interior doors where a simple latch is required. Plain knob both sides.
	300 F76	**Bed & Bath:** Turn knob in intr. knob locks both knobs. Emergency entry key will open both knobs
	300 F76	**Bathroom:** Same function as 300 Bed & Bath except US 26 finish on interior doors.
	400 F82	**Entry:** Keyed exterior. Turn button interior will lock or unlock both knobs.
	401 F81	**Entry:** Same function as the 400 except interior knob is independent and will always open door.
	488	**Dummy:** For doors where only a pull is required.
	489	**Dummy with Stems:** For doors where only a pull is required. No operation.
	487	**Dummy Knobset:** Combination of 488 and 489.

FINISHES

Design	BOX PACK					CLEAR PACK				
US FINISHES	3	5	15A	26	26D	3	5	15A	26	26D
Polo	x	x	x	x	x	x	x	x	x	x
Tylo	x	x		x	x	x	x		x	x
Valiant	x	x		x	x	x	x			
BHMA FINISHES	605	609	620	625	626	605	609	620	625	626

600 SERIES HANDLESETS

PRODUCT FEATURES:

- Includes 1" throw deadbolt for tough, effective protection.
- Affordably priced.
- Versatile—a full range of Kwikset knobs and levers complement any exterior handleset design.
- 10 year mechanical warranty and 5 year finish warranty
- Made in USA

SPECIFICATIONS

Door Prep	Plain latch & Deadbolt: Crossbore: 2-1/8" Edge bore: 1" Latch Face: 1" x 2-1/4"
Backset	Deadbolt: 2-3/8" or 2-3/4" sqr corner deadbolt. Plain latch: 2-3/8 " or 2-3/4" sqr corner latch bolt. Round corner & other options available in box pack only
Door Thickness	1-3/4" doors standard. 2-1/4" optional. Must specify at time of order.
Cylinder	5 pin cylinder
Faceplates	1" x 2-1/4" sqr corner std
Strikes	Deadbolt: 1" x 2-1/4" sqr corner std. Plain latch: 2-1/4" full lip sqr corner std. Other options available in box pack only.
Door Handing	Reversible for right or left handed doors. Specify right or left hand door for all levers used for interior trim.
Bolt	Deadbolt: 1" throw Plain latch: 1/2" throw



Arbor

Traditional and welcoming, the Arbor makes a distinctive design statement. This handleset is perfect for a town house or a traditional style setting.



Farmington

With an ornate, patterned design, the Farmington presents a beautiful entry for traditional, contemporary, or colonial style homes.



Jamaica

The clean lines of the Jamaica lend a casual ambiance to your entry door. This handleset offers security with a flair.

FINISHES

Design	BOX PACK			CLEAR PACK	
US FINISHES	3	5	15A	3	5
Arbor	x	x	x	x	x
Farmington	x	x	x	x	x
Jamaica	x	x	x	x	x
BHMA FINISHES	605	609	620	605	609

FUNCTIONS

FUNCTION	MODEL#	DESCRIPTION
	662 687 696	**Sectional Handleset with Single Cylinder Deadbolt and Matching Trim:** Thumbpiece operates latch from exterior. Non-locking knob or lever opreates latch from interior. Key operates deadbolt from exterior turnpieces operates deadbolt from interior.
	674 689 697	**Sectional Handleset with Double Cylinder Deadbolt and Matching Trim:** Thumbpiece operates latch from exterior. Non-locking knob or lever operates latch from interior. Key operates deadbolt from exterior or interior.
	679 698 699	**Sectional Handleset with Dummy Deadbolt and Matching Trim:** For non-working side of double doors. Matching dummy (non-functioning) handleset and dummy deadbolt.

DEADBOLTS



660 - Single Cylinder



665 - Double Cylinder

One Sided Deadbolts: **663** - Thumbturn one side for wood doors; **667** - Thumbturn one side; **664** - Retrofit kit for 663

	SINGLE CYLINDERS			DOUBLE CYLINDERS
	660	**663**	**667**	**665**
Door Prep:				
Crossbore	2-1/8"	1-5/8"	2-1/8" or 1-1/2"	2-1/8"
Edge Bore	1"	1"		1"
Latch Face	1" x 2-1/4"	1" x 2-1/4"	1" x 2-1/4"	1" x 2-1/4"
Backset	2-3/8" Stanard. 2-3/4" Optional			
Door Thickness	1-3/8" - 1-3/4" Doors Standard			
Cylinder	5 pin	---	---	5-pin
Faceplates	1" x 2-1/4" sqr corner standard. Round corner & other options available			
Stikes	1" x 2-1/4" sqr corner standard. Round corner & other options available			
Door Handing	Reversible for right or left-hand doors.			
Bolt	1" Throw			
ANSI/BHMA	-----	A156.5 Grade 3	A156.5 Grade 3	---

FUNCTIONS

FUNCTION	MODEL# ANSI#	DESCRIPTION
	660	**Single Cylinder:** Deadbolt operated by key outside and thumbturn inside.
	665	**Double Cylinder:** Deadbolt operated by key both sides.
	663 EO193	**Thumbturn only:** Deadbolt operated by thumbturn one side. No trim on other side.
N/A	664	**Conversion Kit:** Converts 663 to 667 when door is bored through
	667 EO193	**Thumbturn x Plate:** Deadbolt operated by thumbturn one side. Blank plate other side.

FINISHES

MODEL# US FINISHES	3	5	15A	26	26D
660, 665	x	x	x	x	x
663	x	x		x	x
664, 667	x	x		x	x
BHMA FINISHES	605	609	620	625	626

KNOBS

Bel Air®
The delicate tulip shape blends ideall with any interior or exterior door.



Copa
The handsomely styled Copa design fits any home, colonial to contemporary.



Eclipse
A distinctive design that adds a touch of luxury to any décor.



PRODUCT FEATURES

- 3 step easy installation
- Anti-pry shield to resist tampering
- Heavy-duty torque springs for extra durability
- Versatile with a large selection of finishes to choose from.
- 25 year mechanical warranty and 5 year finish warranty.
- Made in USA

FINISHES

Design	BOX PACK				CLEAR PACK			
US FINISHES	3	5	26	26D	3	5	26	26D
Bell Air	x	x	x	x	x	x		
Copa	x	x	x	x	x	x		
Eclipse	x	x	x	x	x	x		
BHMA FINISHES	605	609	625	626	605	609	625	626

SPECIFICATIONS

Door Prep	Crossbore: 2-1/8" Edge Bore: 1" Latch Face: 1" x 2-1/4"
Backset	#2974-01 2-3/8" square corner plainlatch std. #2975-01 2-3/8" square corner deadlatch std on all exterior functions. Other options available
Door Thickness	Fits 1-3/8" to 1-3/4" doors. 2-1/4" optional on 200 & 400 functions only.
Cylinder	#81850 5 pin (#88349 for Eclipse model)
Faceplates	1" x 2-1/4" square corner standard. Round corner and other options available.
Strikes	#3437 2-1/4" high full lip square corner standard. Other options available.
Door Handing	Reversible for right or left handed doors.
Bolt	1/2" throw for all functions
ANSI/ BHMA	A156.2 Grade 3

FUNCTIONS

FUNCTION	MODEL# ANSI#	DESCRIPTION
	100 F77	**Patio/Porch:** Both knobs locked or unlocked by thumbturn inside
	200 F75	**Passage/Hall & Closet:** Both knobs always free.
	300 F76	**Bed & Bath:** Both knobs locked or unlocked by turnbutton inside. Outside knob unlocked by emergency key.
	300 F76	**Bathroom:** Same function as 300 Bed & Bath except inside knob polished chrome.
	400 F82	**Entry:** Both knobs locked/unlocked key outside or turnbutton inside.
	450 F86	**Storeroom/Vestibule:** Outside unlocked only while key is turned. Inside always free.
	488	**Half Dummy:** For doors wher only pull is required
	489	**Half Dummy with Stems:** For doors where only a pull is required--through bolted. No operation.
	487	**Dummy Knobset:** For doors where only a pull is required. No operation. Combo of 488 & 489.

LEVERS


Delta


Dorian™


Lido


Portico™


Saxton™

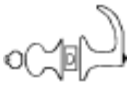
PRODUCT FEATURES

- Exceptional quality with the fit, feel and improved durability of a premium lever
- Heavy-duty dual torque springs for extra durability
- Exceptional value with greatly enhanced designs
- Fits standard door preparation
- Meets ADA requirements on 200, 487, 488 and 489 functions.
- 25 year mechanical warranty and 5 year finish warranty
- Made in USA

SPECIFICATIONS

Door Prep	Crossbore: 2-1/8" Edge Bore: 1" Latch Face: 1" x 2-1/4"
Backset	2-3/8" square corner standard.
Door Thickness	1-3/8" to 1-3/4" doors
Cylinder	Entry functions use Kwikset knobs on exterior side and feature 5 pin cylinders
Faceplate	1" x 2-1/4" square cornder standard
Strike	2-1/4" full lip square corner standard
Door Handing	Specify right or left handed door for Lido or Saxton levers. All other models are non-handed.
ANSI/ BHMA	A156.2 Grade 3
ADA	Functions 200, 487, 488, 489 satisfy section 4.13.9 requirements

FUNCTIONS

FUNCTION	MODEL# ANSI#	DESCRIPTION
	100 F77	**Patio/Porch:** Both sides locked or unlocked by thumbturn inside
	200 F75	**Passage/Hall & Closet:** Both sides always free.
	300 F76	**Bed & Bath:** Both sides locked or unlocked by turnbutton inside. Outside lever unlocked by emergency key.
	300 F76	**Bathroom:** Same function as 300 Bed & Bath except inside lever polished chrome.
	400 F82	**Entry:** Both sides locked/unlocked key outside or turnbutton inside.
	401 F81	**Entry:** Both sides locked/unlocked key outside or turnbutton inside. Inside always free.
	450 F86	**Storeroom/Vestibule:** Outside unlocked only while key is turned. Inside always free.
	488	**Half Dummy:** For doors wher only pull is required
	489	**Half Dummy with Stems:** For doors where only a pull is required--through bolted. No operation.
	487	**Dummy Knobset:** For doors where only a pull is required. No operation. Combo of 488 & 489.

FINISHES

Design	BOX PACK					CLEAR PACK				
US FINISHES	**3**	**5**	**15A**	**26**	**26D**	**3**	**5**	**15A**	**26**	**26D**
Delta	x	x	x	x	x	x	x		x	x
Dorian	x	x	x	x		x	x	x		
Lido	x	x	x	x	x	x	x			
Portico	x	x	x	x		x	x			
Saxton	x	x		x		x	x			
BHMA FINISHES	**605**	**609**	**620**	**625**	**626**	**605**	**609**	**620**	**625**	**626**

400 SERIES ONE-PIECE HANDLESETS

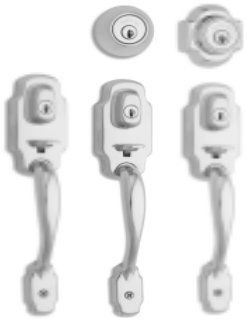
PRODUCT FEATURES

- Available with a keyed-alike single or double cylinder deadbolt with matching trim.
- Satisfies two-point locking requirements
- Extremely versatile. Choose from an array of Kwikset knobs and levers to complement any one-peice handleset design.
- Offered with or without matching deadlock trim to accent any door.
- 25 year mechanical warranty and 5 year finish warranty
- Made in USA



Gibson

Welcoming and warm, the Gibson features a soft, oval design. A pleasing addition to any entrance door.



Darby

Sculptured, contoured styling gives this handleset a European flair. Carefully detailed, it makes a handsome design statement.

SPECIFICATIONS

Door Prep Handle: Deadlock:	 Crossbore: 2-1/8"; Edge Bore: 1"; Latch Face: 1" x 2-1/4" Crossbore: 2-1/8" or 2-1/4"; Edge Bore: 1"; Latch Face: 1" x 2-1/4". When ordered with cylinder deadbolt, recommended center to center hole bore is 5-1/2"
Latch Handle: Deadbolt:	 #2975-01: 2-3/8" sq corner ½" throw deadlatch std. #3003-01: 2-3/4" sq corner ½" throw deadlatch opt. Other options available in box pack only. #6084-01: adjustable backset with 1" throw std.
Door Thickness	1-3/4" doors standard. 2-1/4" optional
Cylinder	5 pin
Faceplates	1" x 2-1/4" square corner std. Round corner and other options available.
Strikes	#83437: 2-1/4" high full lip square corner std. #83222: Max. security 1-1/4" x 3-5/8" sqr corner std when ordered with deadbolt. #83223: Max security 1-1/4" x 3-5/8" round corner strike optional in clear and box back. Other options available in box pack only.
Door Handing	Reversible for right or left handed doors. Specify right or left handed door for Lido and Saxton levers.
ANSI/ BHMA	A156.5 Grade 3 for both handle and deadlock.

FUNCTIONS

FUNC.	MODEL# ANSI#	DESCRIPTION
	421 Darby 431 Gibson F94	**One piece Handleset:** Latchbolt operated by thumbpiece outside and grip inside, except when both are locked by key outside or turnbutton inside.
	424 Darby 434 Gibson	**One Piece Dummy Handleset:** Handle and grip act as pull only, for inactive leaf of double doors. No operation
	422 Darby 463 Darby* 432 Gibson 464 Gibson* F94+EO153	**One Piece Handleset w/Single Cylinder Deadlock:** Latchbolt operated by thumbpiece outside and grip inside, ex cept when both are locked by key outside or turnbutton inside. Deadlock operated by key outside or thumbturn inside.
	423 Darby 463 Darby* 433 Gibson 466 Gibson* F94+EO143	**One Piece Handleset w/Double Cylinder Deadlock:** Latchbolt operated by thumbpiece outside and grip inside, except when both are locked by key outside or turnbutton inside. Deadlock operated by key both sides.
	425 Darby 468 Darby* 435 Gibson 469 Gibson*	**One Piece Dummy Handleset w/ Dummy Deadlock:** Handle and grip act as pull only , for inactive leaf of double doors. No Operation.

FINISHES

Design	BOX			CLEAR		
US FINISHES	3	5	26	3	5	26
Darby	x	x	x	x	x	
Gibson	x	x		x	x	
BHMA FINISHES	605	609	625	605	609	625

***Matching Deadbolt Trim**

700 SERIES HANDLESETS

PRODUCT FEATURES

- Lasting dependability with durable steel and solid brass components.
- Increased strength and protection with heavy-duty adapter plat
- Full 1" throw deadbolt with free turning steel insert.
- A full range of Kwikset knobs and levers available.
- Offered with or without matching deadlock trim to accent any decor.
- 25 year mechanical warranty and 5 year finish warranty
- Made in USA



Monroe ™

The rounded design of the Monroe is an elegant first impression for any colonial or traditional entryway.

Garnet ™

Lean and sleek, the classic styling of the Garnet blends contemporary scale with classic design.



SPECIFICATIONS

Door Prep Handle: Deadlock:	 Crossbore: 2-1/8" Edge Bore: 1" Latch Face: 1" x 2-1/4" Crossbore: 2-1/8" or 1-1/2" Edge Bore: 1" Latch Face: 1" x 2-1/4".
Bolts Handle: Deadbolt:	 1/2" throw #2974-01 2-3/8" square corner plainlatch standard. # 2999-01: 2-3/4" square corner plainlatch optionsl. Other options available in box pack only. 1" throw #6084-01 adjustable backset fits 2-3/8" and 2-3/4" standard
Door Thickness	1-3/4" doors standard 2-1/4" optional
Cylinder	5 pin
Faceplates	1" x 2-1/4" square corner standard
Strikes	#83437: 2-1/4" high full lip square corner standard. Other options available in box pack only. #85072: 1" x 2-1/4" square corner standard #85063: 1" x 2-1/4" round corner optional.
Door Handing	Reversible for right or left handed doors. Specify right or left handed door for Lido and Saxton levers.
ANSI/BHMA	Deadlock A156.5 Grade 3. No standard exists for non-keyed handlesets.

FUNCTIONS

FUNC.	MODEL#	DESCRIPTION
	734 Garnet* 757 Garnet 712 Monroe* 727 Monroe	**Sld Brass Sectional Handleset w/ Single Cylinder Deadlock:** Latchbolt operated by thumbpiece outside and grip inside. Deadbolt operated by key outside and thumbturn inside.
	758 Garnet 798 Garnet* 728 Monroe 739 Monroe*	**Handlset w/Double Cylinder Deadlock:** Latchbolt operated by thumbpiece outside and grip inside. Deadbolt operated by key both sides.
	703 Garnet* 759 Garnet 702 Monroe* 729 Monroe	**Dummy Handleset w/ Deadlock Trim:** Handle and grip act as pull only. For inactive leaf of double doors.

***Matching Deadbolt Trim**

FINISHES

Design	BOX			CLEAR		
US FINISHES	3	5	26D	3	5	26D
Garnet	x	x	x	x	x	
Monroe	x	x		x	x	
BHMA FINISHES	605	609	626	605	609	626

KNOBS


Abbey


Circa


Cortez


Hancock


Roman

PRODUCT FEATURES

- ANSI A156.2 Grade 2 rating-highest residential grade passible.
- Full 50 year mechanical and 10 year finish warranty
- Easy to re-key with front removable cylinder (box pack only)
- Compatible with Kwikset's 5 pin keying sysem
- Consumer preferred designs
- Fits most doors
- Made in USA

SPECIFICATIONS

Door Prep	Crossbore: 2-1/8" Edge Bore: 1" Latch Face: 1" x 2-1/4"
Backset	2-3/8" sqr corner std. 2-3/4" sqr corner optional. Other options available
Door Thickness	Fits 1-3/8" to 1-3/4" doors, except 700 & 701. 1-7/8" to 2-1/4" optional, 720 & 740 models only
Cylinder	6 pin
Faceplates	1" x 2-1/4" sqr corner std
Strikes	2-1/4" full lip sqr corner strike std
Door Handing	Reversible for right- or left-handed doors
Latchbolt	½" throw. Nickel plated
ANSI Std	A156.2, Grade 2

FUNCTIONS

	MODEL# ANSI#	DESCRIPTION
	710 F77	**Patio/Porch:** Turn button on interior knob locks both knobs. Plain exterior knob.
	720 F75	**Hall & Closet:** For interior doors where a simple latch is required. Plain knob both sides.
	730 F76	**Bed & Bath:** Turn knob in intr. knob locks both knobs. Emergency entry key will open exterior knob
	730 F76	**Bathroom:** Same function as 730 Bed & Bath except US 26 finish on interior knob.
	740 F82	**Entry:** Keyed exterior. Turn button interior will lock or unlock both knobs.
	741 F81	**Entry:** Same function as the 740 except interior knob is independent and will always open door.
	744 F84	**Classroom:** Locked/unlocked by key only. Independent interior knob will always open door.
	750 F86	**Vestibule:** Plain independent interior knob and always locked exterior knob.
	700	**Entry Double Cylinder:** Both knobs lock/unlock simultaneously with key from either side. Fits 1-3/8" to 1-5/8" doors.
	701	**Entry Double Cylinder:** Both knobs lock/unlock simultaneously with key from either side. Fits 1-3/8" to 1-5/8" doors.
	788	**Dummy:** For doors where only a pull is required.
	789	**Dummy with Stems:** For doors where only a pull is required. No operation.
	787	**Dummy Knobset:** Combination of 488 and 489.

FINISHES

Design	BOX PACK						CLEAR PACK					
US FINISHES	3	5	15A	26	26D	---	3	5	15A	26	26D	---
Abbey	x	x		x	x		x	x			x	
Circa	x	x	x	x	x	x	x	x		x	x	x
Cortez	x	x	x	x	x		x	x				
Hancock	x	x	x	x	x		x	x	x	x	x	
Roman	x	x	x				x	x				
BHMA FINISHES	605	609	620	625	626	690	605	609	620	625	626	690

LEVERS

PRODUCT FEATURES

- Solid brass construction.
- Non-handed designs install easily on right-or left handed interior doors.
- Four consumer preferred designs add a touch of elegance to any home.
- High-security 6 pin cylinder TITAN knobs standard on all exterior entry functions.
- Exterior entry knobs easy to re-key with front removable cylinder (box pack only).
- Full 50 year mechanical and 10 year finish warranty.
- Achieves ANSI A156.2 Grade 2 rating-highest residential grade possible.



Hampshire ™
Beautifully simple, combines elegance with versatility

Continental ™
Delicate sweeping scroll adds elegance to any decor.



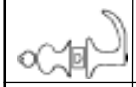
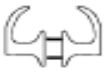


Steadham ™
Clean and bold lines offers an always attractive accent.

Tulane ™
Graceful and beautiful enhancement for any doorway.



FUNCTIONS

FUNC	MODEL# ANSI#	DESCRIPTION
	720 F75	**Hall & Closet:** For interior doors where a simple latch is required. Plain lever both sides.
	730 F76	**Bed & Bath:** Turn knob in intr. lever locks both levers. Emergency entry key will open both lever
	730 F76	**Bathroom:** Same function as 730 Bed & Bath except US 26 finish on interior lever.
	740 F82	**Entry:** Keyed exterior. Turn button interior will lock or unlock both levers.
	741 F81	**Entry:** Same function as the 740 except interior lever is independent and will always open door.
	750 F86	**Vestibule:** Plain independent interior lever and always locked exterior lever.
	788	**Dummy:** For doors where only a pull is required.
	789	**Dummy with Stems:** For doors where only a pull is required. No operation.
	787	**Dummy Knobset:** Combination of 789and 788.

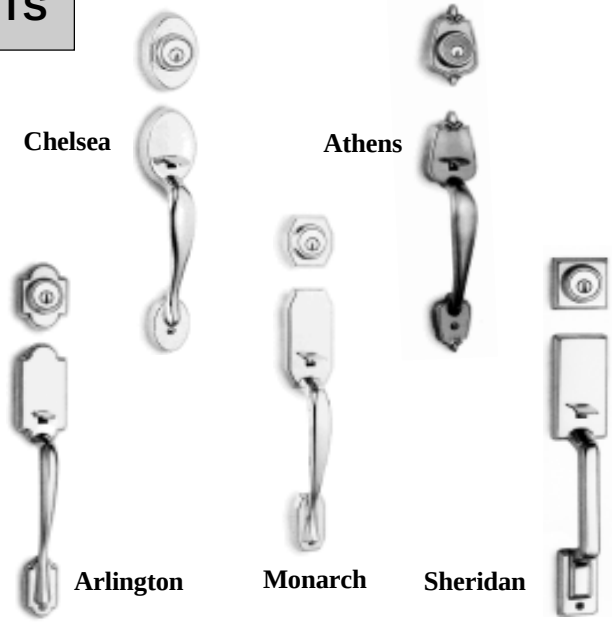
SPECIFICATIONS

Door Prep	Crossbore: 2-1/8" Edge Bore: 1" Latch Face: 1" x 2-1/4"
Backset	2-3/8" square corner standard
Door Thickness	1-3/8" to 1-3/4 Standard. 1-7/8" to 2-1/4" optional, 720 & 740 models only.
Cylinder	Entry functions will utilize TITAN 6 pin cylinder knob on exterior side of door
Faceplate	1" x 2-1/4" square corner standard
Strike	Full lip square corner strike standard
Door Handing	Only where functions indicate, specify handing left hand (LH) or right handed (RH).
ANSI Std.	A156.2, Grade 2

FINISHES

Design	BOX PACK						CLEAR PACK					
US FINISHES	3	5	15A	26	26D	---	3	5	15A	26	26D	---
Hampshire	x	x	x	x			x	x	x	x		
Continental	x	x					x	x				
Steadham	x	x		x			x					
Tulane	x	x		x	x	x	x	x				x
BHMA FINISHES	605	609	620	625	626	690	605	609	620	625	626	690

HANDLESETS



PRODUCT FEATURES

- Solid brass construction.
- Extra large interior turnpiece for easier locking & unlocking.
- 50 year mechanical and 10 year finish warranty.
- Deadbolt achieves ANSI A156.5 Grade 2 rating. Highest residential grade possible.
- Easy to re-key with front removable cylinder (box pack only).
- Compatible with Kwikset's 5 pin keying systems.
- Easing installation on all solid, hollow core and metal doors.
- Max security, heavy gauge deadbolt strike with extra long 3" screws.
- Installs easily on right- or left-handed doors.

SPECIFICATIONS

Door Prep	Crossbore: 2-1/8" Edge Bore: 1" Latch Face: 1" x 2-1/4"
Backset Deadbolt: Plainlatch:	 Adj. Deadbolt latch std. Fits 2-1/8" or 2-3/4" 2-3/8" sqr corner plainlatch. 2-3/4" sqr corner plainlatch optional.
Door Thickness	1-3/4" doors standard. For 2-1/4" thick doors, special order is required. Not designed for use on 1-3/8" doors.
Cylinder	6 pin
Faceplate	1" x 2-1/4" square corner std. Other options available.
Strikes Deadbolt: Plainlatch:	 Max security 1-1/4" x 3-5/8" sqr corner std. Max security 1-1/4" x 3-5/8" round corner optional. 2-1/4" high full lip sqr corner std. Other options available.
Bolt Deadbolt: Plainlatch:	 1" throw. Nickel plated steel. ½" throw. Nickel plated.
Door Handing	Reversible for right or left handed doors. Specify handing when ordering all levers as interior trim for exterior doors.

FUNCTIONS

FUNC	MODEL# ANSI#	DESCRIPTION
	**800** **803** **806** **809** **812**	**Solid Brass Sectional handleset with Single Cylinder Deadbolt and Matching Trim**: Thumbpiece operates latch from exterior. Non-locking knob or lever operates latch from interior. Key operates deadbolt from exterior, turnpiece operates deadbolt from interior.
	**801** **804** **807** **810** **813**	**Solid Brass Sectional handleset with Double Cylinder Deadbolt and Matching Trim**: Thumbpiece operates latch from exterior. Non-locking knob or lever operates latch from interior. Key operates deadbolt from exterior or interior.
	**802** **805** **808** **811** **814**	**Solid Brass Sectional handleset with Dummy Deadbolt and Matching Trim**: For non-working side of double doors. Matching dummy (non-functioning) handleset and dummy deadbolt.

FINISHES

Design	BOX PACK						CLEAR PACK					
US FINISHES	3	5	15A	26	26D	---	3	5	15A	26	26D	---
Arlington	x	x	x	x			x	x	x			
Athens		x	x					x	x			
Chelsea	x	x	x		x	x	x	x				x
Monarch	x	x					x	x				
Sheridan	x	x	x	x		x	x	x		x		
BHMA FINISHES	605	609	620	625	626	690	605	609	620	625	626	690

DEADBOLTS

PRODUCT FEATURES

- Extra large interior turnpiece for easier locking and unlocking.
- Achieves ANSI 156.5 Grade 2 rating—highest residential grad possible.
- 50 year mechanical and 10 year finish warranty.
- Max security, heavy gauge strike with extra long 3” screws.
- Easy to re-key with front removable cylinder (Box Pack only).
- Compatible with Kwikset’s 5 pin keying system.
- Fits most doors.
- Made in USA.



780 Single Cylinder Deadbolt

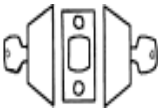


785 Double Cylinder Deadbolt

SPECIFICATIONS

Door Prep	Crossbore: 2-1/8” or 1-1/2” Edge Bore: 1” Latch Face: 1” x 2-1/4”
Backset	Adj. Deadbolt latch std. Fits 2-3/8” or 2-3/4”
Door Thickness	1-3/8” to 1-3/4” std. 1-7/8” to 2-1/4” optional.
Cylinder	6 pin cylinder. Front removable cylinder with rekeying tool standard in Box Pack, not included in Clear Pack.
Faceplates	1” x 2-1/4” square corner standard.
Strikes	Max. security 1-1/4” x 3-5/8” square corner strike standard.
ANSI/BHMA	A156.5 Grade 2.

FUNCTIONS

FUNCTION	MODEL# ANSI#	DESCRIPTION
	**780 EO152**	**Single Cylinder:** Key operates bolt from exterior; turnpiece operates bolt from interior
	**785 EO142**	**Double Cylinder:** Key operates bolt from exterior and interior.

FINISHES

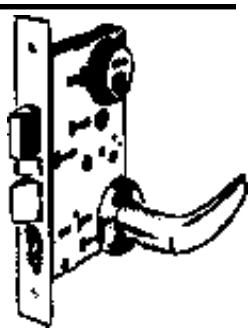
Design	BOX PACK						CLEAR PACK					
US FINISHES	3	5	15A	26	26D	---	3	5	15A	26	26D	---
780 Single Cylinder	X	X	X	X	X	X	X	X	X	X	X	X
785 Double Cylinder	X	X	X	X	X	X	X	X	X	X	X	X
BHMA FINISHES	605	609	620	625	626	690	605	609	620	625	626	690



SARGENT Mortise Lockset Specifications

8200 Lever Line-
ADA Approved
&
7800 Knob Line

9200 High Security Line
ADA Approved

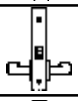
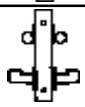
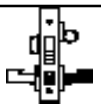
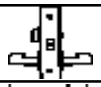


	8200 and 7800 Lines	9200 Line
Specifications:	Heavy duty, BHMA certified under ANSI A156.13 Series 1000 for Grade 1. UL Listed to Canadian Safety Standards. Conforms to standards UL10C "Positive Pressure fire tests of door assemblies" and UBC 7-2 (1997)	Meets ANSI A 156.13 Series 1000 Operational Grade 1 (with all cylinders). Conforms to UL Standard 10B, Fire Test of Door Assemblies for Class A, UL Listed to Canadian Safety Stadards. Security Grade 1 with certain cylinders and trim types. Meets UL 437.
Security Compliance:	Certified for ANSI Security Grade 1 with all trim designs.	
For Doors:	1-3/4" thick. 1-7/8" to 6" thick or 1-3/4" thick with panel one side, use 31 prefix. For 8200 and 7800 only: Can be used on 1-3/*" thick doors	
Backset:	2-3/4" Only	
Deadbolt:	1" throw. Stain steel with hardened steel rollers.	1" throw. Stainless steel with hardened steel insert.
Latchbolt (reversible)	3/4" throw, one piece stainless steel with anti friction insert	
Guardbolt	Stainless steel. Simultaneously retracts with latchbolt.	
Armored Front	Brass, bronse or stainless steel 1-1/4" x 8" Can be adjusted at any angle from flat to beveled 1/8" in 2".	Inside full 1/8" hardened high carbon steel.
Case	Heavy 12 gauge wrought steel with zinc dichromate finish for corrosion resistance.	
Strike	Brass, bronse or stainless steel. ANSI Standard A115.1, curved lip, non-handed	
Keys	Two, nickel silver material, furnished standard with each factory masterkeyed lockset.	
Cylinders	Brass, 6 pin standard. Signature, Keso, V-10, construction, removable and interchangeable core available.	Also available in V-10 mogul cylinder.
Hand	Lock body is handed and can be field reversed without opening the lock case.	
Thumb Turn	Brass, bronze or stainless steel, #130KB standard w/ 8200 line. #130W standard w/ 7800 line. Other styles available.	
Finishes	Brt brass, sat. brass, brt bronze, sat. bronze, drk bronze, dk bronze-clr coat, drk bronze lacq., brt chrom plated, sat. chrom plated, brt stain. steel, sat. stain. steel.	Sat. brass-clr coat., sat. chrom plated, sat. stain. steel
Milling (levers) or Knurling (knobs)	Machined hazard warnings on levers and knobs for the visually impaired.	
Detention Compliance	N/A	ASTM F1577-95b Detention Locks for Swinging Doors, Para. 6.2 Level 1 Impact, 6.2 Level 3 Impact for latchbolt only; Para. 6.6 for Mechanical Release Force (V-10 and Mogul V-10), and Para. 6.8 for Mechanical Release Operation Cycle. Only for 9200 lock. (V-10 and Mogul V-10).

Options Available:

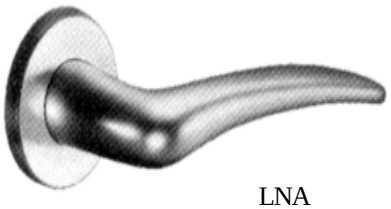
* 1-1/16" wide front for 1-3/8" thick doors - not available for funtion 50 using sectional trim. (8200 & 7800 only)
* Stainless steel hubs
* Flat lip, non handed, 4-7/8" ANSI strike
* Special door thinknesses
* Spanner head screws (8200 & 7800 only)
* 8200 or 7800 furnished w/ case lead wrapped.
* Milled lever or knurled knob I/S,O/S or both.
* Extra large ADA thumb turn.
* SARGard™ -Bacterial Protection Finishes.
* 8200/9200 Line furnished w/ lever handle O/S x knob I/S
* 8200 Line furnished w/ lever handle I/S x knob O/S.
* *TORX™ security screws

SARGENT MORTISE LOCKSET FUNCTIONS

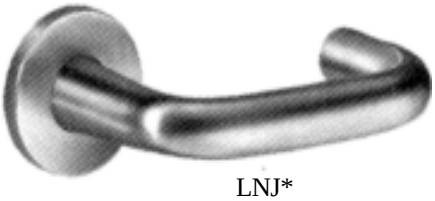
Description	SARGENT Function	ANSI Function	Lever Sets 8200 & 9200 Lines	Knob Set 7800 Line
Storeroom or Closet Latchbolt by key outside, inside by lever/knob. Outside lever/knob is rigid at all times. Guardbolt deadlocks latchbolt.	04	F07		
Entrance or Office Latchbolt by both levers/knobs. By key outside when outside knob is locked by toggle. Toggle must be mannually released. Guardbolt deadlocks latchbolt.	05 85	F04		
Exit Latch Latchbolt by inside lever/knob at all times. No outside trim. Guardbolt deadlocks latchbolt.	06 13			
Passage Latchbolt by both levers/knobs at all times.	15	F01		
Apartment, Stair or Exit by lever/knob from either side except when outside is locked by key from inside. Key outside retracts latchbolt when outside lever/knob is locked. Guardbolt deadlocks latchbolt.	16 86	F09		
Asylum - both lever/knobs are rigid at all times. Latchbolt by key from either side. Guardbolt deadlocks latchbolt.	17			
Room Door Latchbolt by both levers/knobs. Deadbolt and outside lever/knob locked and unlocked by turn lever inside or key outside.	24	F21		
All Purpose, Dormitory or Exit Latchbolt by both levers/knobs. Deadbolt and outside lever/knob locked and unlocked by turn lever inside or key outside. Inside lever/knob retracts deadbolt and latchbolt simultaneously.	25	F13		
Store or Storeroom Latchbolt by both levers/knobs. Key on eitherside locks or unlocks both levers/knobs or projects deadbolt. Levers/knobs will not retract deadbolt from either side. Note: Use only on rooms with more than one exit.	26	F14		
Classroom or Hospital Latchbolt by both levers/knobs. Key outside locks or unlocks outside lever/knob. Inside lever/knob operable at all times. Guardbolt deadlocks latchbolt.	37	F05		
Classroom Security Lock Latchbolt retracted by either trim unless outside trim is locked by key. Key on either side locks or unlocks trim. Guardbolt deadlocks latchbolt. When trim is locked, key retracts latchbolt. Latchbolt can be retracted by key when outside trim is in the locked position. Inside trim always able to retract latchbolt, but outside trim remains locked.	38	F32		--
Classroom Security Deadbolt Lock Latchbolt retracted by either trim. Deadbolt operated by key on both sides. When deadbolt is projected, outside trim is automatically locked. Operating inside trim automatically retracts latchbolt, deadbolt and unlocks outside trim.	39 40	F33 F34		--
Classroom Security Deadbolt Lock Latchbolt retracted by either trim. Deadbolt operated by key on both sides. Guardbolt deadlocks latchbolt. When outside trim is locked, key retracts latchbolt and deadbolt. When deadbolt is projected, outside trim is automatically locked. Operating inside trim automatically retracts latchbolt and deadbolt, but the oustide trim remains locked.	41			--
Apartment/Corridor Latchbolt by either lever/knob. Key outside locks/unlocks deadbolt and retracts latchbolt when outside lever/knob is locked by toggle. Turn lever inside locks/unlocks deadbolt. Inside lever/knobs retracts latchbolt and deadbolt, but the outside trim remains locked.	43 45	F20 F12		
Hotel/Motel Outside lever/knob rigid at all times. Latchbolt by guest key or masterkey outside, except when deadbolt is projected by turn lever inside. Emergency key operates latchbolt at all times. Guardbolt deadlocks latchbolt.	50	F15		
Privacy, Bedroom or Bathroom Latchbolt by both lever/knob unless outside is locked by turn lever inside. Outside emergency release unlocks outside lever.	65	F22		
Lever/Knob Pulls-93 have lever/knob on one side only; 94 has lever/knob on both sides.	93, 94			

SARGENT MORTISE LOCKSET TRIM DESIGNS

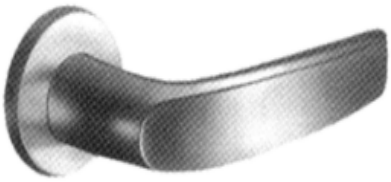
8200 LEVER LINE AND 9200 HIGH SECURITY LINE



LNA



LNJ*



LNB*



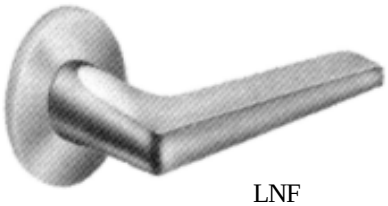
LNL*



LNE



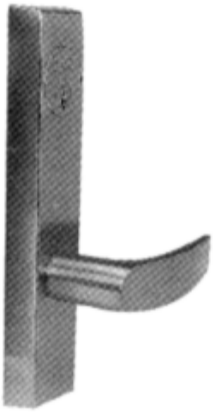
LNP*



LNF



LNW



FEB
(B lever shown)



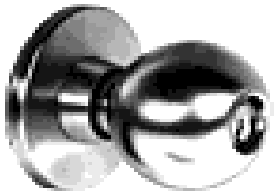
L ROSE

7800 KNOB LINE



Available with all lever designs

LE 1L



OB



LS Security Trim*



KE 1B



KS*



Available with all lever designs

LW 1J



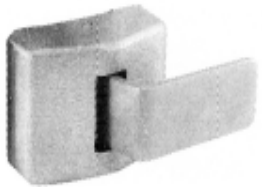
KW 1B



WT



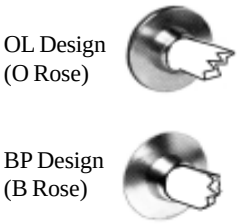
WTL

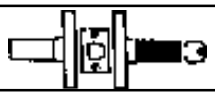
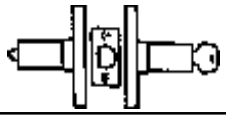
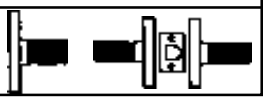


PT

T-ZONE™ LEVER SETS: Specifications, Functions and Trim





Description	SARGENT Function	ANSI Function	T-Zone*
Storeroom or Service from outside by key, inside by lever. Outside lever is rigid at all times. Guardbolt deadlocks latchbolt.	G04	86	
Entrance or Office Latchbolt by both levers. By key outside when outside lever is locked by toggle, turn button or push-turn button. Toggle or turn button must be manually released. Guardbolt deadlocks latchbolt.	G05	81	
Exit Latchbolt by inside knob at all times. Outside lever rigid at all times. Guardbolt deadlocks latchbolt.	G13		
Passage Latchbolt by either lever at all times.	U15		—
Public Entrance by lever from either side except when outside is locked by key from inside. Key outside retracts latchbolt when lever is locked. Guardbolt deadlocks latchbolt.	G16		—
Asylum both levers rigid at all times. Latchbolt by key either side. Gaurdnbolt deadlocks latchbolt.	G17		—
Office/Dormitory/Motel Latchbolt by either lever unless outside locked by push button inside. Key outside or lever inside releases push button, but closing door does not. Guardbolt deadlocks latchbolt.	G24		—
Classroom latchbolt by either lever. Key outside locks or unlocks outside lever. Guardbolt deadlocks latchbolt.	G37		—
Hotel/Motel outside lever rigid at all times. Latchbolt by guest key or master key outside when button inside is pushed. Emergency key operates latchbolt at all times. Guardbolt deadlocks latchbolt.	G50		
Dormitory Latchbolt by either lever. Outside lever locked by key outside or push button inside. Key unlocks outside lever and releases push button. Push button also released by turning inside lever or closing door. Guardbolt deadlocks latchbolt.	G54		—
Privacy/Bathroom Latchbolt by either lever unless outside is locked by pushbutton. Outside emergency release of push button with plat blade screwdriver.	U65		—
Single Lever Pull-93 has lever on one side only. 94 has levers on both sides.	U93 U94		

* Patent Pending

Specifications Heavy Duty. Exceeds ANSI A156.2 Series 4000, Grade 1. UL Listed for use on fire doors. UL Listed to Canadian Safety Standards. Conforms to standards UL 10C " Positive Pressure fire tests of door assemblies" and UBC 7-2(1997)

For Doors 1-3/4" thick door adjustable to 2" standard. 2-1/4" to 2-1/2" thick available. 1-3/8" thick not available.

Backsets 2-3/4" standard; 3-3/4"and 5" backset available.

Front Wrought brass, bronze and stainless steel. 2-1/4" x 1-1/8". Self-adjusting for flat to 1/8" in 2" bevel.

Min Strike Door Prep ANSI A115.2
4-1/4 with B and O Roses; 4-1/2 with E and L Roses.

Strike 800 curved lip strike (ANSI A115.3) standard. Wrought brass, bronze and stainless steel. 808 curved lip strike (ANSI A115.2). Wrought box strike.

Hand Universal, non-handed.

Latchbolt Stainless steel bolt 7/8" dia x 1/2" throw. 3/4" throw for pairs of doors.

Cylinder Brass, 6pin, LA keyway standard.

Keys Two, nickel silver furnished standard with master keyed lockset.

Finishes Brt BS, Sat BS, Brt BZ, Dk BZ-oil, Dk BZ-oil & clear coat, Dk BZ-Lacq, Brt Chrom & Sat Chrom (split finish avail.)
* SARGard™ -Bacterial Protection Finishes.

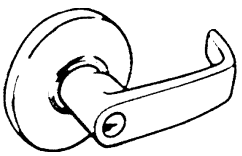


CYLINDER LOCKSETS-
Lever Sets: Specifications and Trim Designs:

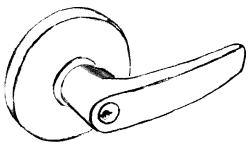
	6500 Line	7 Line	10 Line
Specifications	Standard Duty. Exceeds ANSI A156.2, Series 4000, Grade 2	Standard Duty. Exceeds ANSI A156.2, Series 4000, Grade 2.	Heavy Duty. Exceeds ANSI A156.2, Series 4000, Grade 1
For Doors	UL Listed for use on fire doors. UL Listed to Canadian Safety Standards		
Backset	Conforms to standards UL 10C "Positive Pressure fire test of door assemblies" and UBC 7-2(1997)		
Housing	1-3/8" to 1-3/4" Thick	1-3/8" to 1-3/4" thick	1-3/4" thick to 2" thick
Latchbolt	2-3/4" standard; 2-3/8" available.	2-3/4" standard; 2-3/8: optional	2-3/4" standard; 3-3/4" and 5" available
Front	Steel with zinc dichromate finish for corrosion resistance.	Steel, with zinc dichromate finish for corrosion resistance.	Steel, with stainless steel and zinc dichromate finish for corrosions resistance.
Strike	Brass, 1/2" throw. Brass, stainless steel. 2-1/4" x 1-1/8", Fixed bevel, 1/8" in 2". Standard curved lip-500, ANSI A115.2, 2-3/4". Brass, stainless steel. Other strikes available.	Brass, 1/2" throw. Brass, Stainless steel. 2-1/4" x 1-1/8". Fixed bevel, 1/8" in 2". Standard curved lip 800, ANSI A115.3 2-3/4". Brass, bronze, stainless steel. With wrought aluminum box. Other strikes available.	Brass, 1/2" throw, 3/4" Brass, bronze, stainless steel. 2-1/4" x 1-1/8" self adjusting. Fixed bevel, 1/8" in 2" Standard curved lip-800, ANSI A115.2. 2-3/4". Brass, bronze stainless steel. With wrought aluminum box. Other strikes available.
Hand	Universal. non-handed.	Universal-non-handed.	Universal, non-handed.
Springs	Two independent spring roses. One for each lever.	Two independent spring roses. One for each lever.	Two independent spring roses. One for each lever.
Keys	Two, nickel silver, furnished standard with each master keyed lockset.		
Cylinders	Brass, 6 pin. Available in Signature, and removable cores.	Brass, 6 pin. Available in Signature, V-10, removable core and interchangeable cores.	Brass, 6 pin. Available in Signature, V-10, Keso (L, B, P Levers only), removable core. Keso removable core N/A
Projections (1-3/4" doors)	Maximum 2-3/8"	Maximum 2-1/2"	Maximum 2-1/2"
Functions	See next page		
Trims	Trim for 6500 and 10 lines are thru-bolted.		
Finishes	Brt Brass, Stn Brass, Stn Brz, Dk Brz, Brt Chrom, Stn Chrom, SARGard™ bacterial protection finishes	Brt Brass, Stn Brass, Stn Brz, Dk Brz, Brt Chrom, Stn Chrom, SARGard™ bacterial protection finishes	Brt Brass, Stn Brass, Stn Brz, Dk Brz, Dk Brz-cc, Dk Brz-lacq, Brt Chrom, Stn Chrom, SARGard™ bacterial protection finishes
Split Finishes	N/A	Available	Available
Milling or Knurling	Milled filler piece on inside of lever handle.	Milled filler piece on inside of lever handle.	Milled Filler piece on inside of lever handle.
Available Options	Full lip strike; 2-3/8" backset; ANSI 4-7/8" Strike; SC & SE Schlage Keyways.	Full Lip Stirke; 2-3/8" Backset; ANSI 4-7/8 Strike; SC & SE Schlage Keyways; Freewheeling	3-3/4" Backset, 5" Backset, ANSI 4-7/8 Strike, SC & SE Schlage Strike Keyway, Freewheeling

Trim Designs:

6500 Line

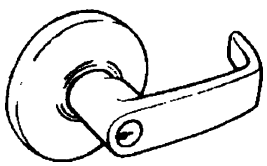


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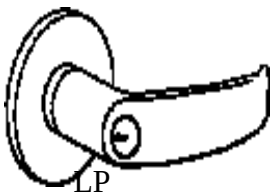


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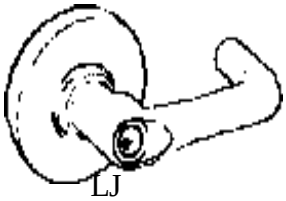
7 & 10 Lines



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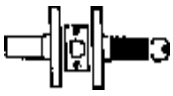
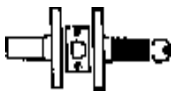
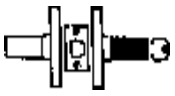
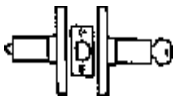
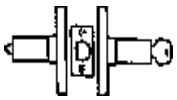
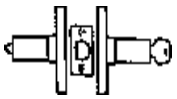
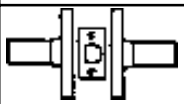
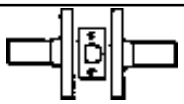
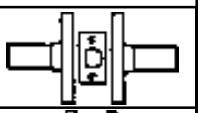
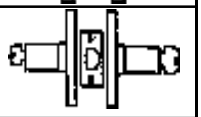
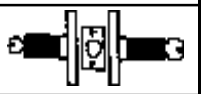
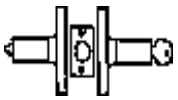
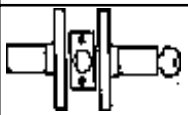
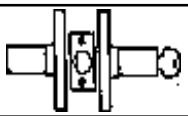
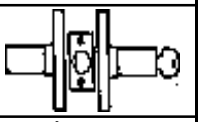
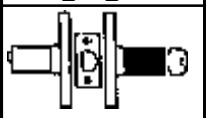
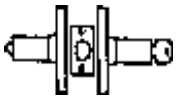
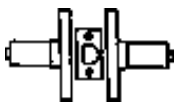
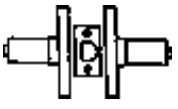
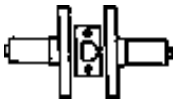
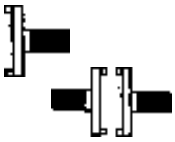
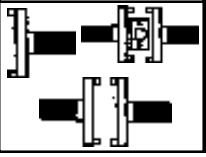
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LJ

(not available for 7 Line or Freewheeling)

CYLINDER LOCKSETS-
Lever Sets: Functions

Description	SARGENT Function	ANSI Function	6500 Line	7 Line	10 Line
Storeroom or Closet From outside by key, inside by lever. Outside lever is rigid at all times. Guardbolt deadlocks latchbolt. * Freewheeling available for this function in Lines 7 & 10	G04*	86			
Entrance or Office Latchbolt by both levers. By key outside when outside lever is locked by toggle, turn button or push-turn button. Toggle or turn button must be manually released. Guardbolt deadlocks latchbolt. * Freewheeling available for this function in Lines 7 & 10	G05*	81			
Exit Latch Latchbolt by inside lever at all times. Outside lever rigid at all times. Guardbolt deadlocks latchbolt.	G13	89	N/A	N/A	
Passage Latchbolt by both levers at all times.	U15	75			
Apartment, Stair or Exit by lever from either side except when outside is locked by key from inside. Key outside retracts latchbolt when outside lever is locked. Guardbolt deadlocks latchbolt.	G16	88	N/A	N/A	
Asylum Both levers are rigid at all times. Latchbolt by key from both sides. Guardbolt deadlocks latchbolt.	G17	87	N/A	N/A	
Room Door Latchbolt by both levers unless outside locked by push button inside. Key outside or lever inside releases outside lever or push button, but closing door does not. Guardbolt deadlocks latchbolt.	G24	82	N/A	N/A	
Store or Storeroom Latchbolt by both levers. Key on either side locks or unlocks both levers. Note: Use only on rooms with more than one exit.Guardbolt deadlocks latchbolt (8 Line Only)	G26		N/A	N/A	Consult Factory
Classroom or Hospital Latchbolt by both levers. Key outside locks or unlocks outside lever. Guardbolt deadlocks latchbolt. * Freewheeling available for this function in Lines 7 & 10	G37*	84 (37)			
Hotel/Motel outside lever rigid at all times. Latchbolt by guest key or masterkey outside when button inside is pushed. Emergency key operates latchbolt at all times. Guardbolt deadlocks latchbolt.	G50	93	N/A	N/A	
Dormitory Latchbolt by either lever. Outside lever locked by key outside or push button inside. Key unlocks outside lever and releases push button. Push button also released by turning inside lever7 or closing door. Guardbolt deadlocks latchbolt.	G54	90	N/A	N/A	
Privacy, Bedroom or Bathroom Latchbolt by either lever unless outside is locked by push button. Outside emergency release in outside lever unlocks outside lever and releases inside button with flat blade screwdriver. * Freewheeling available for this function in Lines 7 & 10	U65*	76			
Lever Pulls 93 have lever on one side only; 94 has levers on both sides .	U93 U94	93 94			 94 Function Only



CYLINDRICAL LOCKSETS:
Knobsets: Specifications and Trim Designs

	6 Line	5 Line	8 & 9 Lines
Specifications	Standard Duty. Exceeds ANSI 156.2, Series 4000, Grade 2.	Standard Duty. BHMA certified under A156.2, Series 4000, Grade 2	Heavy Duty. BHMA Certified under ANSI A156.2 Series 4000, Grade 1.
	UL Listed for use on fire doors.		
	Conforms to standards UL 10C "Positive Pressure Fire Test of Door Assemblies" and UBC 7-2 (1997). Except line 5		
For Doors	1-3/8" to 1-3/4" standard thick	1-3/8" to 1-3/4" thick	1-3/8" to 1-3/4" thick. To 6" thick 8 Line.
Backset	2-3/4" standard, 2-3/8" available	2-3/8" standard; 2-3/4" available	2-3/4" standard, 3-3/4" and 5" available. Longer backsets available with 89 line.
Housings	Steel, with zinc dichromate finish for corrosion resistance	Steel, with zinc dichromate finish dichromate finish for corrosion resistance.	Aligning tube machined from solid brass bar stock.
Latchbolt	Brass, 1/2" throw, UL Listed.	Brass, 1/2" throw, UL Listed	Anti-Friction, 1/2" throw, brass with nylon insert. Available 8 Line with 3/4" throw UL Listed.
Latchbolt Case	Not Available	Not Available	Hard drawn brass seamless tubing.
Front	Brass, stainless steel. 2-1/4" x 1-1/8". Fixed bevel, 1/8" in 2"	Brass, Bronze, Stainless Steel. 2-1/4" x 1-1/8". Self-adjusting for flat doors or doors beveled. 1/8" in 2"	Brass, bronze, stainless steel. 2-1/4" x 1-1/8" Self adjusting for flat doors or doors beveled 1/8" in 2"
Strike	Standard curved lip-600, ANSI A115.2, 2-3/4" Brass. Other strikes available .	Standard curved lip-600, ANSI A115.3. 2-3/4" Brass, bronze, stainless steel. aluminum box. Other strikes available	Standard curved lip-800; ANSI A115.3. 2-3/4" Brass, bronze, stainless steel. with wrought available
Hand	Universal, non-handed.	Non-keyed sets universal. Keyed sets reversible. Removable core sets are handed (specify LH or RH)	Universal. non-handed.
Springs	Steel	Steel	Stainless steel
Keys	Two, nickel silver, furnished standard with each masterkeyed lockset.		
Cylinders	Brass, 6 pin. Available in Construction key and SC & SE keyways.	Brass, 6 pin. Available in Signature, V-10 & Removable core in 5 knob.	Brass, 6 pin. Available in Signature, V-10 & Keso Removable core in C knob.
Projections (1-3/4" doors)	Maximum 3"	Maximum 3"	Maximum 2-3/4"
Functions	See next page		
Finishes	Brt Brass, Stn Brass, Stn Brz, Dk Brz, Brt Chrom, Stn Chrom	Brt Brass, Stn Brz, Dk Brz, Brt Chrom, Stn Chrom. US4 with SL levers	Brt Brass, Stn Brass, Stn Brz, Dk Brz,Dk Brz-cc,Dk Brz-lacq,Brt Chrom, Stn Chrom, Brt SS, Sat SS
Split Finishes	Available	Available	Available
Milling (levers) or Knurling (knobs)	Not Available	Not Available	Knurling (B & C knobs only)
Available Options	Rounded Front & Strike, Full Lip Strike, 2-3/8" Backset, Construction Key, SC&SE Schlage Strike Keyway	3-3/4" Backset; 3/4" Backset; 5" Backset; ANSI 4-7/8" Strike	3-3/4" Backset; 5" Backset; ANSI 4-7/8" Strike; 8 Line for doors up to 6"

Trim Designs:

5 Line

OB



6 Line

EB BS OSL OB



8 & 9 Lines

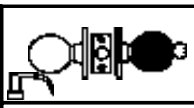
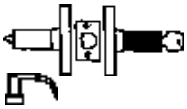
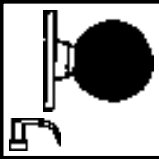
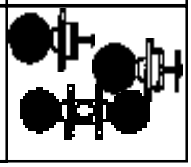
EB BC OB



CYLINDRICAL LOCKSETS

Knob Sets: Functions

SL Lever handle for Line 6 is furnished only where indicated by symbol.

	SARGENT Function	ANSI Function	5 Line	6 Line	8 & 9 Lines
Storeroom or Closet From outside by key, inside by knob. Outside knob is rigid at all times. Guardbolt deadlocks latchbolt.	G04*	86			
Entrance or Office Latchbolt by both knobs. By key outside when outside knob is locked by toggle, turn button or push-turn button. Toggle or turn button must be manually released. Guardbolt deadlocks latchbolt.	G05*	81			
Exit Latch Latchbolt by inside knob at all times. Outside knob rigid at all times. Guardbolt deadlocks latchbolt.	G13	89	N/A	N/A	
Passage Latchbolt by both knobs at all times.	U15	75 (15)			
Apartment, Stair or Exit by knob from either side except when outside is locked by key from inside. Key outside retracts latchbolt when outside knob is locked. Guardbolt deadlocks latchbolt.	G16	88	N/A	N/A	
Asylum Both knobs are rigid at all times. Latchbolt by key from both sides. Guardbolt deadlocks latchbolt.	G17	87	N/A	N/A	
Room Door Latchbolt by both knobs unless outside locked by push button inside. Key outside or knob inside releases push button, but closing door does not. Guardbolt deadlocks latchbolt.	G24	82/81	N/A		
Store or Storeroom Latchbolt by both knobs. Key on either side locks or unlocks both knobs. Note: Use only on rooms with more than one exit.Guardbolt deadlocks latchbolt (8 Line Only)	G26	91	N/A	N/A	
Classroom or Hospital Latchbolt by both knobs. Key outside locks or unlocks outside knob. Guardbolt deadlocks latchbolt.	G37*	84 (37) 85 (87)			
Hotel/Motel outside knob rigid at all times. Latchbolt by guest key or masterkey outside when button inside is pushed. Emergency key operates latchbolt at all times. Guardbolt deadlocks latchbolt.	G50	93	N/A		
Dormitory Latchbolt by either knob. Outside knob locked by key outside or push button inside. Key unlocks outside knob and releases push button. Push button also released by turning inside lever/knob or closing door. Guardbolt deadlocks latchbolt.	G54	90	N/A	N/A	
Privacy, Bedroom or Bathroom Latchbolt by either knob unless outside is locked by push button. Outside emergency release in outside knob unlocks outside knob and releases inside button with flat blade screw-driver.	U65*	76			
Knob Pulls 93 hanve knob on one side only; 94 has knobs on both sides .	U93 U94	93 94			

A-SERIES
HEAVY-DUTY RESIDENTIAL & MEDIUM DUTY COMMERCIAL

STANDARD FEATURES:

* Cylindrical lock housing. Cold-rolled steel, corrosion tread for normal atmospheric conditions.
* Key removable outside knobs for easy cylinder replacement
* Solid brass 6 pin cylinders
* No exposed mounting screws
* Meets or exceeds 4000, 000 cycle ANSI Grade 2 requirements

SPECIFICATIONS:

Certifications: ANSI A156.2, 1996, Series 4000 Grade 2. (Formally FF-H-106C Series 160) UL/CUL Listed for all functions up to 3 hrs.

Exposed Trim: Wrought brass, bronze or stainless steel. Lever is zinc based, plated to match BHMA Symbols

Keying: 6 pin tumbler with two nickel silver keys per lock. Stock locks are keyed 5 pin. Other keying options available from the factory include: master keying, grand master keying, construction keying and interchangeable core. Also available with Primus® high-security cylinders and Everest™ patent protected keying system.

Door Range: 1-3/8" to 1-7/8" standard. 2" to 2-1/2" doors extended inside, regular parts assembled to order.

Backset: 2-3/8" standard. 2-3/4" and 3-3/4" backset latches available. 5" backset links available.

Standard latches and strikes have adjustable brass or bronze faceplates, furnished in compatible lock trim finishes.

Latches: 1" x 2-1/4", ½" throw standard. 1-1/8" wide faceplates available. Circular drive-in, ¼" radius round corner spring latches and dead latches are also available.

Strikes: Square corner, 1-1/8:" x 2-3/4" x 3/32" T strike with 1-1/8" lip, furnished with dust box, standard. Optional lip lengths 1" to 2" available. ANSI 1-1/43" x 4-7/8" strike, 1-3/16" lip available.

Orbit **Plymouth** **Tulip** **Georgian** **Levon**



FINISHES:

	605	606	609	612	613	625	626	630
Georgian	●		●					
Orbit:	●	●		●	●	●	●	
Plymouth:	●			●	●		●	●
Tulip	●						●	
Levon	◩			◩	◩		◩	

AL-SERIES
HEAVY-DUTY RESIDENTIAL & STANDARD DUTY COMMERCIAL

STANDARD FEATURES:

* True through-bolting of door prevents lock chassis rotation and disengagement from latch.
* Stainless steel interlocking spindle design for added strength
* Cold-rolled steel, machined, threaded hubs & locking nuts
* Heavy-duty compression springs extend life of spring cage, minimize droop and provide smooth, fast return action of levers.
* Patented door range adjuster allows quick and easy adjustment of the AL-Series for 1-3/8" to 1-7/8" thick doors.

SPECIFICATIONS:

Certificates: Exceeds all ANSI A156.2, 1996 Series 4000 Grade 2 strength and operational requirements including 400,000 cycle testing. UL/cUL Listed for all functions up to 3 hrs.

Exposed Trim: Wrought brass or bronze. Levers are pressure cast zinc, plated to match BHMA finish symbols.

Keying: 6 pin tumbler with two nickel silver keys per lock. Stock locks are keyed 5 pin. Other keying options available from the factory include master keying, grand master keying, and construction keying. Interchangeable core available in Saturn design only. Also available with Primus® high-Security cylinders and Everest™ patent protected keying system.

Door Range: 1-3/8" to 1-7/8" standard. 1-7/8" to 2" regular parts assembled to order.

Backset: 2-3/4" standard. 2-3/8" and 3-3/4" backset latches available. 5" backset links also available.

Standard latches and strikes have adjustable brass or bronze faceplates, furnished in compatible lock trim finishes.

Latches: 1-1/8" x 2-1/4", ½" throw standard. 1" wide faceplates available. Circular drive-in, ¼" radius round corner spring latches and dead latches are also available.

Strikes: ANSI 1-1/4" x 4-7/8" strike, 1-3/16" lip standard. Square corner, 1-1/8" x 2-3/4" x 3/32" T strike with 1-1/8" lip, furnished with dust box, available. Optional lip lengths 1" thru 2" available.

Jupiter **Neptune** **Saturn**



FINISHES:

	605	606	609	612	613	625	626
Jupiter	◩	◩					
Neptune	◩	◩					
Saturn	◩	◩	◩	◩	◩	◩	◩

B-SERIES
COMMERCIAL DEADBOLT LOCKS

BC100 STANDARD DUTY

The BC100-Series deadbolt, features a 1" throw, with a concealed hardened steel roller to prevent cutting or sawing the bolt. The 1" reinforced trim ring rotates to protect against wrenching the cylinder. Solid brass 6 pin cylinder for added protection and durability. Solid steel door frame reinforcer with ¼" steel screws protect against kick-in attack.

B250 NIGHTLATCH

The B250-Series Nightlatch features a 9/16" dead latch that prevents "shimming" the bolt with a credit card or similar tool. A "hold-back" feature retains the dead latch in a retracted position when desired. Trim rings are reinforced with hardened steel inserts. Brass or bronze faceplates are self-adjusting for beveled door edges. Also available less "hold-back" feature & with double cylinder.



BC100



B600/700/800



B250

B600/700/800 HEAVY-DUTY

Grade 1, Heavy-Duty: These series are Schlage's highest grade deadbolt locks, featuring solid brass or bronze 7/8" rotating trim rings. Bolts are made of a strong steel alloy, containing a hardened steel roller to prevent cutting or sawing. Mounting screws are protected against drilling by steel balls.

Grade 1, Heavy- Duty plus Primus® High-Security cylinders: In addition to strength and durability, the B700-Series, furnished with Primus® 20-700 Controlled Access cylinders, offers key control and pick resistance. The B800-Series, furnished with Primus® 20-500 High Security cylinders combines all these features plus drill resistance.

SPECIFICATIONS:

	BC100	B250	B600	B700	B800
Certifications:	ANSI A156.5, 1992, Grade 3 UL/cUL Listed as an auxiliary lock for all functions up to 3 hrs.	ANSI A156.5, 1992, Grade2	ANSI A156.5, 1992, Grade 1 UL/cUL Listed as an auxiliary lock for all functions up to 3 hrs.		UL 437 Listed
Exposed Trim:	Wrought brass or bronze with steel security insert		Solilid brass or bronze w/ pressure cast zinc thumbturn-plated to match finishes indicated. Double Cylinder locks available		
Keying: Options include: Everest™ master keying, grand master keying & construction keying	6 pin tumbler standard with two nickel silver keys per lock. Also available with Everest™ patent protected keying system.	Stock locks are keyed 5 pin. Available with inter-changeable cores. Primus® high security cylinders also available.	Available with inter-changeable cores.	Primus® 20-700 Controlled Access cylinder. Available with inter-changeable cores. (Construction keying not available)	Primus® 20-500 High-Security cylinder. (Construction keying not available)
Door Ranges: (may vary by function)	5 pin 1-3/8" to 1-3/4" thick std. Available to 2-1/4" Assembled to order		1-3/4" to 2" std. Available for 1-3/8" & doors up to 2-1/2" Assembled to order.		
Backset:	5 pin: 2-3/8" or 2-3/4" adjustable backset deadbolt standard.	2-3/8" standard. 2-3/4" available.	2-3/4" standard, 2-3/8", 3-3/4", 5" available.		
Latches:	1" throw standard latch with square corner.	1-1/8" x 2-1/4", 9/16" throw standard.	1-1/8" x 2-1/4", 1" throw standard. Circular drive-in deadbolt available.		
Strikes:	Sqr corner, 1-1/8" x 2-3/4" strike, no lip, furnished w/ dust box & door frame reinforcer, std. ANSI 1-1/4" x 4-7/8" with 1-3/16" lip, drive-in & full lip strikes are also available.	Sqr Corner, 1-1/8" x 2-3/4" Strike w/ 1-1/8" lip, furnished w/ dust box, standard. Optional lip lengths 1" to 2" available. ANSI 1-1/4" x 4-7/8" with 1-3/16" lip also available.	Sqr corner, 1-1/8"x2-3/4" strike, no lip, furnished with dust box & door frame reinforcer, std. ANSI 1-1/4" x 4-7/8" with 1-3/16" lip, drive-in & full lip strikes are also available.		
Finishes:	605, 626	605, 613, 626	605, 606, 609, 612, 613, 625, 626		

D-SERIES
HEAVY-DUTY COMMERCIAL DEADBOLT LOCKS

STANDARD FEATURES:

- Cylindrical lock housing. Cold-rolled steel, corrosion treated for normal atmospheric conditions.
- Key removable outside knobs and levers for easy cylinder replacement.
- Solid brass 6 pin cylinders
- No exposed mounting screws
- Exceeds 800,000 cycle ANSI Grade 1 requirements

SPECIFICATIONS:

Certifications: ANSI A156.2, 1996, Series 4000, Grade 1. (Formally FF-H-106C Series 161) UL/cUL Listed for all functions up to 3 hr doors.

Exposed Trim: Wrought brass, bronze or stainless steel. Levers are pressure cast zinc, plated to match BHMA symbols.

Keying: 6 pin tumbler with two nickel silver keys per lock. Stock locks are keyed 5 pin. Other keying options available from the factory include master keying, grand master keying, constructions keying and interchangeable core. Also available with Primus® high-security cylinders and Everest™ patent protected keying system.

Door Range: Knob designs: 1-3/8" to 2" standard. 2" to 2-1/2" regular parts assembled to order. Lever designs: Athens, Rhodes, and Sparta designs standard 1-5/8" to 2". 1-3/8" to 1-5/8" regular parts assembled to order (not available for Vandlgard™ functions).

Backset: 2-3/4" standard. 2-3/8" and 3-3/4" backset latches available. 5" backset link available.

Adjustable brass or bronze latch faceplates and strikes, furnished in compatible lock trim finishes.

Latches: 1-1/8" x 2-1/4", ½" throw standard. ¾" throw fire door latches available.

Strikes: ANSI 1-1/4" x 4-7/8", 1-3/16" lip, 10-025 standard, 1-3/8" lip available. Optional square corner strike, 1-3/4" x 2-3/4" x 1/8", 1-1/8" lip 10-025 standard, 1-3/8" lip available. Optional square corner strike, 1-3/4" x 2-3/4 x 1/8", 1-1/8" lip 10-013, furnished with dust box. 1-1/2" lip available.

Vandlgard™ Keyed Lever Locks

Vandlegard™ is designed to disengage the outside spindle from the latch when in the locked position. The locked outside lever freely rotates up and down while remaining securely locked. The free wheeling lever limits the ability to exert excessive force or to stand on the lever, preventing damage to internal lock components. Available in the Entrance/Office, Entrance, Classroom and Storeroom functions in all of the D-Series lever designs and finishes.

ADA-Compliant Products

In compliance with the American National Standards Institute (ANSI) A117.1) and the Americans with Disabilities Act (ADA), Schlage Lock Company offers a wide selection of locks designed for the needs of the physically challenged.

Electrified Locks

D-Series locks are available for electrically locking and unlocking controls for high security and fire safety applications. They are UL Listed and rated for both fire and electrical single point locking on labeled doors. Refer to the lock function pages for function and design availability.

Electrical Requirements:

Amps. 15; Volts 24 AC, Amps .35; Volts 24 DC.

Operating Temperature: Maximum +151°F (+66°C)
Minimum -31°F (-33°C)

FINISHES:

	605	606	612	613	625	626	630
Orbit	●		●	●	●	●	●
Plymouth	●		●	●	●	●	●
Tulip	●		●	●	●	●	●
Athens	◤	◤	◤	◤	◤	◤	
Rhodes	◤	◤	◤	◤	◤	◤	
Sparta	◤	◤	◤	◤	◤	◤	

KNOB DESIGN OPTIONS

Orbit Plymouth Tulip



LEVER DESIGN OPTIONS

Athens Rhodes Sparta



ELECTRIFIED LOCK



Omaha Wholesale Hardware
1201 Pacific Street, Omaha, Nebraska 68108
TOLL FREE 1-800-238-4566
Omaha Phone 1-402-444-1650 / FAX 1-800-538-4566

F-SERIES RESIDENTIAL

RESIDENTIAL ENTRANCE HANDLESETS

Exposed Trim: **Outside trim:** Handlesets are solid forged brass; wrought brass trim rings with concealed security inserts.
Inside Trim: Wrought brass; levers are pressure cast zinc, plated to match finishes indicated.

Keying:: 6 pin tumbler with two nickel silver keys per lock. Stock locks are keyed 5 pin.

Door Range: 1-5/8" to 2" thick standard

Backset: Universal latches and deadbolts fit 2-3/8" or 2-3/4" backsets

Trim Rings & Security Inserts F-Series handlesets are furnished with wrought brass cylinder trim rings the cylinder trim rings. The cylinder trim rings are reinforced by a tapered die cast security insert installed under the trim ring for resistance to wrenching or prying the cylinder unit.

Deadbolt: Furnished with B300 Maximum Security Deadbolt-Series standard deadbolt. All optional B300-Series deadbolts available.

Strikes: B300 and F-Series standard strikes. All B300 and F-Series optional strikes available.

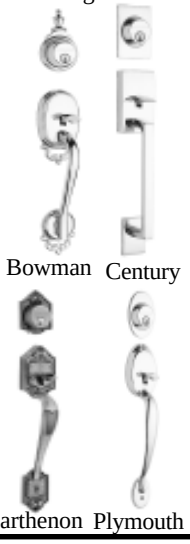
Door Frame Reinforcer: (37-016) Furnished standard with deadbolts. This unit significantly strengthens a wood jamb against "kick-in" attack and greatly increases the security effectiveness of the lock. The reinforcer is concealed under the strike and is anchored to the jamb with two 3" long screws.

STANDARD FEATURES:

* Lifetime Mechanical Warrant, 10 Year durable finish warranty and ULTIMA™ Lifetime Finish Warranty for residential applications
* 1" throw deadbolt, 7/8" housing standard
* Solid brass pin tumbler cylinder assembled with pick resistant pins
* Large inside thumb turn for easy operation
* Century and Bowman designs are through-bolted for added security. Parthenon and Plymouth designs can accommodate both through-bolting and surface installations.

FINISHES:

	605	609	626	613	619	620	625
Bowman	●	●					
Camelot	●	●		●	●	●	
Century	●	●	●				●
Parthenon		●					
Plymouth	●	●		●	●	●	●



RESIDENTIAL LOCK SETS

Application: Residential single and multi-family doors.

Certifications: ANSI A156.2, 1996, Series 4000 Grade 2. UL/cUL Listed up to 3 hr doors available, assembled to order.

Exposed Trim: Wrought brass. Levers are zinc based plated to match finishes indicated

Keying:: 5 pin tumbler C keyway with two nickel silver keys. Available for all knob designs

Door Range: 1-3/8" to 1-3/4" standard. Most functions available for 2" doors, specify when ordering.

Backset: Universal latch standard, fits either 2-3/8" or 2-3/4" backsets. 5" backset available.

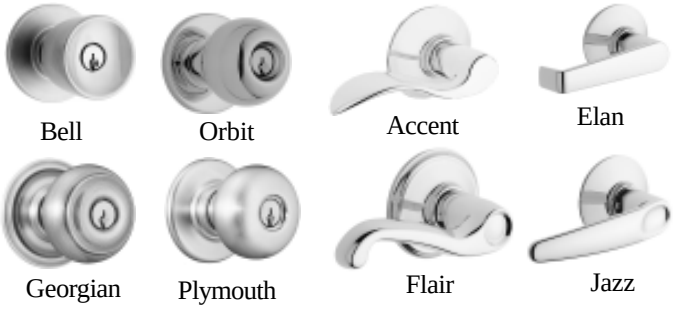
Latches: 1" x 2-1/4" triple option latch std, ½" throw std.

1-1/8" faceplate adapters available. Circular drive-in and ¼" radius round corner available

Strikes: Full lip, 1-5/8" x 2-1/4", 1-1/8" lip, #10-026, std. Optional strikes: full lip, ¼" radius round corner; circular drive-in, ANSI 1-1/4" x 4-7/8", 1-3/16" lip. UL/cUL Listed locks are furnished with #10-001 T strike, 1-1/8" x 2-3/4", 1-1/8" lip (also available with standard product).

STANDARD FEATURES:

* Lifetime Mechanical Warranty and 10 year Finish Warranty for residential applications
* Pressure case zinc tubular lock housing
* Key removable outside knobs or levers for easy cylinder replacement
* Three-piece assembly for fast easy installation
* Meets 400,000 cycle ANSI Grade 2 requirements
* One piece knob for better security and appearance

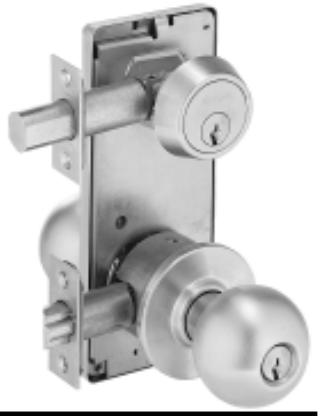


FINISHES:

	605	609	626	613	619	620	625
Bell	●	●	●				
Georgian	●	●			●	●	
Orbit	●	●	●	●			●
Plymouth	●		●				
Accent	●	●		●	●	●	●
Elan	●	●	●				
Flair	●	●	●				●
Jazz	●						

H-SERIES
INTERCONNECTED LOCKS

Applications	An Ideal entrance lock that is well suited for single and multi-family residential dwellings as well as commercial applications. The interconnected H-Series provides the security of deadbolt locking with the ease and convenience of a standard cylindrical chassis. The lock features simultaneous retraction of both the latch and the deadbolt from the inside by turning the knob/lever, providing panic-proof exiting.
Certifications	Knobs, inside escutcheon and trim rings are wrought brass or bronze. Trim rings and levers are zinc-based plated to match BMHA finishes indicated
Exposed Trim	5 pin tumbler with two nickel silver keys per lock. 6 pin keying available. Other keying options available include master keying, grand master keying, construction keying and interchangeable cores. Also available with Primus®high-security cylinders and Everest™ patent protected keying system.
Keying	Knob and lever locks, 1-3/4" standard. Also available for 1-3/8" doors. Specify door thickness when ordering H-Series locks for other than standard door thick nesses.
Door Frame Reinforcer	Door Frame Reinforcer (37-016) Furnished with standard deadbolts. This unique device significantly strengthens a wood door jamb against "kick-in" attack and greatly increases the security effectiveness of the lock. The reinforcer is concealed under the strike and is anchored to the jamb with two 3" long screws.
Backset	2-3/8" standard, 2-3/4" and 5" available
Meteor Escutcheon	Meateor Escutcheon (36-056) The Meateor escutcheon may be ordered as an accessory to tie-in outside trim. Material: Wrought brass or bronze. Size: 3-1/4: x 8-1/4" x 3/16".
Latches	Furnished with standard A and B250-Series latch strikes.
Strikes	Optional A and B-Series strikes available
Deadbolt	1" throw B250-Series deadbolts with concealed hardened steel rollers, 1" x 2-1/4" faceplates and 7/8" housings standard. BB250-Series deadbolt is available. 1" X 2-1/4", ½" Throw A-Series Latches with 7/8" housings standard. All A-Series latches available.



L-SERIES
HEAVY-DUTY MORTISE LOCKS

L-Series Heavy-Duty Small Case Mortise Deadbolt Locks

SPECIFICATIONS:

Applications	For commercial and institutional buildings where the finest in auxiliary mortise deadbolt locks are required
Certifications	ANSI A156.5, 1992, Grade 1. UL/cUL Listed
Exposed Trim	Wrought brass, bronze or stainless steel
Keying	6 pin tumbler with two nickel silver keys per lock. Stock locks are keyed 5 pin. Keying options available from factory are master keying, construction keying, interchangeable core, Primus ® high-security cylinders and Everest™ patent protected keying system.
Spacing	℄ Turn-piece to ℄ cylinder, 1-9/64"
Door Range	1-3/4" standard. Available to 3", regular parts assembled to order. Specify door thickness
Case Size	
Armored Front	1-1/4" x 5-19/32" x 7/32" standard
Stikes	1-1/8" x 3-1/2", no lip, furnished w/ dust box, std. 1-1/4" x 4-7/8", no lip, available
Backset	2-3/4" only
Deadbolt	1" throw stainless steel



L-SERIES
HEAVY-DUTY MORTISE LOCKS

SPECIFICATIONS

Applications	For commercial and institutional buildings where the finest in mortise locks are required
Certifications	ANSI A156.13, 1994, Grade 1 Operational, Grade 1 Security. ANSI/ASTM F476-84 Grade 30, UL/cUL Listed.
Knobs & Levers	Cast/Forged Lever Designs: Forged brass, forged bronze or cast stainless steel. 93 Lever: Extruded brass, bronze or stainless steel.
Roses	A Design: 2-1/8" diameter wrought brass, bronze or stainless steel. B Design: 2-9/16" diameter wrought brass, bronze or stainless steel.
Escutcheons	L escutcheons are cold forged brass or bronze and stainless steel. N escutcheons are heavy wrought reinforced brass, bronze or stainless steel. L = 8" x 1-3/4" x 7/16"; N=8" x 2-9/16" x 7/16"
Trim Combinations	Available with knob both sides, lever both sides or knob x lever, with rose or escutcheon both sides
Keying	6 pin tumbler with two nickel silver keys per lock.
Spacing	Stock locks are keyed 5 pin. Keying options available are master keying construction keying, interchangeable core, Primus ® high-security cylinders & Everest ™ patent protected keying system.
Door Range	Knob/lever to cylinder, 3-55/64"; knob/lever to turn-piece, 2-11/16"
Case Size	1-3/4" std. 1-3/8" to 2-1/2" regular parts assembled to order. Over 2-1/2" door ranges vary by functions. N escutcheon available for 1-3/4" doors std. 2" to 2-3/8" regular parts assembled to order.
Armored Front	Specify door thickness & armor front required 4-7/16" x 6-1/6" x 1"
Backset	1-1/4" x 8" x 7/32" standard. 1-1/16" x 8" x 7/32" optional 2-3/4" only
Deadbolt	1" throw stainless steel
Latchbolt	¾" throw stainless steel with anti-friction tongue
Funcitons	See chart on following pages; All functions are available except as follows: 93 lever & N escutcheon not available for Hotel Lock Function-F15

FINISHES:

	605	606	612	613	625	626	629	630
All Levers except 01, 02, 05, & 18	✓	✓	✓	✓	✓	✓	✓	✓
01, 02, 05, & 18 Levers					✓	✓		✓
41 & 42 Knobs	✓	✓	✓	✓	✓	✓	✓	✓
A & B Roses	✓	✓	✓	✓	✓	✓	✓	✓
L & N Escutcheon	✓	✓	✓	✓	✓	✓	✓	✓



17A
L9453P



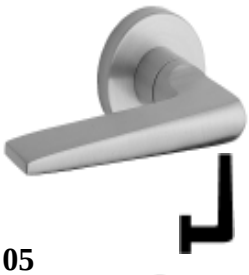
01



02



03



05



06



07



12



17



18



Electrified Locks Available

S-SERIES
HEAVY-DUTY RESIDENTIAL/ STANDARD DUTY COMMERCIAL

STANDARD FEATURES:

* Exceeds 400,000 cycle ANSI Grade 2 requirements
* Exceeds 450 Lbf-in lever torque ANSI Grade 2 requirements
* Interlocking chassis and latchbolt
* Snap-on inside rose conceals mounting screws
* Key removable outside lever-quick & easy cylinder replacement

SPECIFICATIONS:

Applications Interior light to medium duty commercial doors; office tenant, laboratories, passage and entrance doors. Heavy-duty residential doors: singles and multi-family housing.

Certifications: ANSI A156.2, 1996, Series 4000 Grade 2. UL/cUL Listed for all functions up to 3 hr doors.

Exposed Trim: Levers are pressure cast zinc, plated to match finishes indicated. Roses, latch faceplates and strikes are wrought brass or bronze.

Keying: 6 pin tumbler with two nickel silver keys per lock. Stock locks are keyed 5 pin. Other keying options available from the factory include master keying, grand master keying, construction keying and interchangeable core. Also available with Primus® high-security cylinders and Everest™ patent protected keying system.

Door Range: 1-3/8" to 2", except S40D: 1-3/8" to 1-7/8".

Backset: Universal backset latches standard, fit either 2-3/8" or 2-3/4" backsets. 5" backset latches available.

Deadlatches: Latches are furnished in brass, bronze or chrome finishes, compatible with lock trim. All S-Series latches have a ½" throw. Orders for complete locks are provided with a G506-815 sleeve for latches installed in doors with 1" edge bore.

Strikes: Square corner, 1-1/8" x 2-1/4" x 3/32" T strike with 1-1/8" lip, furnished with dust box, #10-001 is standard. Optional lip lengths 1" to 2". ¼" radius round corner strikes and ANSI 1-1/4" x 4-7/8" strikes are also available.



FINISHES:

	605	606	609	612	613	625	626
Flair	●	●	●	●	●	●	●
Jupiter	●	●			●	●	●
Neptune	●	●			●	●	●
Saturn	●	●	●	●	●	●	●

S200-SERIES
INTERCONNECTED LOCKS

STANDARD FEATURES:

* Exceeds 400,000 cycle ANSI Grade 2 requirements
* Interconnected latch bolt and deadbolt chassis
* Independent heavy-duty torsion springs
* Key removable outside levers for quick cylinder replacem ent
* Large inside thumb turn for easy deadbolt operation.

SPECIFICATIONS:

Applications Single and multi-family residential, office, hotel/motel and commercial applications. Simultaneous latch and bolt retraction for rapid exit

Certifications: ANSI A156.2, 1996, Series 4000 Grade 2. UL/cUL Listed for all functions up to 3 hr doors.

Exposed Trim: Levers are zinc based, plated to match finishes indicated. Roses and escutcheons, latch faceplates, strikes and Meteor escutcheons (36-056) are wrought brass or bronze.

Keying: 6 pin tumbler with two nickel silver keys per lock. Stock locks are keyed 5 pin. Other keying options available from the factory include master keying, grand master keying, construction keying and interchangeable core. Also available with Primus® high-security cylinders and Everest™ patent protected keying system.

Door Range: 1-3/8" to 2"

Backset: 2-3/8" standard. 2-3/4" and 5" backsets available.

Latches: 1-1/8" x 2-1/4", ½" throw. 7/8" housing latches are provided with 1" sleeves as standard

Deadbolt: 1" throw stainless steel deadbolt is standard

Strikes: Furnished with standard B600-Series and S-Series strikes. Optional strikes available.



FINISHES:

	605	606	609	612	613	625	626
Flair	●	●	●	●	●	●	●
Jupiter	●			●	●	●	●
Neptune	●			●	●	●	●
Saturn	●	●	●	●	●	●	●
Meateor (36-056)	■	■	■	■	■	■	■

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ANSI A156.2, 1996, SERIES 4000 NON-KEYED LOCKS

								
	Passage Latch	Exit Lock	Exit Lock	Patio Lock	Bed/Bath Privacy Lock	Communicating Lock	Hospital Privacy Lock	Single Dummy Trim
SCHLAGE	A10S-gr2, AL10S-gr2, D10S-gr1, F10-gr2, S10D-gr2	D12D-gr1	A25D, AL25D, D25D*	A30D-gr2, F30-gr2	A40S-gr2, AL40S-gr2, D40S*-gr2, F40-gr2, S40D-gr2	A43D-gr2	D44S*	A170, AL170, D170*, F170, S170
ANSI	F75	F89		F77	F76	F79		
	Both knobs/levers always unlocked	Outside lever always fixed. Inside always unlocked.	Blank plate outside. Inside knob always unlocked	Push-button locking. Turning inside knob releases button.	Push-button locking. Turning inside knob/lever releases push-button. Can open from outside via emergency release.	Turn-button in outer knob locks and unlocks knob and inside thumbturn	Push-button locking. Unlocked from outside by turning emergency turn-button.	Single dummy trim for one side of door.

ANSI A156.2, 1996, SERIS 4000 KEYED LOCKS

								
	Entrance Lock	Entrance/Office Lock	Entrance Lock	Classroom Sec. Exit Lock	Store Lock	Classroom Lock	Communicating Lock	Corridor Lock
SCHLAGE	F51-gr2, S51PD-gr2	AL50PD-gr2, D50PD*-gr1, D91PD**-gr1	A53PD-gr2, AL53PD-gr2, D53PD*-gr1, D92PD**-gr1	D60PD*-gr1, D93PD**	D66PD*	A70PD-gr2, AL70PD-gr2, D70PD*-gr1, D94PD**-gr1, S70PD-gr2	D72PD-gr1	D73PD*-gr1
ANSI	F81	F82	F109	F88	F91	F84	F80	F90
	Unlocked by key from outside. Inside always unlocked.	Push-button locking	Turn/push-button locking.	Latch retracted by key from outside. Inside always unlocked. Locked or unlocked by key inside.	Key in either knob/lever locks or unlocks both sides.	Outside knob/lever locked and unlocked by key. Inside always unlocked.	Key in either knob locks or unlocks each knob independently.	Locked or unlocked by key from outside. Push-button locking from inside.

ANSI A156.2, 1996, SERIES 4000 SERIES KEYED LOCKS (CONTINUED)

								
	Communicating Lock	Storeroom Lock	Institution Lock	Hotel/Motel Lock	Electrically Locked	Electrically Unlocked	Electrically Locked	Electrically Unlocked
SCHLAGE	A79PD	A80PD-gr2, AL80PD-gr2, D80PD*-gr1, D96PD**-gr1, F80-gr2, S80PD-gr2	D82-PD*	A85PD-gr2, AL85PD-gr2, D85PD*-gr1	D80PDEL*	D80PDEU*	D12DEL	D12DEU
ANSI	--	F86	F87	F93	--	--	--	--
	Locking or unlocked by key from outside	Outside knob/lever fixed. Key only. Inside knob/lever always unlocked.	Both knobs/levers fixed. Entrance by key in either knob/lever	Outside knob fixed. Key only. Push-button inside knob.	Outside continuously locked electrically. Unlock by key/switch/power failure.	Outside continuously locked electrically. Unlock by key/electric current.	Outside continuously locked electrically.	Outside continuously locked electronically.

ANSI A156.2, 1996 SERIES 4000
KEYED LOCKS cont'd

ANSI A156.5, 1992 BORED DEADBOLT LOCKS

								
	DE70	DE80	Single Cylinder Deadbolt Lock	Double Cylinder Deadbolt Lock	One-Way Deadbolt Lock	Classroom Deadbolt Lock	Cylinder Lock	Door Bolt
SCHLAGE	DE70C1/2/3PD Vandlgard avail as DE94C1/2/3PD	DE80C1/2/3PD Vandl... ail ...D	BC160P-gr3, B360N-gr2, B660P-gr1, B760P-gr1, B860P-gr1	BC162P-gr3, B362N-gr2, B662P-gr1, B762P-gr1, B862P-gr1	B661P-gr1, B761P-gr1, B861P-gr1	B663P-gr1, B763P-gr1, B863P-gr1	B664P-gr1, B764P-gr1, B864P-gr1	BC180-gr3, B380-gr2, B680-gr1
ANSI	DISCONTINUED	--	E2153, E2152,E2151	E2143, E2142, E2141	E2161	E2171	E2101	E2193, E2192, E2191
	Outside locked/unlocked electronically. Inside always unlocked.	Outside unlocked electronically--locks after 5 secs. Inside always unlocked.	Thrown/retracted by key outside/inside unit. Deadlocks when fully thrown.	Thrown/retracted by key either side. Deadlocks when fully thrown.	Thrown/retracted by key only. Blank inside. Deadlocks when fully thrown.	Thrown/retracted by key outside. Inside retracted bolt only. Deadlocks when thrown.	Thrown/retracted by key one side. No trim inside. Deadlocks when fully thrown.	Thrown/retracted by turn unit only. No outside trim. Deadlocks when thrown.

ANSI A156.2, 1996, BORED DEADLATCH LOCKS

ANSI A156.5, 1992 MORTISE DEADBOLT LOCKS

							
	Night Latch	Double Cylinder Deadlatch	Cylinder x Thumbturn	Double Cylinder	Classroom Lock	Cylinder Lock	Door Bolt
SCHLAGE	B250PD-gr2	B252PD-gr2	L460P-gr1	L462-gr1	L463P-gr1	L464P-gr1	L480
ANSI	E2122	E2112	E06071	E06061	E06091	E06081	
	Retracted by key outside/inside unit. Hold-back feature keeps latch retracted.	Retracted by key either side. No hold-back feature.	Thrown/retracted key outside/thumbturn inside.	Key either side.	Thrown/retracted key outside. Inside retracts only.	Thrown/retracted key one side. No trim opposite side.	Thrown/retracted thumbturn one side. No trim opposite side.

ANSI A156.12, 1992 INTERCONNECTED LOCKS

						**SYMBOL KEY:**
	Entrance, Single Locking	Entrance, Double Locking	Entrance, Double Locking	Classroom Lock	Storeroom Lock	* Available funtion for Athens, Rhodes & Sparta designs
SCHLAGE	H110, S210PD-gr2	S251PD-gr2	H153	S270PD	H180, S280PD-gr2	** Vandlegard ® function for lever designs only.
ANSI	F95	F97	F97		F98	▪ Lever Designs Only
	Thrown/retracted key upper lock outside/inside unit. Deadlocks when fully thrown. Latchbolt retracted knob/lever either side.	Thrown/retracted key upper lock outside/inside unit. Deadlocks when fully thrown. Inside lever retracts bolt/latch simultaneously.	Thrown/retracted key upper lock outside/inside unit. Deadlocks when thrown. Deadlatch retracted key outer knob when pushing button inner knob. Inside knob retracts bolt/latch simultaneously.	Thrown/retracted key outside/inside unit. Deadlocks when throw. Outer lever locks/unlocks key only. Inside knob/lever retracts bolt/latch simultaneously.	Thrown/retracted key outside/inside unit. Deadlocks when thrown. Outside knob/lever fixed. Key only. Inside knob/lever retracts bolt/latch simultaneously.	⊗ CAUTION: double cylinder locks on residences and any door in any structure which is used for egress are safety hazards.
						♦ Not available with N escutcheons

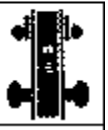
ANSI A156.12, 1992 INTERCONNECTED cnt'd ANSI A156.13, 1994, SERIES 1000 MORTISE LOCKS, NON-KEYED

								
	Hotel/Motel Lock	Single Dummy Trim	Single Dummy Inside Trim	Passage Latch	Bed/Bath Privacy Lock	Privacy w/ Coin Turn Outside	Privacy w/ Deadbolt	Privacy w/ Deadbolt &
SCHLAGE	H185	S290	H170	L9010	L9040	L9044	L9440	L9444
ANSI	F100	--	--	--	F22	--	--	--
	Thrown/retracted key upper lock from outside/inside unit. Deadlocks when thrown.	For one side. Used for door pull or matching trim.	Snap-on rose/knob. Concealed screws.	Retracted by knob/lever either side.	Retracted knob/lever either side unless outside locked by thumbturn. Turning inside knob/lever, closing door or emergency turn unlocks outside	Retracted knob/lever either side unless outside locked by thumbturn or coin turn. Turning inside knob/lever, closing door, rotating inside thumbturn or outside coin turn unlocks outside.	Retracted knob/lever either side. Deadbolt operated by thumbturn. Turning inside knob/lever or emergency button unlocks outside	Retracted knob/lever either side. Deadbolt operated by thumbturn or coin turn. Turning inside knob/lever or coin turn unlocks

ANSI A156.13, 1994, SERIES 1000 MORTISE LOCKS, NON-KEYED ANSI A156.13, 1994, SERIES 1000 MORTISE LOCKS,Keyed

									
	Single Dummy Trim	Pair Dummy Trim	Single Dummy Trim	Pair Dummy Trim	Office & Entry Lock	Office/Entry Simultaneous Retraction	Apartment Entrance Lock	Classroom Lock	Security Classroom
SCHLAGE	L0170	L0172	L9175	L9176	L9050-grl	L9056	L9060	L9070-grl	L9071-grl
ANSI	--	--	--	--	F04	--	F09	F05	--
	Knob/lever one side fixed. Includes lock chassis & armor front.	Knob/lever both sides fixed by mounting bar.	Knob/lever one side fixed. Includes lock chassis & armor front.	Knob/lever both sides fixed. Includes lock chassis & armor front	Retracted knob/lever either side unless outside is made inoperative by key or thumbturn. Latchbolt retracted by knob/lever inside.	Retracted knob/lever either side unless outside operative by key/thumbturn. Inside knob/lever simultaneously retracts	Retracted knob/lever either side unless outside locked by inside key. Unlocked by key outside or knob/lever inside.	Retracted knob/lever either side unless outside locked by key. Inside always locked.	Retracted by knob/lever either side unless locked by key from either side. Unlocked by key outside or knob/lever inside.

ANSI A156.13, 1994, SERIES 1000 MORTISE LOCKS, KEYED continued

								
	Classroom Holdback Lock	Security Classroom Holdback Lock	Storeroom Lock	Electrically Locked	Electrically Unlocked	Request to Exit Electrically	Request to Exit Electrically	Institution Lock
SCHLAGE	L9076-grl	L9077-grl	L9080-grl	L9080EL	L9080EU	L9080EL-RX	L9080EU-RX	L9082
ANSI	F06	--	F07	--	--	--	--	--
	Latchbolt operated knob/lever either side except when locked by key. Inside always unlocked. Holdback latch w/ key.	Retraced knob/lever either side unless locked by key. Unlocked by key outside or knob/lever inside. Either key holds back latch.	Latchbolt retracted key outside or knob	Outside knob/lever continuously locked by 24V AC or DC. Latchbolt retracted by key outside or knob/lever inside. Auxiliary latch.	Outside knob/lever unlocked by 24V AC or DC. Latchbolt retracted by key outside or knob/lever inside. Auxiliary latch . Inside always free.	Same as L9080EL w/ additional microswitch inside lock case signaling use of opening to security system.	Same as L9080EU w/ additional microswitch inside lock case signaling use of opening to security system.	Retracted key either side. Knob/lever both sides always inoperative. Auxiliary latch.

ANSI A156.13, 1994 SERIES 1000 MORTISE LOCKS, KEYED continued

								
	Electrically Locked Both Sides	Electrically Unlocked Both Sides	Entrance Lock	Corridor Lock	Security Classroom w/ Deadbolt	Closet Storage Lock	Store/Utility Room Lock	Dormitory/ Bedroom Lock
SCHLAGE	L9082EL	L9082EU	L9453-grl	L9456-grl	L9457-grl	L9465	L9466-grl	L9473-grl
ANSI	–	–	F20	F13	F14	--	F14	F21
	Fail Safe. Both knob/levers continually locked by 24V AC or DC. Retracted by key either side.	Fail Secure. Both knob/levers unlocked by 24V AC or DC. Retracted by key either side.	Retracted knob/lever either side unless outside locked by 20 deg rotation of thumbturn. Deadbolt thrown or retracted by 90 deg rotation of thumbturn. Retracts deadbolt & latchbolt simultaneously. Auxiliary Latch.	Retracted knob/lever either side. Deadbolt operated by key or inside thumbturn. Throwing deadbolt locks outside knob/lever. When locked inside knob/lever simultaneously retracts deadbolt & latchbolt.	Latchbolt operated by knob/lever either side. Deadbolt projected & outside lever locked by key from either side. Inside knob/lever retracts deadbolt/latchbolt simultaneously.	Retracted knob/lever either side. Deadbolt extended or retracted by key outside.	Retracted knob/lever either side. Deadbolt extended or retracted by key either side.	Retracted knob/lever either side. Deadbolt extended or retracted by key outside or thumbturn inside.

ANSI A156.13, 1994 SERIES 1000 MORTISE LOCKS, KEYED continued

							
	Storeroom Lock w/ Deadbolt	Hotel Lock	Hotel Lock DND Indicator	Hotel Lock Occupied Indicator	Privacy Lock Occupied Indicator	LE9070	LE9080
SCHLAGE	L9480	L9485	L9486-grl	L9486 x LS83-375	L9496	LE9070C1/2/3P	LE9080C1/2/3P
ANSI	–	–	F15	–	--	--	–
	Retracted key outside or knob/lever inside. Outside knob/lever always inoperative. Deadbolt operated by key outside/thumbturn inside. When locked, inside knob/lever simultaneously retracts deadbolt & latchbolt.	Retracted key outside or knob/lever inside. Outside knob/lever always fixed. Deadbolt thrown or retracted inside thumbturn. Deadbolt thrown, all keys inoperative except emergency or display. Inside knob/lever retracts deadbolt/latchbolt simultaneously. Auxiliary latch.	Retracted key outside or knob/lever inside. Outside knob/lever fixed. Deadbolt operated inside thumbturn. Deadbolt thrown, "DO NOT DISTURB" only operable by emergency keys. Inside knob/lever simultaneously retracts deadbolt & latchbolt.	Retracted key outside or knob/lever inside. Outside knob/lever fixed. Deadbolt operated inside thumbturn. Deadbolt thrown "OCCUPIED" only operable by emergency keys. Inside knob/lever simultaneously retracts deadbolt & latchbolt.	Retracted knob/lever either side. Deadbolt by key outside/thumbturn inside. Deadbolt thrown "OCCUPIED" locks outside knob/lever. Inside knob/lever simultaneously retracts deadbolt & latchbolt	Outside lever locked unlocked by electronic key. Emergency override mechanical Primus key available. Inside lever always unlocked.	Outside unlocked electronically-locks after 5 secs. Emergency override mechanical Primus key available. Inside lever always unlocked.

ANSI A156.13, 1994 SERIES 1000 MORTISE LOCKS, KEYED DEADLOCKS ENTRANCE HANDLESETS

							
	Cylinder x Thumbturn	DoubleCylinder	Classroom Lock	Cylinder Lock	Entrance Lock	DblCylinder Entrance Lock	Outside & Inside Dummy Trim
SCHLAGE	L9460-grl	L9462-grl	L9463	L9464-grl	F360	F362	F393
ANSI	F17	F16	–	F18	–	--	--
	Deadbolt thrown/retracted key outside/thumbturn inside.	Deadbolt operated by key either side.	Deadbolt thrown/retracted by key outside. Inside cylinder turn retracts deadbolt but cannot project.	Deadbolt thrown/retracted key one side. No trim on opposite side.	Deadbolt thrown or retracted by key from either side. Latch retracted by thumbpiece from outside or by inside knob/lever.	Deadbolt thrown or retracted by key from either side. Latch retracted by thumbpiece from outside or by inside knob/lever	For use as door pull or as dummy trim on inactive leaf on pair of doors. Fixed thumbpiece & inside knob/lever. Dummy cylinder w/ inside plate.



SX185 DEADLOCK

FEATURES

- 31/32" and 1-1/8" backsets
- 1" x 6" x 2-1/4" steel case with corrosion-resistant plating
- Bolt measures 5/8" x 1-3/8" x 2-7/8" with 1-3/8" throw
- Eight ply laminated stainleses steel bolt
- Flat or radius faceplates available
- Available in clear or dark bronze finishes
- ANSI/BHMA Type E8211 - Grade 1



SX189 LATCH-LOCK

FEATURES

- 31/32" and 1-1/8" backsets
- 1" x 7-3/8" x {backset depth} steel case with corrosion-resistant plating
- Latchbolt measures 5/8" x 1-3/8" with a 13/16" throw
- Eight ply laminated stainless steel latchbolt
- Flat or radius faceplates available
- Available in clear or dark bronze finishes
- ANSI/BHMA Type E82101 - Grade 1



SX471 DEADLATCH

FEATURES

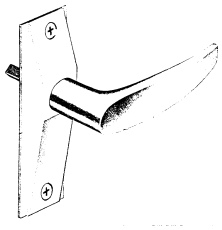
- 31/32" and 1-1/8" backsets
- 1" x 7-3/8" x {backset depth} steel case with corrosion-resistant plating
- Latchbolt measures 1/2" x 1" with 1/2" throw
- Latchbolt is all metal with steel internal pins
- Easy reversible handing
- Flat or radius faceplates available
- Available in clear or dark bronze finishes
- ANSI/BHMA Type E8231 - Grade 1



SX459 PUSH/PULL PADDLE

FEATURES

- Available in Push to Left, Push to Right, Pull to Left and Pull to Right
- Clear or dark bronze finishes available
- Reversible hand



SX416 HANDLE

FEATURES

- Satin chrome plated zinc lever with concave thumb-rest
- Clear or Dark Bronze finishes available
- 1-3/8" x 4" escutcheon with a 1/4" square heat-treated spindle
- Handed. Specify left or right hand.



SX450 LATCH STRIKE

FEATURES

- Standard flat strike
- Molded black plastic dust box
- Steel mouting plate

elements SERIES™



Richmond



York

KNOBSETS

FEATURES

- 2-1/8" dia door face hole, 1" dia latch hole
- Automatic adjustement to door thickness of 1-3/8" to 1-3/4"
- AC Series Certification: Qualifies as an ANSI A156.2, Series 4000, Grade 3 lock
- 2-3/8" to 2-3/4" adjustable backset latch standard
- Vu-pack availableonly with Universal Latch (6-way) with metal nosebolt

elements SERIES™



Single Cylinder

Double Cylinder



DEADBOLTS

FEATURES

- 1" projection deadbolt latch with 1/4" dia hardened steel free-turning roller
- 2-1/8 dia face hole and 1" dia latch hole
- A 5051 square full lip deadbolt strike is standard
- Automatic adjustment to door thickness from 1-3/8" to 1-3/4"
- 2-3/8" to 2-3/4" adjustable backset latches stanadrd
- Vu-pack available only with Universal Latch (6-way)

Welcome Home SERIES®



Aristocrat



Beverly

A SERIES KNOBSETS

FEATURES

- 2-1/8"dia door face hole, 1" dia latch hole
- Automatic adjustment to door thickness of 1-3/8" to 1-3/4"
- ANSI A156.2 Series 4000, Grade 2 lock. Listed by Underwriters Laboratories when specified.
- Meets the ADA of 1990.
- Fixed backset latches only--UL approved standard
- 2-3/8" to 2-3/4" adjustable backset latch standard

Welcome Home SERIES®



Dane

SP SERIES CYLINDRICAL LEVERSETS

FEATURES

- 2-1/8"dia door face hole, 1" dia latch hole
- Automatic adjustment to door thickness of 1-3/8" to 1-3/4"
- Qualifies as an ANSI A156.2 Series 4000, Grade 2 lock. Listed by Underwriters L aboratories when specified.
- Meets the ADA of 1990.
- Fixed backset latches only--UL approved standard
- 2-3/8" to 2-3/4" adjustable backset latch standard
- Split finishes not available for keyed lever by lever product

Welcome Home SERIES®



Single Cylinder



Indicator



Double Cylinder

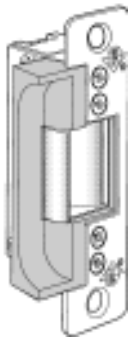


Half-Bore

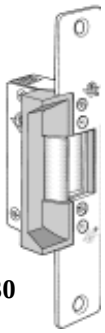
D SERIES DEADBOLTS

FEATURES

- 1-1/2" face hole. 1" dia latch hole. 2-1/8" dia face hole acceptable if Grade 2 not required.
- D9000 Series features a solid brass cylinder housing with a solid brass free-turning cylinder ring.
- Automatic adjustment to door thickness of 1-3/8" to 1-3/4". Specify "-1" for 1-3/4" to 2-1/4"
- Meets ANSI A156.5 Grade 2. 10018 Strike meets Grade 2 on metal frames; 10046 security strike on wooden frames to meet Grade 2 requirments
- 10046 quare corner deadbolt security strike with 3" mounting screws is standard
- T-turn on single cylinder deadbolts meets handicapped specifications
- 2-3/8" to 2-3/4" adjustable backset latches standard



7108



7130



71R1



71R2

7100 SERIES

For Latches:
Adams Rite #4500 & 4700 Series, Key-In Knob, Mortise, Adams-Rite 8300 & 8400 Series Exit Devices, Rim Exit Devices by Others (#71R1: used with Von Duprin, Precisoin, Monarch, American Device)

For Jambs:
Alum, Raidus Stile,Wood, Hollow metal, Steel

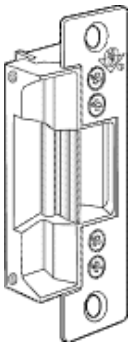
Currancy:
DC Continuous or intermittent; AC Continuous (DC strike packed with/4603 rectifier); AC Intermittent

Voltage: 12, 16 or 24 Volt

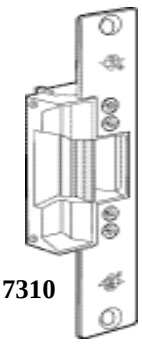
Features: Std/Fail-secure; Fail-safe; Monitor/Fail-safe and Monitor/Fail-secure

Lip Extensions (from door centerline to jamb edge) 1.06" or less up to 3"

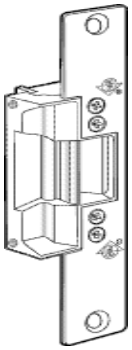
Available Finishes:
Satin Alum, Brass Alum, Satin Bronze, Oil Bronze, "Bronze" Anod, Black Anod, Satin Chrome, Black (Ritecoat), Silver (Ritecoat)



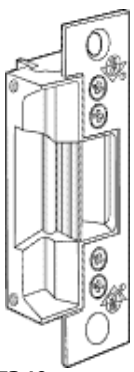
7300



7310



7330



7340

7300 SERIES
For Shallow Dept Installations

For Latches:
Adams Rite #4500 & 4700 Series, Key-In Knob lever or latches up to 5/8" throw mounted on strike centerline

For Jambs:
Alum, Wood

Currancy:
DC Continuous or intermittent

Voltage: 12 or 24 Volt

Features: Std/Fail-secure; Fail-safe; Monitor/Fail-safe and Monitor/Fail-secure

Lip Extensions: 1.06" or less, 1.375", 2" and 2.25"

Available Finishes:
Satin Alum, "Bronze" Anod, Satin Chrome, Black Anod.,Oil Rubbed Bronze



200 Shown

200 SERIES

APPLICATIONS:

Electric strike for use with bored locks and mortise locks (without deadbolts) having 1/2" throw latchbolt.

- **#201** - No faceplate
- **#202** - 4-7/8" faceplate, square corners, for wood & hollow metal frames
- **#203** - 6-7/8" faceplate, square corners, for wood & hollow metal frames
- **#204** - 4-7/8" faceplate, radiused corners, for aluminum frames
- **#205** - 6-7/8" faceplate, radiused corners, for aluminum frames

FEATURES:

- Incorporates and internally mounted dual voltage solenoid for use with 12 & 24 VAC/VDC
- Built for long life; exceeds 750,000 cycle test
- Durable, die cast body for long life and corrosion resistance. The strike exceeds 1500 lb pull test
- Designed with fewer moving parts to minimize wear & maximize life
- 1/2" keeper depth
- Non-haned, reversible, plug connector included
- Non-Fail Safe (standard (Fail-Safe is optional)
- Optional Mounting tabs and Astragal
- Available in 12 or 24 Volt AC or DC
- Finishes: Satin Aluminum & Anodized Bronze

FOLGER ADAM



500 Shown

500 SERIES

APPLICATIONS:

Electric strike for use with bored locks and mortise locks (without deadbolts) having up to 3/4" throw latchbolt.

- **#501** - No faceplate, for hollow metal frames
- **#502** - 4-7/8" faceplate, square corners, for hollow metal frames
- **#503** - 6-7/8" faceplate, square corners, for hollow metal frames
- **#504** - 4-7/8" faceplate, radiused corners, for aluminum frames
- **#505** - 6-7/8" faceplate, radiused corners, for aluminum frames
- **#506** - No faceplate, for wood frames
- **#507** - 4-7/8" faceplate, square corners and an offset solenoid, for wood frames
- **#508** - 6-7/8" faceplate, square corners and an offset solenoid, for wood frames

FEATURES:

- Tamper resistant, heavy-duty construction
- Built for long life; exceeds 750,000 cycle test
- Durable die-cast body for long life & corrosion resistance; exceeds 1500 lb pull test
- Internal parts constructed of stainless steel
- Horizontally adjustable keeper to allow for door & frame misalignment
- Non-handed, reversible
- Non-Fail Safe standard (Fail-Safe optional)
- Optional locking cam monitor indication switch
- Optional Accessories include: Plug connector, mounting tabs and astragal
- Available in 12 or 24 Volt AC or DC
- Finishes: Satin Aluminum & Anodized Bronze

FOLGER ADAM

310 SERIES

FOLGER ADAM



310-1

FEATURES:

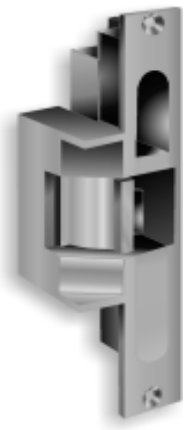
- Corrosion Resistant metals--cast stainless steel case and working parts, stainless steel springs
- Tamper-Resistant, heavy-duty construction
- Non-Fail Safe -- Unlocks when energized
- Solenoid Actuated (24 VAC standard) May be energized continuously when unlocked. (AC-voltage units are adjustable, to operate either quietly, on continuous duty or audibly, on intermittent duty)
- Keeper Depth -- 1/2" standard
- Reversible -- non-handed
- Horizontal Adjustment -- to compensate for misalignment
- Listed by Underwriters' Laboratores Inc. -- Burglary-Resistant Electric Door Strike (UL Standard No. 1034, Burglary-Resistant Electric Locking Mechanisms)
- BHMA Standard 501, Grade 1 Electric Strike
- Supplied withWiring Diagram and installation data
- Available Finishes: Satin brass-clear coated, Satin Bronze-clear coated, Oxidized Satin Bronze-oil rubbed, Bright Chromium plated, Satin Chromium plated, Bright Stainless Steel, Satin Stainless Steel



310-4-100



310-4-2



310-3-1



310-2W



310-2



310-5



310-2-3/4U



310-2RF



310-2-3/4



310-2-3/4OB

FOLGER ADAM

710 SERIES

FEATURES:

- Corrosion Resistant metals--cast stainless steel case and working parts, stainless steel springs
- Tamper-Resistant, heavy-duty construction
- Non-Fail Safe -- Unlocks when energized
- Solenoid Actuated (24 VAC standard) May be energized continuously when unlocked.
- Keeper Depth -- 1/2"
- Reversible -- non-handed
- Horizontal Adjustment -- to compensate for misalignment
- Built-In Strain Relief -- keeps wires from pulling loose
- Listed by Underwriters' Laboratores Inc. -- Burglary-Resistant Electric Door Strike (UL Standard No. 1034, Burglary-Resistant Electric Locking Mechanisms)
- BHMA Standard 501, Grade 1 Electric Strike
- Supplied withWiring Diagram and installation data
- Available Finishes: Satin brass-clear coated, Satin Bronze-clear coated, Oxidized Satin Bronze-oil rubbed, Bright Chromium plated, Satin Chromium plated, Bright Stainless Steel, Satin Stainless Steel



710

712
For Hollow-Metal Door Frames



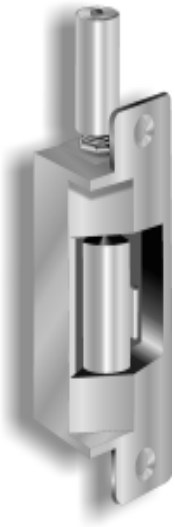
712-75
For Aluminum Door Frames



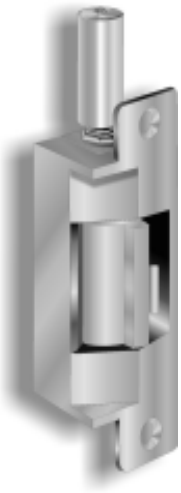
732
For Wood Door Frames



722
For Aluminum Door Frames

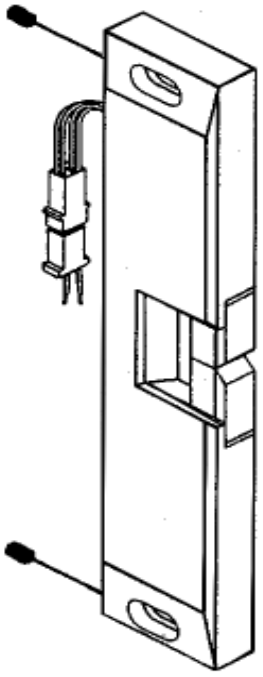


722-75
For Aluminum Door Frames



732-75
For Wood Door Frames





9600 GENESIS

Surface Mounted, Dual Locking, Heavy Duty

FEATURES:

- Inteded for UL 10C listing as a Fire Door Accessory Device, UL Burglary Resistance 1034, BHMA Standard 501 Grade 1, ANSI/BHMA A156 - 1992 Specification A115.6.1 Semi Rim Mounted E09311, E09312, E09313
- Durability minimum 500,000 cycles
- Horizontal adjustment, Continuous duty operation
- Tamper resistant, stainless steel construction
- Non-Handed, Low current draw, Plug-in connectors
- Internally mounted solenoid and horizontal lock down screws
- Options include: Latchbolt monitor (LBM), Latchbolt strike monitor (LBSM), & 7000- 108 Spacer plate
- Accesories available: Plug-In Bridge Rectifier, Smart Pac II Power Controller, Plug-In Buzzer & Plug-In LED
- Finishes: Standard-Satin Stainless Steel. Also available in all HES Special Finishes

Limited 5 year Warranty



0161 RIM STRIKE

- Universal design accomodates most manufactueres' exit devices
- Patented faceplate ramp design accommodates all deadlocking pin designs
- Extensive horizontal adjustment
- Accomodates 1/2" to 3/4" Pullman latch projection
- Fully reversible (non-handed)
- 12V or 24V AC/DC
- Powder coated finish
- 1-3/4" x 9" size
- For hollow metal, aluminum or wood frames
- Optional Double Door Housing for Pairs of Doors - Specifiy 0161 DDH



4104



4105

4 SERIES COMMERCIAL GRADE STRIKE

- Accommodates 3/4" latch projection
- Stainless steel faceplate
- Modular design
- Non-Handed
- 11-16 VAC, 12 or 24V AC/DC
- Fail Locked or Fail Unlocked
- 1-1/4" x 4-7/8" size (larger sizes available)
- For hollow metal, aluminum or Wood frames
- Available for the following: Narrowline aluminum locks, cylindrical or centerline mortise locks, centerline mortise exit devices





3360
CUSHION-LOK™ GLASS DOOR LOCKS
For Tempered Glass Doors without Frames

- No prep required for glass doors (slotted housing adheres to glass surface)
- Non-handed
- Unique gental closure
- 12V or 24V DC
- Attractive extruded aluminum housing
- Use on single or pairs (requires two locks) of glass doors with glass side or transom panels
- 1-9/16" x 5-3/4" size
- Adhesive included



3371
CUSHION-LOK™ GLASS DOOR LOCKS
For Tempered Glass Doors without Frames

- No prep required for glass doors
- Non-handed
- Unique gental closure
- 12V or 24V DC
- Stainless Steel faceplate
- Use on single or pairs (requires two locks) of glass doors with frames around the opening
- 1" x 6-5/16" size
- Latch monitor switch option





7104 **7114**

7 SERIES ADJUSTABLE STRIKE

Horizontal Adjustment of Strike Lip

- Accommodates 5/8" latch projection
- Stainless steel faceplate
- Modular design
- Non-Handed
- 11-16 VAC, 12 or 24V AC/DC
- Fail Locked or Fail Unlocked
- 1-1/4" x 4-7/8" size (larger sizes available)
- For hollow metal, aluminum or Wood frames
- Available for the following: Narrowline aluminum locks, cylindrical or centerline mortise locks, centerline mortise exit devices

ECONOMY SERIES ELECTRIC STRIKES

For Light Use with Narrowline Aluminum (Excluding 11BS Model)
Cylindrical Locks Up to 5/8" Latch Projection

11BS for Centerline Latch Entry

MODEL	DESCRIPTION	DIMENSIONS	MODE	VOLTAGE	FINISH
11BS-01	HM/Wood Frames	1-3/8" x 3-1/2"	Fail Locked	11-16V AC	26D/S4
11BS-05	HM/Wood Frames	1-3/8" x 3-1/2"	Fail Locked	12V AC/DC	26D/S4
11BS-01	HM/Wood Frames	1-3/8" x 3-1/2"	Fail Locked	24V AC/DC	26D/S4

11BS Strike Accessory - Weldable Box (3-1/2"d x 1-9/16"w x 3-3/4" h)

14BS/34BS for Special Offset Latch Entry

MODEL	DESCRIPTION	DIMENSIONS	MODE	VOLTAGE	FINISH
14BS-01	HM/Wood/Alum Frames	1-1/4" x 5-7/8"	Fail Locked	11-16V AC	26D/S4
14BS-05	HM/Wood/Alum Frames	1-1/4" x 5-7/8"	Fail Locked	12V AC/DC	26D/S4
14BS-08	HM/Wood/Alum Frames	1-1/4" x 5-7/8"	Fail Locked	24V AC/DC	26D/S4
34BS-06	HM/Wood/Alum Frames	1-1/4" x 5-7/8"	Fail Unlocked	12V DC	26D/S4
34BS-09	HM/Wood/Alum Frames	1-1/4" x 5-7/8"	Fail Unlocked	24V DC	26D/S4

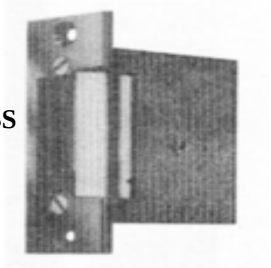
15BS for Special Offset Latch Entry

MODEL	DESCRIPTION	DIMENSIONS	MODE	VOLTAGE	FINISH
14BS-01	HM/Wood/Alum Frames	1-1/4" x 5-7/8"	Fail Locked	11-16V AC	26D/S4
14BS-05	HM/Wood/Alum Frames	1-1/4" x 5-7/8"	Fail Locked	12V AC/DC	26D/S4
14BS-08	HM/Wood/Alum Frames	1-1/4" x 5-7/8"	Fail Locked	24V AC/DC	26D/S4

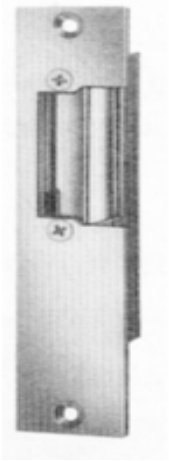
15CA for Centerline Latch Entry

MODEL	DESCRIPTION	DIMENSIONS	MODE	VOLTAGE	FINISH
15CA-01	HM/Wood/Alum Frames	1-1/4" x 5-7/8"	Fail Locked	11-16V AC	26D/S4
15CA-05	HM/Wood/Alum Frames	1-1/4" x 5-7/8"	Fail Locked	12V AC/DC	26D/S4
15CA-08	HM/Wood/Alum Frames	1-1/4" x 5-7/8"	Fail Locked	24V AC/DC	26D/S4

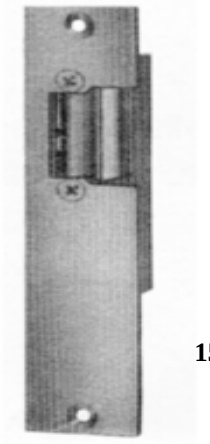
11BS



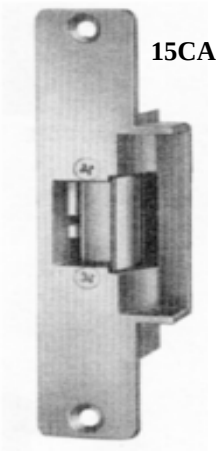
14BS/34BS



15BS



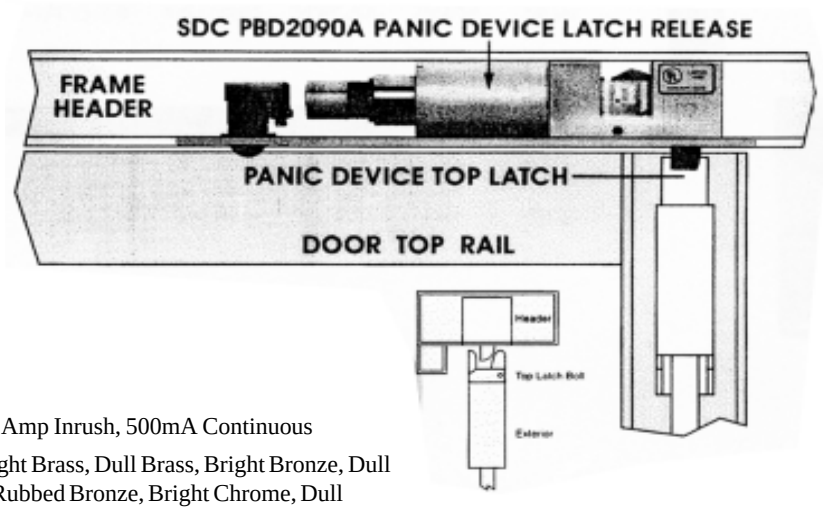
15CA



PBD2090A PANICLOK

Top latch release for Dor-O-Matic, Jackson and Kawneer® Vertical Rod Exit Devices

The PANICLOK permits access control and remote timer control of narrow stile glass doors equipped with Dor-O-Matic or Kawneer concealed vertical rod exit devices.



SPECIFICATIONS

- Handed (Specify LH or RH)
- Face Plate: 10" x 1-1/2" x .0125"
- Frame ID Requirements: 1-1/2" x 1-1/2"
- Bolt: Beveled Stainless Steel
- Voltage: 24V DC only
- Current: 3.8 Amp Inrush, 500mA Continuous
- Finishes: Bright Brass, Dull Brass, Bright Bronze, Dull Bronze, Oil Rubbed Bronze, Bright Chrome, Dull Chrome, Aluminum Anodized (standard), Dark Bronze Anodized, Black Anodized

SDC

SECURITRON



MORTISE UNLATCH

Motorized Electronic Strike

How It Works

A mortise lock incldues a latch and bead latch pin. When the lock is in the closed positino, the latch is extended (securing the door) and the dead latch pin is pushed in. This internally pins the latch so that the door can't be opened by sliding a plastic card in against the latch. The Mortise Unlatch operates the latch and dead latch pin as follows: In the secure condition, the latch is captured in a cavity against the latch plunger while the dead latch pin is pushed in by a flush finger plate. The lock is released in two quick steps. First the finger plate draws back which releases the dead latch pin and then the latch plunger and finger plate move forward together which releases the door. When the door is reclosed, the Mortise Unlatch automaically re-secures it including reestablishing full dead latch security.

SPECIFICATIONS

- Feild adjustable cavity
- **Size:** Standard ANSI 4-7/8" Strike
- **Dimensions:** 3-5/8" long, 1-7/8" wide, 1-1/4" Deep
- **Voltage:** 12V & 24V DC + 20% -10%. Full wave rectifited, DC acceptable
- **Current Draw:**
  (@ 12VDC) 40mA continuous, minimum 700mA when motor is operating
  (@ 24VDC) 40mA continuous, minimum 500mA when motor is operating
- Higher capacity supply (1-4 Amps) is recommended for start-up inrush to achieve best operation under pre-load.
- **Electric Motor:** No Solenoids
- **Operating Temperature Range:** -20 degrees F to 125 degrees F
- Stainless Steel face with Metal Enclosure
- Supplied with 10ft cable
- Operates North American mortise latches and does not support cylindrical or tubular latches

#MUNL-12 for 12VDC operation
#MUNL-24 for 24VDC operation

001 SERIES LIGHT COMMERCIAL



APPLICATION

For use in new or replacement installtions in wood and metal jambs. For use with locksets having up to 5/8" throw, based on 1/8" door gap.

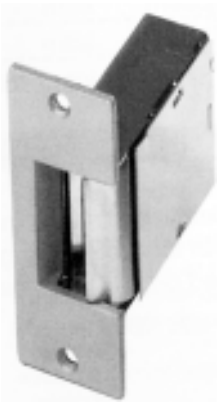
FEATURES

- Durabilty - 500,000 life cycle
- 1000lbs holding force
- Non-handed
- Heavy duty latch spring
- Fail Secure-Std Action (Unlocks with power)

SPECIFICATIONS

- Face plate 5-7/8" x 1-1/4"
- Mortise backset 1-9/16"
- Cavity Size: 1/2"d x 9/16"w x 1-1/2"h
- Available in Fail Safe on DC models
- Finishes: Brass powder coated and Satin Chrome

005 SERIES LIGHT COMMERCIAL



APPLICATION

For use in new or replacement installtions in wood and metal jambs. For use with locksets having up to 5/8" throw, based on 1/8" door gap.

FEATURES

- Durabilty - 500,000 life cycle
- 1000lbs holding force
- Non-handed
- Heavy duty latch spring
- Fail Secure-Std Action (Unlocks with power)

SPECIFICATIONS

- Face plate 3-1/2" x 1-3/8"
- Mortise backset 2-3/4"
- Cavity Size: 1/2"d x 9/16"w x 1-1/2"h
- Available in Fail Safe on DC models
- Finishes: Brass powder coated and Satin Chrome

VON DUPRIN®

5000 SERIES



APPLICATIONS:

Electric strike for use with bored locks and mortise locks (without deadbolts) having 1/2" throw latchbolt. Available with no faceplate, 4-7/8" and 6-7/8" faceplates; radius or square corners; for wood, aluminum or hollow metal frames.

FEATURES:

- Incorporates and internally mounted dual voltage solenoid for use with 12 & 24 VAC/VDC
- Built for long life; exceeds 750,000 cycle test
- Durable, die cast body for long life and corrosion resistance. The strike exceeds 1500 lb pull test
- Designed with fewer moving parts to minimize wear & maximize life
- 1/2" keeper depth
- Non-haned, reversible, plug connector included
- Non-Fail Safe (standard (Fail-Safe is optional)
- Optional Mounting tabs and Astragal
- Available in 12 or 24 Volt AC or DC
- Finishes: Satin Aluminum & Anodized Bronze

6100 SERIES

FEATURES

- All stainless steel construction
- For hollow metal, aluminum or wood frames
- Accepts 3/4" throw latchbolt
- Six Finishes
- 12V or 24V
- Fail Secure
- Horizontally adjustable and non-handed
- Plug Connectors

OPTIONS

- Fail Safe
- Dual Monitor Switches
- Entry Buzzer
- Electric Strike Blade Stop Shim

SPECIFICATIONS	12V / 24V
Resistant in Ohms +/- 10% @ 70 deg	21 / 72
Watt-seated @ 70 deg	7.5 / 8
Amps-seated @ 70 deg	.6 / .33
Amps-inrush @ 70 deg	.6 / .33



DESCRIPTIONS

#6111 - For use with rim exit devices on single doors or double doors with mullion applications (Replaces VD 3031)

#6112 - For use with rim exit devices on single doors applications (Replaces FA 310-4, minor frame prep required)

#6113 - For use with rim exit devices on single doors applications 1/2" stop or greater (Replaces VD 3011 and VD 3021)

#6114 - For use with rim night latches having up to 3/4" bolt throw. (Replaces FA 310-5)

#6121 - For use with rim exit devices on double doors with mullion applications (Replaces FA 310-4-100)

Blade Stop Shim - Use on cased opening or blade stop frame. 1/2" aluminum, not for fire door applications.

VON DUPRIN®

6200 SERIES

FEATURES

Same features as the 6100 Series. See Above.

OPTIONS

- Fail Safe
- Dual Monitor Switches
- Entry Buzzer

SPECIFICATIONS **12V / 24V**

Same as 6100 series. See Above.



DESCRIPTIONS

#6210 - For use with mortise locks without deadbolt on single door, hollow metal fram applications and using ANSI prep at standard height. Strike pocket inserts provided.

#6211 - For use with mortise locks without deadbolt or cylindrical locks on single door, hollow metal frame applications. (Replaces VD3140 or FA712)

#6211AL - For use with mortise locks without deadbolt or cylindrical locks on single door, hollow metal frame applications. (Replaces FA722). **WF**-Wood Frame (Replaces FA732)

#6212 - For use with mortise locks without deadbolt or cylindrical locks on single door, hollow metal or aluminum frame applicatoins. Fits modified ANSI 115.2 cutout. (Replaces VD3146). **WF**-Wood frame

#6213 - For use with mortise locks without deadbolt or cylindrical locks on single door, hollow metal or aluminum frame applications. Wood frames on retrofit applications only. (Replaces VD 3041, 3042, 3061, and 3062)

#6214 - For use with mortise locks without deadbolt or cylindrical locks on single door, hollow metal or aluminum frame applications. Wood frames on retrofit applications only. (Replaces FA 310-2-3/4)

#6215 - For use with mortise locks without deadbolt or cylindrical locks on single door, hollow metal or aluminum frame applications. Wood frames on retrofit applications only. (Replaces FA 310-2)

#6216 - For use with mortise locks with deadbolt, 1" throw, on single door, hollow metal, aluminum or wood frame applicaitons. Deadbolt must be manually operated (Replaces FA 310-3-1)

DESCRIPTIONS

#6221 - Open back strike for mortise locks without deadbolt or cylindrical locks on 1-3/4" thick double door (hm/al/wd) (Replaces VD3071 & 3072)

6222 - Open back strike for use with mortise locks without deadbolt or cylindrical locks on 1-3/4" thick double door (hm/al/wd) applications. (Replaces FA310-2-3/4 OB)

6225 - Open back strike for use with mortise locks without deadbolt or cylindrical locks on 1-3/4" thick double door (hm/al/wd) applications. (Replaces FA310-2 OB)

#6223 - Closed back strike for use with mortise locks without deadbolt or cylindrical locks on 1-3/4" or 2-1/4" thick double door (hm/al/wd) applications. (Replaces VD 3091 & VD 3092, mortise applications only - 4-3/4" min stile required)

#6224 - Closed back strike for use with mortise locks without deadbolt or cylindrical locks on 1-3/4" or 2-1/4" thick double door (hm/al/wd) applications(Replaces FA310-2-3/4)

#6224AL - Closed back strike for use with mortise locks without deadbolt or cylindrical locks on 1-3/4" or 2-1/4" thick double door (hm/al/wd) applications. (Replaces FA310-2RF)

#6226 - Closed back strike for use with mortise locks without deadbolt or cylindrical locks on 1-3/4" or 2-1/4" thick double door (hm/al/wd) applications. (Replaces FA310-2)

VON DUPRIN®

LOCKNETICS



505 SERIES POWER SUPPLIES

The 505 Series provides 1 amp of output current at 12 and 24 volts. Output voltage is field selectable by moveable jumpers. It is UL listed, filtered and regulated, with a built-in battery charging circuit.

Standby battery kits (SBP1 or SBP2) may also be added to the 505 series power supply at the factory or in the field. A key lock cover and power line cord are available as factory installed options.

ELECTRICAL

Input Power	110v AC 60 HZ 1/2 amp
Output Voltage	12vDC Nom. (13.8v DC); 24vDC Nom. (27.6v DC) Field Selectable; Filtered & Regulated
Output Current	1 amp @ rated voltage
Primary Fuse Size	800MA, 5 x 20MM
Battery Fuse Size	2A, 3AG
Secondary Protect	Output overload protected by the regulator circuit
Charging Circuit	Built-in standard

OPERATION

Output voltage is field selectable by movable jumpers. With line power applied, a green LED on the circuit board will be illuminated. When line power is present the built-in recharging circuit will keep the batteries charged.

MECHANICAL

Enclosure	12" x 12" x 4" Steel NEMA; Grade 1 with conduit knockouts & hinged cover with lock down screws
Color/Finish	Beige/baked enamel
Weight	8.0 lbs (Power Supply); 4.0 lbs (each Battery)
Input Terminals	Barrier strip with (3) #6 screw terminals and protective cover
Output Terminals	Barrier strip with (6) #6 screw terminals

LOCKNETICS



510 SERIES POWER SUPPLIES

The 510 Series Power supply offers the ultimate in versatility. Output voltage is field selectable with an on board switch: 3 amp @ 12VDC and 2 amp @ 24VDC. The 510 is UL Listed, filtered and regulated , with a built in battery charging circuit.

The 510 Series features modular electronics which offer flexibility, ease and convenience to power electronic locking systems. Plug-in dual control modules can be added for independent control of up to size zones. Each dual control module (DCM) can provide control for two independent zones. Up to three dual control modules can fit into a control module race (CMR). A plug-in adjustable relock time delay module (TDM) is available with a 0 to 30 second delay. It plugs into each zone of the dual control module to provide up to six TDM's in each power supply. An emergency interface relay (EIR) module plugs into the main circuit board to provide interface with approved fire or other emergency systems. A signal from the emergency system will automatically and instantly unlock all locks connected to the power supply. All of the modules can be easily configured in the factory or in the field. In some installations, it may be required by code that the locking device (fail-safe type) be immediately unlocked upon actuation of an approved fire emergency system.

ELECTRICAL

Input Power	110v AC 60 HZ 1 amp
Output Voltage	12vDC Nom. (13.8v DC); 24vDC Nom. (27.6v DC) Field Selectable; Filtered & Regulated
Output Current	3 amp max @ 13.8v DC 2 amp max @ 27.6v DC
Primary Fuse Size	1 A, 5 x 20 mm Slo-Blo
Battery Fuse Size	6A, 3AG
Secondary Protect	Output overload protected by the regulator circuit
Charging Circuit	Built-in standard

OPERATION

Output voltage is field selectable by slide switch. With line power applied, a green LED on the circuit board will be illuminated. This indicates constant power on output terminals. When batteries are included power may be present on output terminals with the green LED illuminated and no line power present. When line power is present the built-in recharging circuit will keep batteries charged.

MECHANICAL

Enclosure	12" x 12" x 4" Steel NEMA; Grade 1 with conduit knockouts & hinged cover with lock down screws
Color/Finish	Beige/baked enamel
Weight	11.0 lbs (Power Supply); 4.0 lbs (each Battery)
Input Terminals	Barrier strip with (2) #6 screw terminals and protective cover (1) #10 ground screw
Output Terminals	Barrier strip with (10) #6 screw terminals (basic unit only)

LOCKNETICS

TRANSFORMERS

591-24

Hard wired
24 volt AC Output
1.67 amp



592-12

Hard wired
24 volt AC Output
3.3 amp max.



592-12RC

Hard wired
12 volt DC Output
3.3 amp max.





592-24

Hard wired
24 volt AC Output
1.67 amp max.



592-24RC

Hard wired
24 volt DC Output
1.67 amp





593PI-24DC

Plug-In
24 volt DC Output
0.5 amp

UL LISTED



593PI-12DC

Plug-In
12 volt DC Output
1 amp

UL LISTED



593PI-24

Plug-In
24 volt AC Output
1 amp

UL LISTED

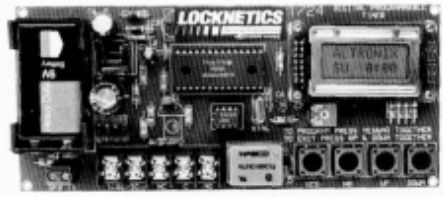


LOCKNETICS

TIMERS & TIME DELAYS

6200 Automatic Time Clock

6200 Sttand alone
(can be installind in 505/510 series)



The 6200 series provides a 24 hr, digital seven day multiple event timer. It features 12 to 24 volt AC or DC operation with on board battery backup provision. The program retains memory during power failure.

SPECIFICATIONS

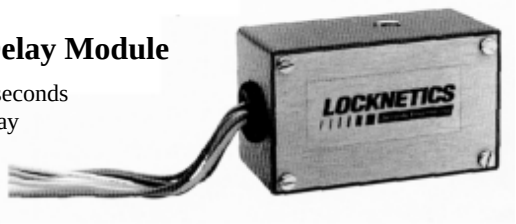
Form "C" 10 amp 120VAC relay contacts. EE Prom memory protects against loss of programmeing due to power failure. Crystal controlled " real time: clock with battery backup. Can be programmed for up to 140 events. Board dimensions: 6.75"L x 3.00"W x 1.00"H

APPLICATIONS

Automatic arming/disarming of security systems, ocking unlocking doors, ringing school bells, automatic test signal for alarm transmitters etc.

5300 Time Delay Module

Relock - 0 to 120 seconds
electronic time delay
12-24V AC-DC



5400 Intercom Interface Module

Provides SPDT dry contacts with
12-24V AC-DC
Input voltage



10 SERIES POWER SUPPLIES



#10-175UL

1.75 amps
For one or two doors
15.5"H x 12"W x 3.5"D

FEATURES

- UL Listed for access control
- Fire alarm interface module*
- Fire alarm reset switch and AC power indicator accessible on front cover
- Automatic reset circuit protection
- 1.75 amp continuous supply current at 12 or 24 VDC, field selectable
- Filtered, eletronically regulated output
- Built-in battery charger (batteries opetional)
- Includes power supply, enclosure, cam lock and transformer

#10-250UL

2.5 amps
For Multiple Doors
15.5"H x 12"W x 4.5"D



#10-400UL

4 amps @ 12VDC, 3 amps @ 24VDC
For Multiple Doors
15.5"H x 12"W x 4.5"D



#10-600UL

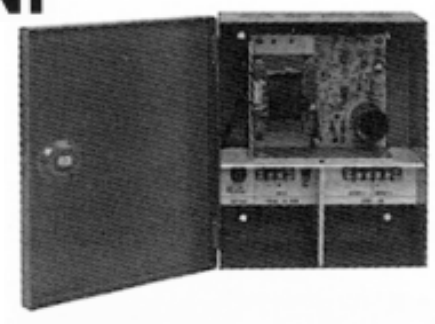
6 amps
For Multiple Doors
15.5"H x 12"W x 4.5"D



FEATURES

- Field-selectable 12 or 24 VDC output
- Class 2 power-limited output (models 10-250UL and 10-400UL)
- Filtered, electronically regulated output
- Built-in battery charger (batteries optional)
- Optional fire alarm interface module
- Includes power supply, enclosure, cam lock, transformer and battery leads
- UL listed for burglary (models 10-250UL and 10-400UL)
- Auto switchover to standby battery when AC fails.

SARGENT

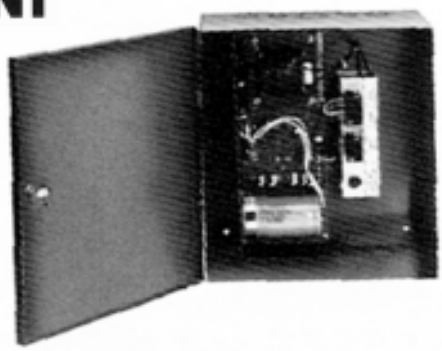


3510 POWER SUPPLY

FEATURES

- 24 VDC, 1.8 amp regulated and filterd power supply
- UL Listed for Class II applications
- Approximate size: 8-1/8"W x 10-1/8"H x 4-1/8"D

SARGENT



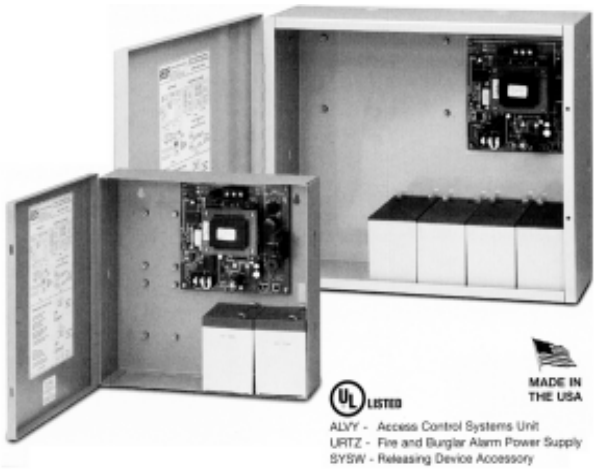
3560 POWER SUPPLY

FEATURES

- 24 VDC, 7.2 amp regulated and filtered power supply
- Operable units vary bsed on wire runs, wire gage and devices being used
- Approximate size: 16"W x 12"H x 6"D
- UL Listed

SDC

631RF
1.5 AMP POWER SUPPLY



The SDC 631RF Power Supplies have been developed specifically to support electric locks and access controls. The high performance, heavy-duty circuitry is ideal for inductive loads and multi-door applications. The modular design is built arround several different application control modules to meet your specific needs for virtually any electric lock system.

FEATURES

Filtered and Regulated
- The output filtering stabilizes the DC output voltage and eliminates AC line noise. The solid state regulartor maintains the selected output voltage at 12VDC or 24VDC regardless of the output load changes, including battery charging.
- The AC input is protected by a fuse and secondary DC output is protected by auto resetting poly fuse.

250 mA Battery Charger Output
- A separate PTC protected, battery charger output provides250 mA @ 13.5 VDC or 27VDC, PTC protected

Low Battery Disconnect
- Batteries are automatically disconnected from the secondary output circuit when the voltage decreases below 70%. This ensures batteries are capable of recharging.

LED System Status Indicator
- Amber - AC and DC voltages are OK
- Green - No DC output
- Red - No AC input, powered by batteries

SPECIFICATIONS

Electrical Input:
115VAC @ 800 mA, 50/60 Hz, Fused
(220/230VAC 50/60 Hz optional, not UL Listed)

RF Dimensions:
11.25"W x 11.25"H x 3.5"D; 20 Ga. Steel

RFA Dimensions:
16"W x 14"H x 6.5"D; 16 Ga. Steel



SERIES PS873 POWER SUPPLIES

The series PS873 power supply is designed to operate a wide variety of electrical products including EL (electric latch retraction) exit devices. The regulated output power is field selectable for either 24VDC @ 2 ampere or 12VDC @ 4 ampere. Standard input 120VAC @ 1.0 ampere or 240VAC @ 0.5 ampere available.

Enclosure is 10"H x 12-1/2"W x 5" D, gray with a hinged cover and constructed of heavy 19 gauge steel. Five ½" x ¾" knock-out holes are provided for conduit connection. Terminal block will accept up to 14 gauge wire.

The PS873 can be ordered with three standard options: Key Lock secures the cover to eliminate tampering and provides safety; Battery backup provides two hours backup power at full load during a AC power failure; Fire Alarm provides input for a normally closed fire alarm contact. When the fire alarm contact is "open", power to locks or other component is removed. Restoring power is field selectable for automatic or manual.

Eight Standard Configurations:

PS873	Standard
PS873K	with Key Lock
PS873B	with Battery
PS873BK	with Battery & Key Lock
PS873FA	with Fire Alarm
PS873K-FA	with Key Lock & Fire Alarm
PS873B-FA	with Battery & Fire Alarm
PS873BK-FA	with Battery, Key Lock & Fire Alarm

The series PS873 is available with several optional circuit cards to provide system flexibility. The power supply will accept one or a combination of any two cards.

FACTORY OR FIELD INSTALLED CIRCUIT CARDS

871-2, Two Zone controller provides two inputs and two outputs. Use suffix "x2" for factory installed. Will operate two EL exit devices.

873-AL, Alarm function monitors 1 or 2 zones and provides alarm output, upon detecting a door in the open position. Delayed alarming is selectable from 5 to 75 seconds. Use suffix "xAL" for factory installed.

873-AO, Auto Operator function coordinates the release of one or two locks and signals an auto-operator to open a door. Signaling the auto operator can be performed in two methods; by receiving a signal from a monitoring switch that the lock is unlatched, or upon expiration of a time delay triggered by a "RX" type input switch. Use suffix "xAO" for factory installed.

873-SI, Security/Safety Interlock provide interlock function for two zones. When combined with a second 873-SI card, the interlocking of groups are available in two, three or four zones. Safety interlock is available, consult factory for additional information. Use suffix "xSI" for factory installed.

873-2TD-F, Two Zone controller with Time Delay and Fire Alarm combines two zone controller, field selectable time delay from 0 to 75 seconds, in intervals of 5 seconds, and a fire alarm input which can be field selected for automatic or manual reset. Use suffix "x2TD-F" for factory installed.

873-AC, Access Control provides supervision of one zone using an electromagnetic lock. Input signals required are: access control contact, motion detector contact, and motion detector override contact. FA, Fire Alarm option is required. Use Suffix "xAC".

FACTORY INSTALLED ONLY CIRCUIT CARDS:

873-DE, Delayed Egress function ideal for use with electromagnetic locks, will operate two zones simultaneously. To operate two separate zones, a second 873-DE card is required. UL Listed component, when used as part of a Von Duprin delayed egress system. Use suffix "xDE".

NOTES

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WIRE CHART

To determine the correct wire gauge to use on "one circuit" the following information is required:

1. The quantity, voltage and current draw of all lock(s) to be used.
2. The distance in feet from the power supply to the furthest lock.

Add together the current draw (amps) of all locks on the same circuit. Cross reference the total amps with the distance between the power supply and the farthest lock to determine the wire gauge required.

"One circuit" implies that two wires are being run from the power supply to one or more locks in parallel. The last lock on the pair of wires should not exceed the maximum distance number shown on the chart for that gauge of wire and total current draw in Amps. If the wire gauge size or maximum distance is inadequate for your application, divide the quantity of locks on that circuit to create two or more separate circuits and use the chart to figure each new circuit independently. This will increase the total number of wires being run but it will allow for a smaller gauge of wire to be used and it will increase the maximum distance from the power supply to the furthest lock on that circuit even though the same power supply is being used. The chart shows the maximum distance allowable for a 5% voltage drop from the power supply to the furthest lock on the one circuit.

All wiring must be installed in accordance with all state and local code.

Minimum Wire Gauge for 12 volts AC or DC:

	DISTANCE IN FEED FROM POWER SOURCE TO FARTHEST LOCKING DEVICE										
AMPS	**25**	**50**	**75**	**100**	**150**	**200**	**250**	**300**	**400**	**500**	**1000**
0.25	18	18	18	18	18	18	16	16	14	14	
0.50	18	18	18	18	16	14	14				
0.75	18	18	18	16	14	14					
1.00	18	18	16	14	14						
1.50	18	18	16	14							
2.00	18	16	14	14							
2.50	18	14	14	14							
3.00	16	14	14	12							
3.50	16	14	12	12							
4.00	14	12	12	12							
5.00	14	12	12								
6.00	12	12									

Minimum Wire Gauge for 24 volts AC or DC:

	DISTANCE IN FEED FROM POWER SOURCE TO FARTHEST LOCKING DEVICE										
AMPS	**25**	**50**	**75**	**100**	**150**	**200**	**250**	**300**	**400**	**500**	**1000**
0.25	18	18	18	18	18	18	18	18	18	16	16
0.50	18	18	18	18	18	18	18	16	16	14	
0.75	18	18	18	18	18	16	16	14	14		
1.00	18	18	18	18	16	16	14	14			
1.50	18	18	18	16	16	14					
2.00	18	18	16	16	14						
2.50	18	18	16	14	14						
3.00	18	16	14	14	14						
3.50	18	16	14	14	12						
4.00	16	16	14	12	12						
5.00	16	14	14	12							
6.00	14	14	12	12							

Ohms Law

TO DETERMINE AN UNKNOWN VOLTAGE: E = I R

E = VOLTS
I = CURRENT
R = RESISTANCE

EXAMPLE: .25 AMPS (I) x 96 OHMS (R) = 24 VOLTS (E)

TO DETERMINE AN UNKNOWN CURRENT: I = P / E

E = VOLTS
I = CURRENT (AMPS)
R = RESISTANCE (WATTS)

EXAMPLE: 6 WATTS (P) / 24 VOLTS (E) = .25 AMPS (I)

TO DETERMINE AN UNKNOWN CURRENT: I = E / R

E = VOLTS
I = CURRENT (AMPS)
R = RESISTANCE (OHMS)

EXAMPLE: 24 VOLTS (E) / 96 OHMS (R) = .25 AMPS (I)

TO DETERMINE AN UNKNOWN WATTAGE: P = E I

E = VOLTS
I = CURRENT (AMPS)
R = RESISTANCE (WATTS)

EXAMPLE: 24 VOLTS (E) x .25 AMPS (I) = 6 WATTS (P)

TO DETERMINE AN UNKNOWN RESISTANCE: R = E / I

E = VOLTS
I = CURRENT (AMPS)
R = RESISTANCE (OHMS)

EXAMPLE: 24 VOLTS (E) / .25 AMPS (I) = 96 OHMS (R)

HINGES

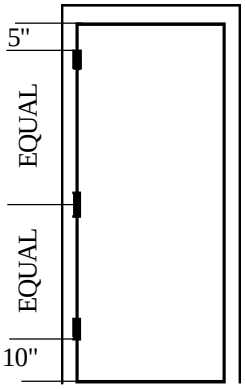
SELECTION OF PROPER HINGES DETERMINING FACTORS:

- Material and size
- Size, thickness and weight of door with all hardware accessories
- Clearance required
- Location (exterior, interior)
- Frequency of use
- Exposure to sea air, dust, corrosive atmosphere, etc.
- Special applications or uses (ie. hospitals, schools, prisons)
- Door accessories (overhead holders, closers, stops, kickplates, etc.) which affect hinge performance
- Hinge edge of door (beveled or square)

HINGE REQUIREMENTS PER DOOR

Use 3 hinges up to and including doors no greater than 86" in height. Add one hinge for each additional 30 or less inches.

Door Height	# of Hinges
Up to 5'0"	2
7'6"	3
9'6"	4
11'6"	5
14'0"	6

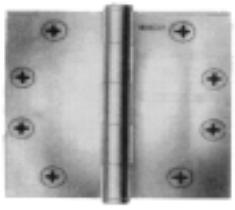


- Top hinge is 5" from frame rabbet to top of barrel.
- Bottom hinge is 10" from bottom edge of barrel to finished door.
- The third hinge is centered between top and bottom hinges.

HINGE SELECTION GUIDE

Weight (in lbs)	Useage	1-3/8"Door Thickness	1-3/4" Door Thickness	2" Door Thickness
Up to 50	Low	#741 (3-1/2" x 3-1/2")	#741 (4" x 4")	
	Med	#741 (3-1/2" x 3-1/2")		
	High	#1279 (4" x 4")		
51 to 75	Low	#741 (4" x 4")	#1279 (4" x 4")	#1279 (4-1/2" x 4-1/2")
	Med	#BB1279 (3-1/2" x 3-1/2")	#BB1279 (4" x 4")	#BB1279 (3-1/2" x 3-1/2")
	High	#BB1279 (4" x 4")	#BB1279 (4-1/2" x 4-1/2")	#BB1279 (4-1/2" x 4-1/2")
76 to 125	Low	#1279 (4-1/2" x 4")	#1279 (4-1/2" x 4-1/2")	#1279 (5" x 5")
	Med	#BB1279 (4-1/2" x 4")	#BB1279 (4-1/2" x 4-1/2")	#BB1279 (4-1/2" x 4-1/2")
	High	#BB1279 (5" x 4-1/2")	#BB1168 (4-1/2" x 4-1/2")	#BB1168 (4-1/2" x 4-1/2")
126 to 175	Low	#1279 (4-1/2" x 4")	#1279 (4-1/2" x 4-1/2")	#1279 (5" x 5")
	Med	#BB1279 (4-1/2" x 4")	#BB1279 (4-1/2" x 4-1/2")	#BB1279 (5" x 5")
	High	#BB1279 (4-1/2" x 4-1/2")	#BB1168 (4-1/2" x 4-1/2")	#BB1168 (5" x 5")
176 to 225	Low		#1279 (5" x 5")	#1279 (5" x 5")
	Med		#BB1168 (4-1/2" x 4-1/2")	#BB1168 (4-1/2" x 4-1/2")
	High		#BB1168 (5" x 5")	#BB1168 (5" x 5")
226 to 300	Low		#BB1168 (4-1/2" x 4-1/2")	#BB1168 (4-1/2" x 4-1/2")
	Med		#BB1168 (5" x 5")	#BB1168 (5" x 5")
	High		#BB1168 (6" x 5")	#BB1168 (6" x 5")
301 to 600	Low		#BB1168 (5" x 5")	#BB1168 (5" x 5")
	Med		#BB1168 (6" x 5")	#BB1168 (6" x 5")
	High		#601 (8" x 6")	#601 (8" x 8")
601 to 1,000	Low		#601 (8" x 6")	#601 (8" x 8")
	Med		#BB855	#BB852
	High		#BB852	#BB852
1,000 to 2,000	ALL		#BB852	#BB852

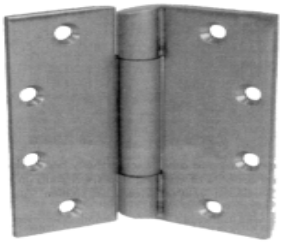
STANDARD WEIGHT PLAIN 5 KNUCKLE HINGE



- For interior, medium weight low-frequency doors
- Plain bearing
- **#1279** - Steel based
- **#1191** - Brass, bronze or stainless steel based
- Five knuckles
- Prepped for use on either wood or metal doors and frames
- Non-rising hinge pins

Size	Finishes
3-1/2" x 3-1/2"	3, 26, 26D
4" x 4"	3, 10, 10A, 26, 26D
4-1/2" x 4-1/2"	3, 4, 10, 10A, 26, 26D, P, F8
4-1/2" x 4-1/2" NRP	3, 10, 26, P
5" x 4-1/2"	26D
5" x 5"	26D

HIGH SECURITY PRISON HINGES



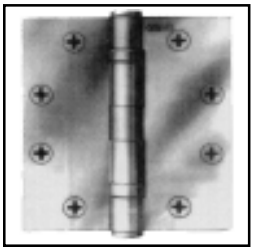
IHTAB 750

- Welded hospital tips
- Non-removable pin
- Supplied with machine screws. Can be ordered with torx or spanner head security screws
- Shear resistant studs available
- **IHTAB850** - Heavy weight stainless steel
- Special order. Call our knowledgeable staff for availablity and price.

STANDARD OR HEAVY WEIGHT 5 KNUCKLE HINGE BALL BEARING TYPE

#BB1168 MORTISE HINGE

- For interior, heavy doors with a high frequency of use
- Ball bearings
- Five knuckles
- For use on either wood or hollow metal doors and frames
- Non-rising hinge pins
- Finishes: 10, 10A, 26, 26D, P (not all finishes available with all sizes--ask for availablities when ordering)



#BB1191 MORTISE HINGE

- Stainless steel or brass
- For medium weight doors with an average frequency of use
- Ball bearings
- Five knuckles
- Non-rising hinge pins
- Finishes: 3, 10, 10B, 26D, 32D (not all finishes available with all sizes--ask for availablities when ordering)

#BB1279 MORTISE HINGE

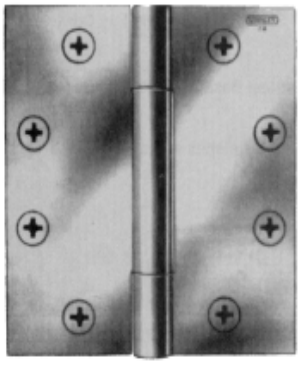
- For medium weight doors with average frequency
- Ball bearings
- Five knuckles
- For use on either wood or hollow metal doors and frames
- Non-rising hinge pins
- Steel based
- Finishes: 3, 4, 10, 10A, 26, 26D, P, F8 (not all finishes available with all sizes--ask for availablities when ordering)

#BB1199 MORTISE HINGE

- For exterior, heavy doors with a high frequency of use
- Ball bearings
- Five knuckles
- For use on either wood or hollow metal doors and frames
- Stainless steel, brass or bronze-based for rust protection
- Finishes: 3, 10, 10B, 26D, 32D (not all finishes available with all sizes--ask for availablities when ordering)

THREE KNUCKLE HINGES CONCEALED TRI-CON

AB1900 MORTISE HINGE



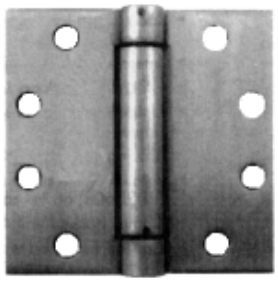
- For doors of residences, apartment houses and other medium weight doors receiving low frequency service
- "AB" - Concealed Tri-Con bearings
- Slimmer barrel than five knuckle hinges
- Steel based
- Three knuckles. Stainless steel pin
- Prepped for use on either wood ro metal doors and frames
- Non-rising hinge pins
- Finishes: 3, 10, 10A, 26D, P

Other Styles

- Call our helpfull staff members for available sizes and finishes
- **AB750** - Heavy weight steel based
- **AB800** - Standard weight, stainless steel, brass or bronze hinge for rust protection
- **AB850** - Heavy weight stainless steel, brass or bronze hinges for rust protection
- Concealed Tri-Con hinges are guaranteed for the life of the building

HINGES

MORTISE SPRING HINGES



#1250

- For use on corridors, entrances and stairways
- Internal ratchet eliminates loose pins
- UL Listed for doors up to 4'0" x 8'0"
- Adjustable closing power
- 3 knuckle
- Supplied with all wood & machine screws
- Finishes: 3, 4, 10, 10A, 26D, P
- RADIUS CORNERS Available--call for lead times, pricing and available finishes on these special order items.

SWING CLEAR HINGES



#BB1260 FULL MORTISE

- Designed to swing doors completely clear of the opening when door is opened 95 degrees
- Standard weight
- Two ball bearings; 5 Knuckle
- Non-rising removable pin
- Reversible plug
- Button tips
- ADA approved. ANSI A8122
- Specify screw requirements
- For hospital type add prefix "HT" to catalog number



#BB1264 HALF MORTISE

- For use on channel iron or pressed steel jambs
- Heavy weight
- Four ball bearings; 5 Knuckle
- Non-rising removable pin
- Reversible plug
- Button tips
- ADA approved. ANSI 8221
- Specify screw requirements
- For hospital type add prefix "HT" to catalog number



#BB1266 FULL SURFACE

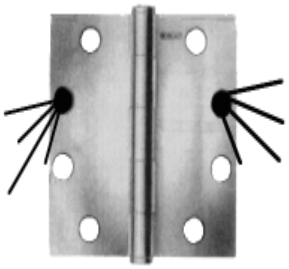
- For use on channel iron or pressed steel jambs
- Heavy weight
- Four ball bearings; 5 Knuckle
- Non-rising removable, stainless steel pin
- Beveled surface leaves
- Reversible plug
- Button tips
- ADA approved ANSI A8321
- Specify screw requirements
- For hospital type add prefix "HT" to catalog number



#BB1270 HALF SURFACE

- For use on pressed steel jambs
- Heavy weight
- Four ball bearings; 5 Knuckle
- Non-rising removable pin
- Beveled surface leaves
- Reversible plug
- Button tips
- ADA approved ANSI A8421
- Specify screw requirements
- For hospital type add prefix "HT" to catalog number

ELECTRICAL HINGES



- "**ETW**" - Used to conduct power to electric locks, panic bolts, or hold-open devices where tamper proof hinge is required. Also used to transmit signals from code readers on doors to remote computers for access control. Conducts current regardless of door position. There are no electrical parts exposed when hinge is installed.

- "**EMN**" - Used to activate alarms, monitoring devices or other sophisticated high security equipment where tamper proof hinge is required. Switch operates when door is either opened or closed. There are no electrical parts exposed when hinge is installed.

- Hinges: BB1279, BB1168, BB1191, 1279, 1191
- Number of wires: #54 = 4 wires; #56 = 6 wires; #58 = 8 wires
- Handing: Specify LH or RH
- Sizes: 4-1/2" x 4"; 4-1/2" x 4-1/2"; 5" x 4-1/2"; 5" x 5"
- Available in most architectural finishes
- Special order. Call for availability.

HINGE DOCTOR



THE HINGE DOCTOR

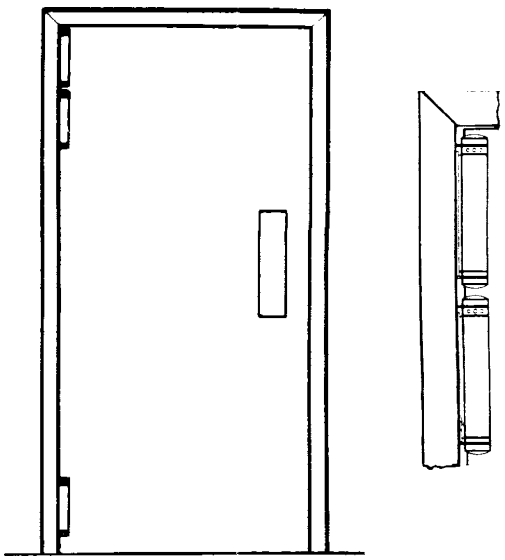
These tools are designed to repair those sagging metal doors. All you do to fix it is to slip the tool tover the door hinge and open the door. open the door oly an inch or two past the point of where it binds against the tool, then remove the tool from the hinge.

SPRING HINGES

Spring Hinge Selection Guide

Item #	Size	2 Hinges per Door		3 Hinges per Door		Door Ht
		Lbs	W	Lbs	W	
1001	3"	35	2'0"	40	2'8"	5'0"
	4"	60	2'4"	75	3'0"	6'8"
	5"	65	2'8"	90	3'0"	6'8"
	6"	72	2'8"	105	3'0"	7'0"
	6" x 4-1/2"	72	2'8"	105	3'0"	7'0"
HS1001	3", 4"	35	2'0"	40	2'8"	5'0"
1502	4" x 4"	*	*	125	3'0"	7'0"
	4-1/2" x 4"	*	*	150	3'0"	7'0"
	4-1/2" x 4-1/2"	*	*	150	3'0"	7'0"
1512	4-1/2" x 4"	*	*	70	3'0"	7'0"
	4-1/2" x 4-1/2"	*	*	70	3'0"	7'0"
1522	4-1/2" x 4"	*	*	115	3'0"	7'0"
	4-1/2" x 4-1/2"	*	*	115	3'0"	7'0"
1572	4-1/2"	---	---	150	3'0"	7'0"
9001	8"	100	3'6"	140	4'0"	7'0"
19001	8"	100	3'6"	140	4'0"	7'0"

Spring Hinge Installation Guide



It is advisable to use three hinges on a door. The center hinge should be installed as close as possible to the top hinge for maximum support.

#1001
STEEL FULL MORTISE DOUBLE ACTING SPRING BUTT-HINGE

- Sizes: 3", 4", 5", & 6"
- Non-template
- For wood doors not weighted with plate glass or heavy hardware. (NOTE: for stock hollow metal doors use 6" x 4-1/2" #1001)
- Springs are made of high grade tempered steel
- Hinges are either furnished painted or in finely plated finishes
- This hinge is designed to be applied directly to the jamb without the use of hanging strip. Door flange requires a shallow mortise.
- All machine screws and half wood screws



#1001



#9001

#9001
STEEL FULL MORTISE DOUBLE ACTING SPRING BUTT-HINGE

- Sizes: 8"
- Non-template
- For wood or metal doors of heavy construction. (NOTE: for stock hollow metal doors use 6" x 4-1/2" #1001)
- Springs are made of high grade tempered steel
- Hinges are either furnished painted or in finely plated finishes
- This hinge is designed to be applied directly to the jamb without the use of hanging strip. Door flange requires a deeper mortise then the #1001.
- All machine screws and half wood screws

SPRING HINGES



#1001 SERIES FULL MORTISE 6" x 4-1/2" STEEL

- For use on stock hollow metal or wood doors that are 1-3/4" thick
- Springs are made of high grade tempered steel
- Hinges are either furnished painted or in finely plated finishes
- Door flange 4-1/2" designed to fit standard 4-1/2" x 4-1/2" template butt mortise. Jamb flange is surface applied to jamb.
- All machine screws and half wood screws

Door Width	Max Door Wgt 2 ea	Max Door Wgt 3 ea	Lockside Clearance Flat Edge	Lockside Clearance Round Edge
2'0"	96#	145#	1/4"	1/4"
2'2"	89#	135#	3/16"	3/16"
2'6"	77#	125#	3/16"	3/16"
2'8"	72#	115#	1/8"	1/8"
3'0"	64#	105#	1/8"	1/8"

Above listed weights include a considerable margin of safety. Minimum clearance required on edge of door and frame on lock side. Hinge side clearance - allow 1/4" per door because of jamb flange and hinge body is not mortised.



#9001 SERIES 8" CLAMP--FLANGE SPRING HINGE

- This hinge has been designed for use on trucking doorways
- Spings are made of high grade tempered steel. Channels are spot welded and riveted to flange for additional strength
- Hinges are furnished in either painted or finely plated finishes
- The clamp flange is attached to the door surface with through bolts for greater security of fastenings. If doors are extra heavy it is better to use three (3) hinges to a door. Place third hinge as near the top hinge as conditions of application will permit.
- Packed with Hex Head through bolts, nuts and all wood screws, unless otherwise specified.
- **Always** state exact thickness of door. Clamp Flange is not adjsutable.
- 8" door flange
- Door thickness: 1-1/2" to 1-3/4"
- Width of door stile not less than 3-1/2"



#HS1001 STEEL DOUBLE ACTING HALF SURFACE BUTT-HINGE

- Suitable for thin plywood doors or gates where screws will not hold in edge of door. On wide doors use three hinges
- Springs are made of high grade tempered steel
- Hinges are either furnished painted or in finely plated finishes (call for availablity)
- One flange is applied to the surface of the door and the other to the surface of the jamb without hanging strips.
- All wood screws unless otherwise specified.
- Sizes:
  3"flange - 3/4" to 1" door thickness
  4" flange - 7/8" to 1-1/4" door thickness

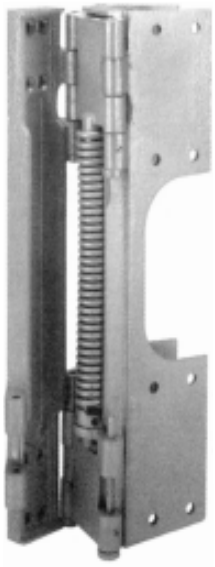


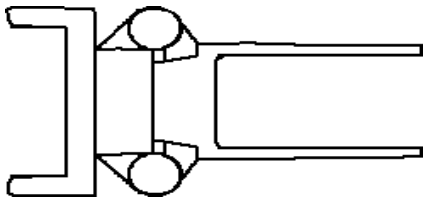
#450 SERIES HEAVY DUTY, ADJUSTABLE TENSION DOOR SPRING

- Economical solution for closing doors
- Coil spings are made of high grade steel wire and tension is adjustable without use of special tools.
- This is a new design with wrought steel brackets to prevent breakage
- Screws are furnished with door springs, Furnished in 1D.
- Sizes:
  #451 -- 9" OAL
  #452 -- 11" OAL
  #453 -- 13" OAL

HEAVY DUTY SPRING BUTT-HINGE

DOUBLE ACTING





- Hinge Size: A
- Max. Door Thickness: 1-3/4"
- B = 1-3/4"
- C = 13/16"
- D = 29/32"
- E = 3-27/32"
- F = 2-9/16"
- G = 15-3/4"

# of Hinges	Max Width	Height	Max lbs
2	3'	8'-9'	265
3	4'	8'-9'	320

- For use on high frequency and/or heavy wood or trucking doorways in Post Offices, warehouses and other buildings where heavy traffic is experienced. This hinge, due to its heavy construction, is particularly useful in preventing door oscillations in extreme and variable draft conditions.
- Heavy cast malleable iron with two axises which permits opening the door 180°. The hinge pins are securely held in place by a set screw. Spring is protected from damage inside all cast malleable construction.
- Hinges are generally furnished in painted or zinc finishes
- The application is simplified and more secure by fastening the jamb flange directly to the jamb without a hanging strip. Mortise the door flange into the door to depth **D** and fill the space between the door and jamb with a filler strip of thickness **C**. If desired, the jamb flange may be applied to the surface of the jamb with a mortise in the door sufficient to receive the thickness of both flanges. This application eliminates a filler strip and is used frequently on channel iron frames. Prepare mortise of 1-7/8".
- When estimating the weight of doors be sure to include (with the exception of hinges) all hardware, metal plates and buffers. For hollow metal door or wood doors over 3 feet wide with heavy metal plates, we recommend three hinges for each door to avoid possible sagging. The third hinge should be placed near the top hinge, but allow space for pin removal. The use of Hi-Duty Spring Steel Buffers will in most installations protect the door without use of heavy metal plates. This will reduce the weight of the door and load on the hinges.

HEAVY DUTY SPRING STEEL BUFFERS

35 SPRING STEEL



- Trucking doorway where violent use is involved to prevent door and hinges from being damaged.
- This buffer is constructed of 8" wide spring steel band, strong enough to resist heavy shock.
- Buffers are painted prime, aluminum paint or zinc plated.
- 4 buffers and keepers per set.
- Suitable where there are two doors to a doorway and hung double acting. This size buffer is suitable for any width of door and applicable to any height. If truck bumpers are various heights, apply two or three buffers, one above the other. Buffer should be applied backset from edge of door 1 inch.
- Specify thickness of door, to indicate length of fastening bolts required, and whether or not application is for one side of door only. A template drawing will be supplied on request.

CONTINUOUS GEAR HINGES

CHOOSING THE CORRECT ROTON HINGE

In general, the life of any hinge is measured by wear, which is related to the product of the door weight multiplied by number of cycles of operation. A 100 lb. door operated at 1,000,000 cycles per year would be subjected to about the same wear as a 400 lb. door during 250,000 cycles, assuming that the cycling speed, impact forces and door weight do no exceed the boundaries of operation for which the hinge is designed.

Consideration should be given to the design of the door itself, selecting, where possible, an appropriately high strength-to-weight ratio, low inertia door construction for ease of operation, high performance and safety.

ROTON builds hinges in a number of basic application ranges: Check with our knowledgeable staff members for stock and special order availability.

ROTON 500 Series (not shown). Used in windows and in industrial, electronic, transportation and marine applications. They are also specified for millwork to compliment full size door openings. Stock and custom 500 series products, prices, lengths, finishes and detailing are quoted from the factory.

ROTON 1500 Series (not shown) Available on a special order basis for selected applications in moving walls, elephant doors, radiation barriers and security work. They are over twice the size and scale of 780 Series hinges and are made available as an economical solution to extreme conditions of door weight. All applications for 1500 Series products are quoted from the factory.

#750 SERIES

- Thrust bearings spaced along hinge length on 10-1/4" centers
- 83" with 8 bearings
- For use at moderate frequencies with interior solid core wood door up to 100lbs, or in low frequencies up to 150lbs.
- Ideal for commercial interior applications, classroom doors, etc.
- Not intended for hollow metal openings or exterior entranceways, except in private residential applications.

#780 SERIES

- Thrust bearings spaced along hinge length on 5-1/8" centers
- 83" with 16 bearings
- The joining channel (which carries the lateral load), the bearing spacings and screw fastner locations are desinged fo much heavier loads than hinges in the 750 Series
- For use with door up to 200 lbs
- For any hollow metal work, moderate frequency entrances or high frequency solid cor or laminate doors, etc.

#780 HEAVY DUTY SERIES

- Thrust bearings spaced along hinge length on 2-9/16" centers
- 83" with 32 bearings
- Supplied with staggered screw holes to suit heavy-duty applications or high cycling conditions such as high traffic entranceways, public lavatories, etc.
- Suffixed HD for Heavy Duty

#780 "LL" SERIES

- Thrust bearings spaced along hinge length on 2-9/16" centers
- 83" with 32 bearings
- Screw holes are closely placed in a double row on each leaf for very heavy door applications such as lead-lined X-ray doors, sound studio doors and heavy security doors up to 1000 lbs.
- Suffixed "LL" for Lead Lined



#780 FIRE-RATED SERIES

Models: 780-112, 780-112HD, 780-112LL, 780-224, 780-224HD, 780-224LL have Warnock Hersey listing for the appoved use in the following applications:

20 MIN: Fire Rated wood ro steel doors and steel fram mounted in drywall

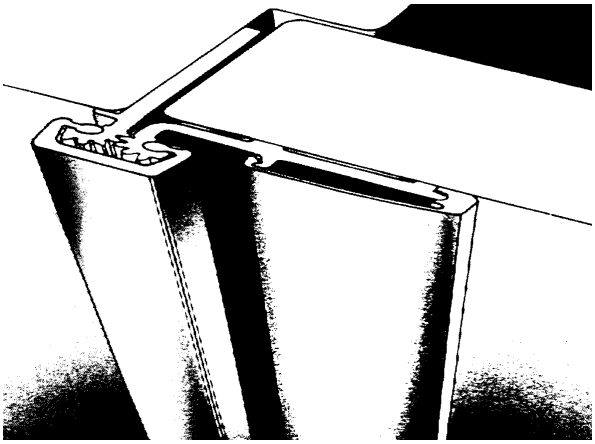
45 MIN: Fire Rated wood or steel doors and steel fram mounted in masonry wall.

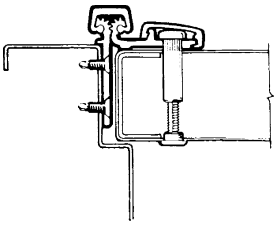
90 MIN: Fire rated steel doors and steel frame mounted in masonry wall (Door hinge edge and frame must be minimum 16 gauge steel)

3 HR: Fire rated for fire containment in corridors and stairwells in schools, universities and hospitals.

CONTINUOUS GEAR HINGES

780-053
780-053 HD



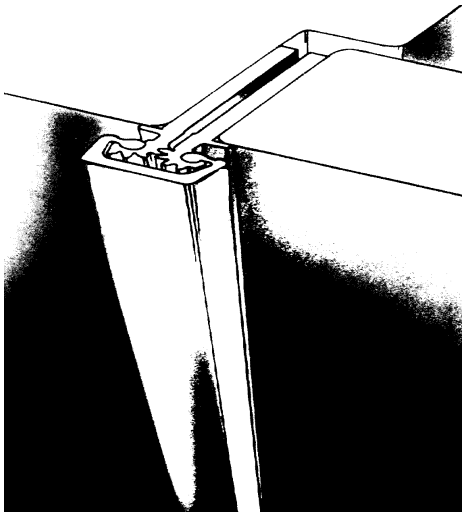


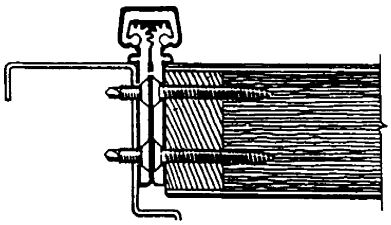
SPECIFICATIONS

- **Door Type:** Any material.
- **Clearance:** 5/32" frame leaf thickness (1/8" minimum) plus standard lock-side clearance.
- **Fasteners:** Thread Forming x Thru Bolts.
- **Finish options:** All
- **Length Options:** Standard and Custom.
- **Door Reinforcement:** None.
- **Frame Reinforcement:** None to 200 lbs. Use 16 guage channel at higher weights.
- **Special Features:** Frame leaf alignment rib for proper hinge location. Security Molding.

- **Load and Frequency Ratings:**
  Standard Duty = Medium frequency doors to 200 lbs.
  Heavy Duty = High frequency or heavy medium frequency doors.

780-112
780-112 HD
780-112 LL



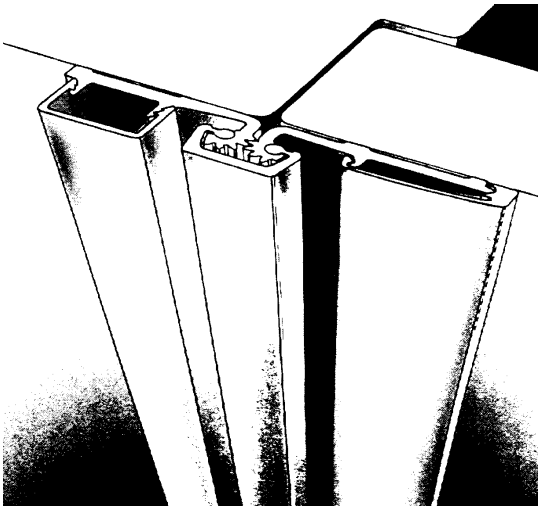


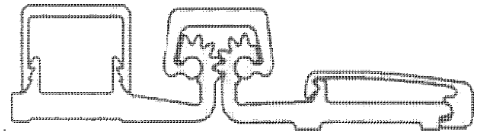
SPECIFICATIONS

- **Door Type:** Any material.
- **Clearance:** 11/32" plus standard lock-side clearance.
- **Fasteners:** Thread forming.
- **Fire Rating:** Up to 1-1/2 hours.
- **Finish options:** All
- **Length Options:** Standard and Custom.
- **Door Reinforcement:** None to 200 lbs. Use 16 guage channel at higher weight.
- **Frame Reinforcement:** None to 200 lbs. Use 16 guage channel at higher weights.
- **Special Features:** Lead lined model for hospital x-ray room doors with double row of screws to straddle lead. Leaf alignment ribs for proper location of hinge.

- **Load and Frequency Ratings:**
  Standard Duty = Medium frequency doors to 200 lbs.
  Heavy Duty = High frequency or heavy medium frequency doors.

CONTINUOUS GEAR HINGES



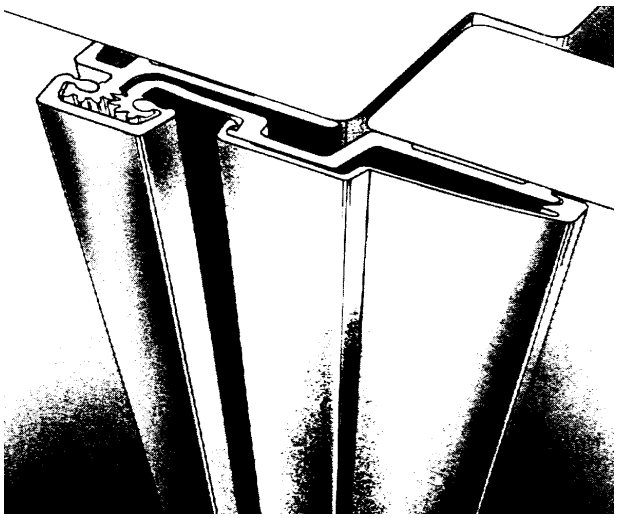


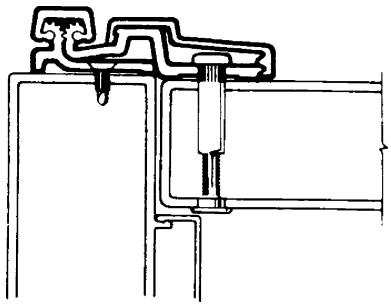
780-157
780-157 HD

SPECIFICATIONS

- **Door Type:** Any material.
- **Clearance:** None required.
- **Fasteners:** Drill Quick x Thru Bolts.
- **Finish options:** All
- **Length Options:** Standard and Custom.
- **Door Reinforcement:** None.
- **Frame Reinforcement:** None to 200 lbs. Use 16 guage channel at higher weights.
- **Special Features:** For surface applications where frame face dimension is limited. Security Molding.

- **Load and Frequency Ratings:**
  Standard Duty = Medium frequency doors to 200 lbs.
  Heavy Duty = High frequency or heavy frequency doors.





780-210
780-210 HD

SPECIFICATIONS

- **Door Type:** Any material.
- **Clearance:** None required. 1-5/8" minimum frame face required plus 3/16" rotational clearance.
- **Fasteners:** Thread forming x Thru Bolts.
- **Finish options:** All
- **Length Options:** Standard and Custom.
- **Door Reinforcement:** None.
- **Frame Reinforcement:** None to 200 lbs. Use 16 guage channel at higher weights.
- **Special Features:** "Zero Clearance" required for hinge side. Can be used with any door and frame material. Security Molding.

- **Load and Frequency Ratings:**
  Standard Duty = Medium frequency doors to 200 lbs.
  Heavy Duty = High frequency or heavy medium frequency doors.

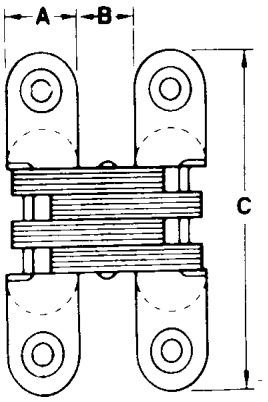
INVISIBLE HINGES

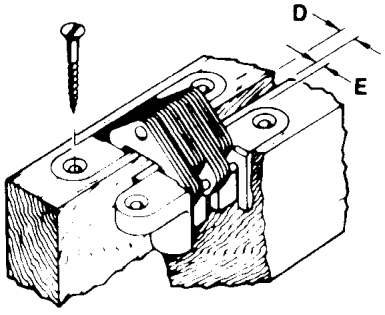
SOSS HINGES

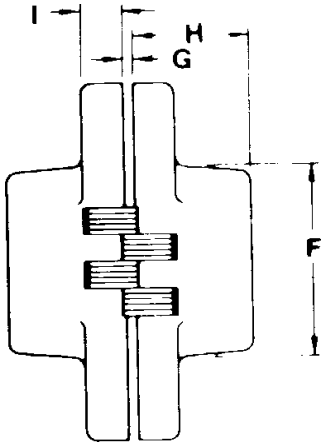
- Provide architects, cabinet-makers, builders, manufacturers and do-it-your-selfers with versatility and security. When in the closed position, it is impossible to tamper with the hinge. In the opened position, the upset, riveted hinge pin cannot be removed.
- Hinges are widely used for mirrored doors and other surfaces where continuity of surface look is not interrupted by unsightly hinge hardware.
- Designed for upscale and custom casework in commercial and residential construction, electronic cabinetry, communications and office equipment.

APPLICATIONS

- Wide range of sizes and capacities, from light to heavy duty.
- Tamper-proof design, in the open or closed position.
- Smooth, continuous operations.
- Design eliminates external pinch point on the back side of the door.
- Designed to operate for millions of cycles.
- Full mortised installation assures strong support in each application.
- Standard finishes: US4 & US26D







	Light Duty					Medium Duty		Heavy Duty		
Sec# \ Hinge#	**100**	**101**	**103**	**203**	**204**	**208**	**212**	**216**	**218**	**220**
A	3/8"	3/8"	1/2"	1/2"	1/2"	5/8"	3/4"	1"	1-1/8"	1-3/8"
B	9/32"	19/64"	3/8"	23/64"	23/64"	29/64"	17/32"	23/32"	7/8"	1-1/16"
C	1"	1-11/16	1-1/2"	1-3/4"	2-3/8"	2-3/4"	3-3/4"	4-5/8"	4-5/8"	5-1/2"
D	3/32"	7/64"	1/8"	7/64"	7/64"	9/64"	5/32"	7/32"	3/8"	1/2"
E	3/32"	3/32"	1/8"	1/8"	1/8"	5/32"	3/16"	1/4"	1/4"	9/32"
F	3/8"	7/8"	11/16"	3/4"	1-1/4"	1-11/32	2-1/16"	2-19/32	2-7/16"	2-15/16
G	1/32"	1/32"	1/32"	1/32"	1/16"	3/64"	3/64"	1/16"	1/16"	1/16"
H	15/32"	29/64"	19/32"	23/32"	23/32"	29/32"	1-5/64"	1-7/16"	1-19/32	1-15/16
I	15/64"	7/32"	7/32"	3/16"	1/4"	9/32"	3/8"	15/32"	13/32"	15/32"
Min. Wood Thickness	1/2"	1/2"	3/4"	3/4"	3/4"	1"	1-1/8"	1-3/8"	1-3/4"	2"
Screw Sizes	#5x3/4	#5x3/4	#6x1	#6x1	#7x1-1/4	#8x1-1/4	10x1-1/4	14x1-1/2	10x1-1/2	12x1-1/2
Soft Wood Pilot Hole	#53	#53	#52	#52	#51	#48	#43	#32	#43	#38
Hard Wood Pilot Hole	#47	#47	#44	#44	#39	#35	#31	#10	#31	#25



8007/H8007 SERIES DOUBLE ACTING GRAVITY PIVOT HINGE

- For use on double acting wood louver doors 3/4" to 1-3/4" thick, which do not exceed 18" in width, 5' in height or 40 lbs in weight.
- The **8007** features a unique ball bearing pivot riding on a hardened steel cam providing frictionless long lasting service. The **H8007** is similar to the **8007** except that is has a 90° hold open feature in either direction. The **F8007** & **FH8007** have special slotted attachments for application to full height louver doors.
- Hinges are either furnished painted or in finely plated finishes.
- Attachments are surface applied to the jamb and the top socket may be surface applied or mortised into the top of the door. The box may be surface applied or mortised into the bottom of the door. On the full height louver doors where the "F" attachments are required, allow not less than ¾" between the top the door and bottom of header to permit rise and fall of door.
- All wood screws.

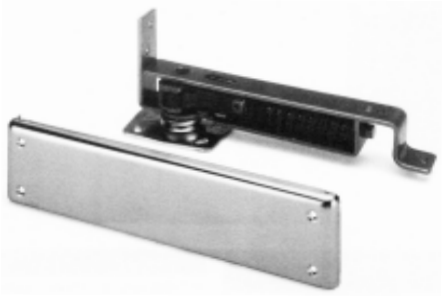
PIVOT HINGES

4001RB Shown



4007 SERIES DOUBLE ACTING GATE SPRING PIVOT HINGE

- For use on wood and metal gates.
- Has an exterior tension adjustment, which can be adjusted after hinge is applied. The **4007** has an anti-friction bearing to carry the weight of the gate and an anti-friction bearing in the top socket, which reduces friction and wear. The pintle has an adjustment in the bottom attachment with a locking device, which permits aligning the gate, or if desired, setting the gate in desired position. Spring is large enough for heavy-duty conditions, but the adjustable tension makes it equally suited for light gates.
- Hinges are either furnished painted or in finely plated finishes
- The **4007** and **4007RB** series attachments are applied to the surface of the frame and box is applied to the bottom surface of the gate. Socket is mortised into the top of the gate; however, in the **4007MRB** series the box is mortised in the bottom of the gate.
- All wood screws.
- For mortised box and reversed brackets, specify **MRB**. For reverse backsets only designate **RB**. For mortised box only designate **M**.



3001 SERIES DOUBLE ACTING HORIZONTAL SPRING PIVOT HINGE

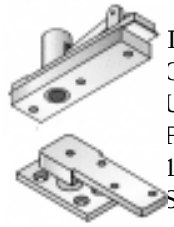
- For use on hollow metal or wood doors in residences, restaurants and other public buildings
- This hinge is equipped with a 90° hold open feature, hardened roller bearings and slotted screws that hold in the floor plate to permit easy alignment. It also has adjustable tension, and nylon pivot and socket.
- Hinges are either furnished painted or in finely plated finishes
- Application of the attaching plate and hinge to the bottom of the door is very simple and requires only a rectangular mortise cut.
- All wood screws
- Door Thickness: 1-1/8" to 1-3/4"
- #**J3001** - To order with Jamb Attaching Plate (for concrete or tile floor), add prefix "**J**" to **3001**.

CENTER HUNG PIVOTS

IVES

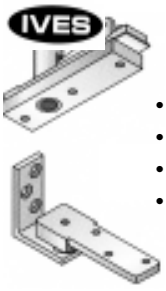


#7253 SET
PIVOT SETS
Top & Bottom pivots
Center Hung
Up to **300** lb doors
Finishes: US: 3, 4, 10, 10B, 26, 26D*; SP28*, SP10, SP313*, SPBLK
*IR Fast Track



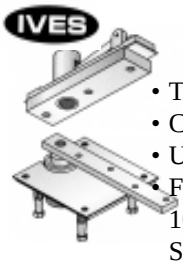
IVES

#7255 SET
PIVOT SETS
Top & Bottom pivots
Center Hung
Up to **500** lb doors
Finishes: US: 3, 4, 10, 10B, 26, 26D*; SP28*, SP10, SP313*, SPBLK
*IR Fast Track



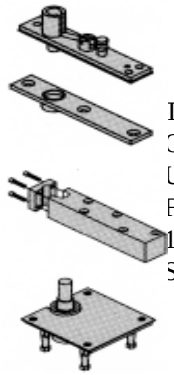
IVES

#7255J SET
PIVOT SETS
- Top & Bottom pivots
- Center Hung
- Up to **300** lb doors
- Finishes: US: 3, 4, 10, 10B, 26, 26D; SP28, SP10, SP313, SPBLK



IVES

#7256 SET
PIVOT SETS
- Top & Bottom pivots
- Center Hung
- Up to **300** lb doors
- Finishes: US: 3, 4, 10, 10B, 26, 26D; SP28, SP10, SP313, SPBLK



#7259 SET
PIVOT SETS
Top & Bottom pivots
Center Hung
Up to **1000** lb doors
Finishes: US: 3, 4, 10, 10B, 26, 26D; SP28, SP10, SP313, SPBLK

IVES

REXSON



117-3/4
PIVOT SETS
- Fully concealed
- Bottom pivot is morised into floor
- Cement case included
- Heavy duty bearings
- For exterior or interior doors
- Up to **600** lbs doors

REXSON



H117-3/4
PIVOT SETS
- Fully concealed
- Bottom pivot is morised into floor
- Cement case included
- Extra heavy duty bearings
- For exterior or interior doors
- Up to **1000** lbs doors

REXSON



127-3/4
PIVOT SETS
- Bottom pivot is morised into side jamb
- For interior doors
- Up to **200** lbs doors sizes up to 3'6" x 8'6"

REXSON



128-3/4
PIVOT SETS
- Bottom pivot is mounted directly into floor
- For interior doors
- Up to **250** lbs doors sizes up to 3'6" x 8'6"

REXSON



370
PIVOT SETS
- Bottom pivot is mounted directly into floor
- For exterior or interior doors
- Up to **500** lbs doors sizes up to 4'0" x 8'6"
- Features sealed bearings for protection against weather and debris

JACKSON



J-190
INTERMEDIATE PIVOT
- For aluminum, hollow metal or wood doors
- Ball bearings and oilite bushings
- Up to **125** lb doors
- Easy vert. adjustment
- Handed

JACKSON

20-1410
FLOOR PIVOT
- Full ball bearing for center hung doors
- Designed for threshold mounting
- For 1-9/16" deap bottom rail

JACKSON

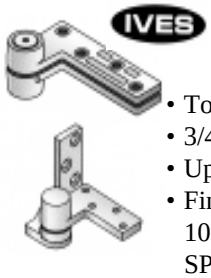


650M
PIVOT SET
- For 1-3/4" wood or hollow metal doors
- Up to **125** lb doors

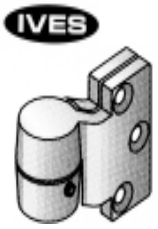
JACKSON



670M
PIVOT SET
- For 1-3/4" aluminum doors
- Up to **125** lb doors

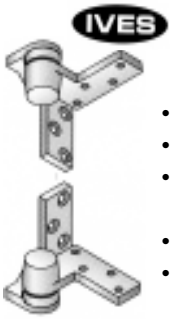


#7212 SET
PIVOT SETS
- Top & Bottom pivots
- 3/4" Offset
- Up to **200** lb doors
- Finishes: US: 3, 4, 10, 10B, 26, 26D; SP28, SP10, SP313, SPBLK

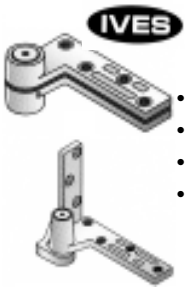


#7212 INT
INTERMEDIATE PIVOT SETS
- For use with 7212, 7212V & 7222
- Finishes: US: 3, 4, 10, 10B, 26, 26D; SP28*, SP10, SP313*, SPBLK

*IR Fast Track

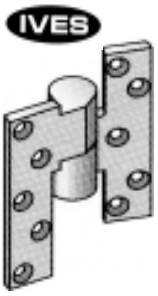


#7212V SET
PIVOT SETS
- Top & Bottom pivots
- 3/4" Offset
- Jamb-mounted top and bottom
- Up to **200** lbs doors
- Finishes: US: 3, 4, 10, 10B, 26, 26D; SP28, SP10, SP313, SPBLK



#7215 SET
PIVOT SETS
- Top & Bottom pivots
- 3/4" Offset
- Up to **500** lb doors
- Finishes: US: 3, 4, 10, 10B, 26, 26D*; SP28*, SP10, SP313*, SPBLK

*IR Fast Track



#7215 INT
INTERMEDIATE PIVOT
- For use with 7215, 7226 & 7227
- Available for Fire Rated
- Finishes: US: 3, 4, 10, 10B, 26, 26D*; SP28*, SP10, SP313*, SPBLK

*IR Fast Track

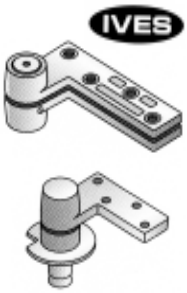
OFFSET PIVOTS



#7215PT INT
POWER TRANSFER INTERMEDIATE PIVOT
- For use with 7215, 7226, and 7227
- Finishes: US: 3, 4, 10, 10B, 26, 26D; SP28, SP10, SP313, SPBLK

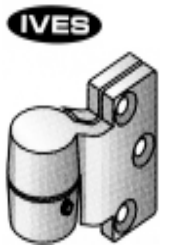


#7215F SET
FIRE RATED PIVOT SETS
- Top & Bottom pivots
- 3/4" Offset
- Up to **500** lb doors
- Fire Rated
- Finishes: US: 3, 10, 32, 32D; SP28, SP10, SP313, SPBLK



#7222 SET
PIVOT SETS
- Top & Bottom pivots
- 3/4" Offset
- Up to **200** lb doors
- Finishes: US: 3, 4, 10, 10B, 26, 26D*; SP28*, SP10, SP313*, SPBLK

*IR Fast Track

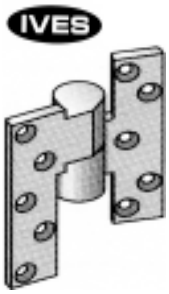


#7222 INT
INTERMEDIATE PIVOT
- For use with 7212, 7212V & 7222
- Finishes: US: 3, 4, 10, 10B, 26, 26D*; SP28*, SP10, SP313*, SPBLK

*IR Fast Track

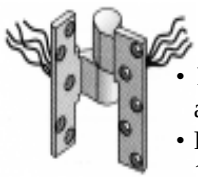


#7226 SET
PIVOT SETS
- Top & Bottom pivots
- 3/4" Offset
- Up to **600** lb doors
- Finishes: US: 3, 4, 10, 10B, 26, 26D; SP28, SP10, SP313, SPBLK



#7226 INT
INTERMEDIATE PIVOT
- For use with 7215, 7226 & 7227
- Finishes: US: 3, 4, 10, 10B, 26, 26D*; SP28*, SP10, SP313*, SPBLK

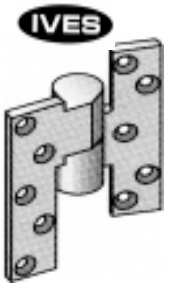
*IR Fast Track



#7226PT INT
POWER TRANSFER INTERMEDIATE PIVOT
- For use with 7215, 7226, and 7227
- Finishes: US: 3, 4, 10, 10B, 26, 26D; SP28, SP10, SP313, SPBLK

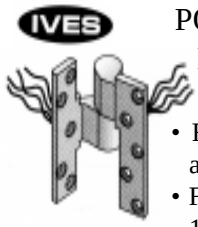


#7227 SET
PIVOT SETS
- Top & Bottom pivots
- 3/4" Offset
- Up to **700** lb doors
- Finishes: US: 3, 4, 10, 10B, 26, 26D; SP28, SP10, SP313, SPBLK



#7227 INT
INTERMEDIATE PIVOT
- For use with 7215, 7226 & 7227
- Finishes: US: 3, 4, 10, 10B, 26, 26D*; SP28*, SP10, SP313*, SPBLK

*IR Fast Track



#7227PT INT
POWER TRANSFER INTERMEDIATE PIVOT
- For use with 7215, 7226, and 7227
- Finishes: US: 3, 4, 10, 10B, 26, 26D; SP28, SP10, SP313, SPBLK

OFFSET PIVOTS



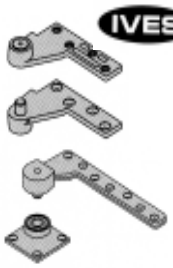
#7237F SET FIRE RATED PIVOT SETS

- Top & Bottom pivots
- 3/4" Offset
- Up to **1000** lb doors
- Fire Rated
- Finishes: US: 3, 10, 32, 32D; SP28, SP10, SP313, SPBLK



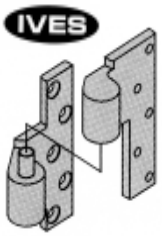
#7237F INT FIRE RATED INTERMEDIATE PIVOT

- For use with 7230F and 7237F
- Finishes: US: 3, 10, 32, 32D; SP28, SP10, SP313, SPBLK



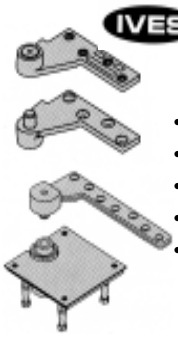
#7244F SET PIVOT SETS

- Top & Bottom pivots
- 1-1/2" Offset
- Up to **400** lb doors
- Fire Rated
- Finishes: US: 3, 10, 32, 32D; SP28, SP10, SP313, SPBLK



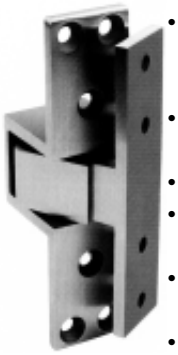
#7244F INT FIRE RATED INTERMEDIATE PIVOT

- For use with 7244F and 7245FF
- Finishes: US: 3, 10, 32, 32D; SP28, SP10, SP313, SPBLK



#7245F SET FIRE RATED PIVOT SETS

- Top & Bottom pivots
- 1-1/2" Offset
- Up to **500** lb doors
- Fire Rated
- Finishes: US: 3, 10, 32, 32D; SP28, SP10, SP313, SPBLK



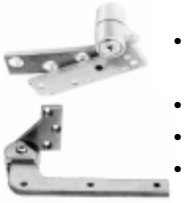
#91105F INTERMEDIATE POCKET PIVOTS

- Full mortised, non-handed with heavy duty ball bearings
- UL Listed for 3hr metal or 20 min wood doors
- Stainless steel base mat.
- For use on pocket door corridor applictions
- Allows door to open 90 degrees
- Each pivot carries 90lbs
- Optional Power Transfer Pivot



117 PIVOT SETS

- For interior doors up to 4'0" x 8'0"
- 3/4" Offset
- Up to **300** lb doors
- Fire Rated Available (F117)
- Intermediate pivot required
- Bottom pivot mortised into floor
- Available for Lead Lined doors (L117) up to 1750lbs



117 - 1/4 PIVOT SETS

- For interior doors up to 3'8" x 8'0"
- 3/4" Offset
- Up to **250** lb doors
- Bottom pivot mortised into side jamb
- Intermediate pivot required



117 - 1/2 PIVOT SETS

- For heavy traffic exterior & interior doors up to 3'6" Ext and 4'0" Int
- 3/4" Offset
- Up to **650** lb doors
- Fire Rated Avail (F117-1/2)
- Intermediate pivot required
- Bottom pivot mortised into floor
- Non-ferrous base metal



147 PIVOT SETS

- For heavy traffic ext & extra heavy int doors
- Up to 3'6" Ext & 4'0" Int
- 3/4" Offset
- Up to **600** lb doors
- Fire Rated Avail (F147)
- Available for Lead Lined doors (L147) up to 1000lbs
- Intermediate pivot req.
- Bottom pivot mounts into floor
- Non-ferrous base metal



195 PIVOT SETS

- For heavy traffic exterior and interior doors
- Up to 3'6" for exterior and 4'0" interior
- 3/4" Offset
- Up to **450** lb doors
- Intermediate pivot required
- Bottom pivot mortised into side jamb
- Pivot can be vertically adjusted up to 3/16" after installation



M19 INTERMEDIATE PIVOTS

- Full Mortise
- Fire Rated Avail (M19F)
- Available for Lead Lined Doors (LM19)



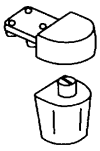
F519 INTERMEDIATE POCKET PIVOTS

- Full Mortise
- Non-handed
- Heavy duty steel pivot with ball bearings
- UL Listed for fire door assemblies (3hr for hollow metal; 20 min for wood doors)
- Allows doors to swing 90 degrees

BUILDERS HARDWARE

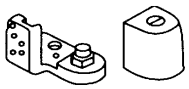
SX

THE BIG "K"
TOP/BOTTOM PIVOTS



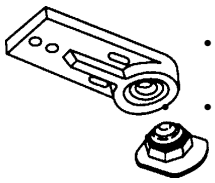
- Replacements for the KAWNEER™ Offset Pivot
- #TH1118-**Top** Portion
- #TH1118-**Bottom** Portion

**KAWNEER is a registered trademark



SX

THE BIG "K"
BOTTOM CENTER PIVOTS

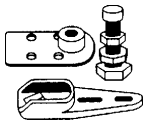


- Replacements for the KAWNEER™ Pivot
- #TH1119 -Bottom Ctr

**KAWNEER is a registered trademark

SX

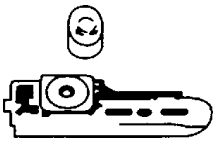
PIVOT SETS



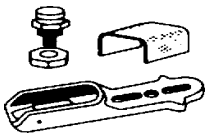
Btm

- For use with the **SX** TC7000 Series Concealed Overhead Closer and the SX TC7100 Series Floor Closers
- Bottom, GE & AE models

AE

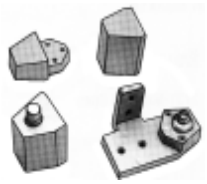


GE



SX

TH1110/1111
PIVOT SETS



- Top & Bottom pivots
- Offset
- Vistawall / Arch style

SX

TH1112/1113
PIVOT SETS

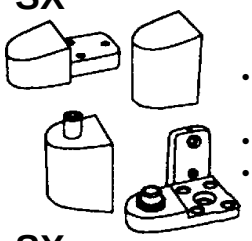


- Top & Bottom pivots
- Offset
- Amarlite style

OFFSET PIVOTS

SX

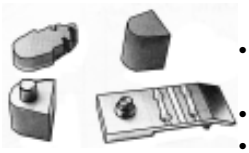
TH1114/1115
PIVOT SETS



- Top & Bottom pivots
- Offset
- US Alum / Pitco style

SX

TH1116/1117
PIVOT SETS



- Top & Bottom pivots
- Offset
- Aldora style

JACKSON

689
PIVOT SETS



- For 1-3/4" aluminum doors
- Up to **125** lb doors

JACKSON

690
PIVOT SETS

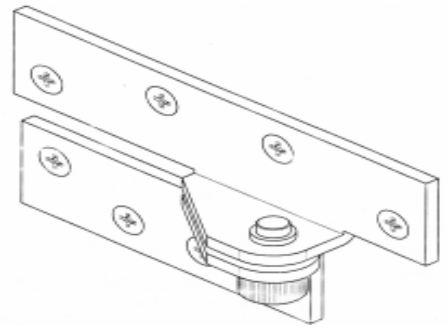


- For 1-3/4" wood or hollow metal doors
- Up to **125** lb doors

ALL PIVOTS SETS CAN BE BROKEN DOWN AND SOLD AS SEPARATE PIECES!

CALL OUR HELPFUL STAFF MEMBERS AT 1-800-238-4566

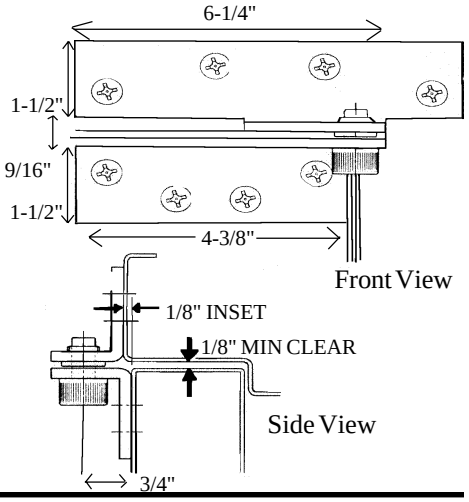
Markar Products, Inc.



B1923
REINFORCING PIVOT

This full surface reinforcing pivot adds years of life to openings where the hinges or hinge reinforcements have failed. Reinforcing pivots take the load off the hop hing and transfer it to screw that are in shear so they will not pull out.

- Full surface reinforcing pivot for flush doors
- Heavy-duty 3/16" thick 1012 cold-rolled steel
- US2G Galvanized zinc plating
- 1,500,000 repetitions cycle testing
- Exceeds ASTM Standard 156.1
- Comes complete with all necessary fastners
- Supports weights up to 300 lbs
- Hole pattern is symmetrically located
- Specify hand when ordering
- Hinge Size: 4-1/2" hinge; 3/4" to center line of pivot



DOOR HOLDERS



70 & 79 SERIES SURFACE MOUNTED OVERHEAD DOOR HOLDERS/STOPS

The 70 series and 79 series surface mounted holders and stops combine rugged construction and simple installation, resulting in extremely reliable heavy duty door control. 70 and 79 series units are constructed primarily of brass and stainless steel materials, with several components fabricated of steel material treated to resist corrosion.

The 70 series is designed around a 1/2" diameter 300 series stainless steel bar, while the 79 series utilizes a 3/4" diameter bar, also constructed of 300 series stainless steel. Components including jamb brackets, door brackets and hold-open/ shock absorber mechanisms, are a combination of brass and steel material, finished in a variety of finishes.

DOOR OPENING	BUTTS/OFFSET PIVOTS	CENTER HUNG	SIZE NEEDED
	23-1/16" - 27"	27-1/16" - 33"	2
	27-1/16" - 33"	33-1/16" - 39"	3
	33-1/16" - 39"	39-1/16" - 45"	4
	39-1/16" - 45"	46-1/16" - 51"	5
	45-1/16" - 54"	51-1/16" - 57"	6
* Specify **H** for **Hold Open** or **S** for **Stop Only**			

FEATURES/OPTIONS

- Single or double acting doors.
- Interior/exterior applications.
- Reversible, non-handed.
- Finishes: bar is 32D. Other finishes: 26D, sprayed bronze, sprayed brass, sprayed aluminum, sprayed black and sprayed 10B.

Models available in:

70H Series Hold-open (Heavy Duty)
70S Series Stop-only (Heavy Duty)
79H Series Hold-open (Extra Heavy)
79S Series Stop-only (Extra Heavy)

410 SERIES CONCEALED / 450 SURFACE MOUNTED OVERHEAD DOOR HOLDERS/STOPS



450 shown

These series concealed holders and stops offer the widest variety of functions, base materials and finishes to fit all medium to light duty applications. These models are available in 300 series stainless steel, brass/ bronze, and steel materials. The broadest range of finishes in the industry are furnished to complement design requirements.

FEATURES/OPTIONS

- Adjustable Hold Open Mechanism
- Interchangeable Functions
- Brass/Bronze, Steel and Stainless steel substrates
- Improved compatibility with door closers
- Improved Jamb bracket design
- Meets BHMA Grade 1 Griteria

Models available 410 or 450 Series

H Hold-open
F Friction Hold-Open
S Stop-only



90H

90 SERIES SURFACE MOUNTED OVERHEAD DOOR HOLDERS/STOPS

The 90 series surface mounted holders and stops provide the most versatile and attractive variety of functions, materials and finishes to fit heavy duty applications. Models are available in 300 series stainless steel, brass/bronze, and steel materials. The broadest range of finishes in the industry are furnished to complement design requirements.

	Butts/Offset Pivots	Center Hung
Size	Door Size	Door Size
1	N/A	
2	23-1/16" - 27"	27-1/16" - 33"
3	27-1/16" - 33"	33-1/16" - 39"
4	33-1/16" - 39"	39-1/16" - 45"
5	39-1/16" - 45"	45-1/16" - 51"
6	45-1/16" - 54"	51-1/16" - 59"
Order Example : 902S is a 90 series, size 2, Stop-only Holder		

FEATURES/OPTIONS

- Single acting or double acting doors.
- Interior/exterior appications.
- Reversible, non-handed.

*Specify Size & Model when ordering.

Models are available, each offered in 5 sizes to accommodate virtually all openings:

90 H Series - Hold-open
90 F Series - Friction Hold-open
90 S Series - Stop-only

DOOR HOLDERS



100 SERIES CONCEALED OVERHEAD DOOR HOLDERS

The 100 Series concealed holders and stops provide the most attractive and reliable heavy duty control. The low profile channel,constructed of heavy gauge brass material, is mortised in the door, concealed from view. The jamb bracket is mortised in the door frame, also concealed from view when the door is in the closed position. The broadest range of finishes in the industry are furnished to complement design requirements.

Ideal for use on entrance and vestibule doors, as well as high frequency use or large doors, or doors subject to abuse. The 100 Series units provide a wide range of optional features. Three basic models are available, each offered in six sizes to accommodate virtually all openings:

• 100**H - Hold-open** model • 100**F - Friction Hold-open** model • 100**S - Stop-only**

The above models are furnished standard with an offset style jamb bracket. The 100H hold-open model features the most reliable hold open mechanism which is both selective and adjustable. The unit features a control knob which turns the hold open function on or off. The hold open tension is simply adjustable with an allen wrench. Set in the inactive position, the unit acts as a stop and shock absorber. The 100S stop only models provide the same rugged shock absorbing ability as the 100H units, but are furnished less the hold open mechanism for applications that do not require hold open capability. The 100F friction hold open models provide a heavy duty multi-point hold open mechanism and adjustable tension, ideal for situations where various degrees of hold open are required.

FEATURES/OPTIONS

- Interchangeable functions
- An optional P version available with automatic hold open built into the channel, reducing door prep
- An optional "ADJ" (adjustable jamb bracket) available on 100H, 100S, 100F and 100HP Series, (sizes 3, 4, 5 and 6).
- The 100S stop only units also available in an "SE" version, which eliminates the shock absorbing spring
- Single or double acting doors.
- Interior / exterior applications.
- Reversible, non-handed.
- Designed for heavy duty applications
- Exceeds BHMA cycle test & force test requirements on Grade 1 holders & stops

	Butts/Offset Pivots				Center Hung			
Size	Door Opening	Stop	Hold	Friction	Door Opening	Stop	Hold	Friction
1	18" - 23"	101S*	101H*	101F*				
2	23-1/16" - 27"	102S*	102H*	102F*				
3	27-1/16" - 33"	103S	103H	103F	33-1/16" - 39"	103S	103H	103F
4	33-1/16" - 39"	104S	104H	104F	39-1/16" - 45"	104S	104H	104F
5	39-1/16 - 45"	105S	105H	105F	45-1/16" - 51"	105S	105H	105F
6	45-1/16 - 54"	106S	106H	106F	51-1/16" - 59"	106S	106H	106F

PUSH / PULL LATCH



Glynn-Johnson HL-6 Push/Pull Latch for installations where both versatility and durability are critical. Ideal for use on commercial and institutional doors, including fire doors. Functional and modern in design, these units can be mounted in any of 6 different positions and available in 2-2/4", 3-3/4", 5" or 7" backset. The short throw angle allows an easy push or pull action to open the door even when hands are not free.

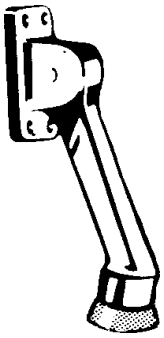
FEATURES/OPTIONS

- Lead lining (suffix L)
- Engraved (Push/Pull) handles (suffix E)
- Exit only version (suffix EO)
- Roller Latch Conversion Kit - unit is provided with strike and latch adapter to allow conversion with minimal door preparation changes (suffix RL)

Finishes: US28 and US26D are furnished on an aluminum base material for both escutcheons and levers. US3, 4, 9, 10B and 26 finishes are furnished on a brass or bronze base material for levers and escutcheons. Brass base unit can also be supplied (suffix B) in place of standard aluminum material. These latches are available with durable 300 series stainless steel handles and covers. Handles are investment cast and covers drawn stainless steel, available in US32 and US32D finishes.

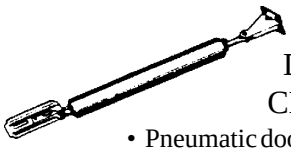
DOOR HARDWARE

IVES DOOR HOLDERS



452
DOOR HOLDER
- 4" & 5" arm lengths
- PA28 - 4" only
- Finshes: B3, B10, B10B, B26D

IVES DOOR CLOSERS

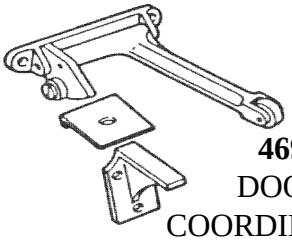


926
DOOR CLOSER
- Pneumatic door closer
- Steel construction

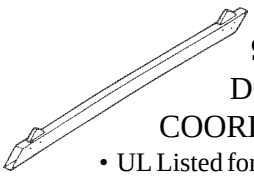


927
DOOR CLOSER
- Pneumatic door closer
- Heavy duty steel construction

IVES DOOR COORDINATORS

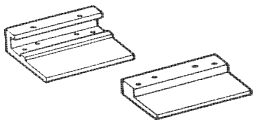


469
DOOR COORDINATOR
- UL Listed for labled fire doors
- 6-3/4" projection
- Finishes: B3, B10, B26D

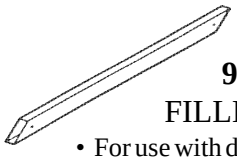


948
DOOR COORDINATOR
- UL Listed for labeled fire doors
- 48"

IVES FILLER PIECES



COORDINATOR FILLER PIECES
- **#901** - 1 1/8" to 2 1/8" stop width.
- **#902** - 2 1/4" and larger stop width.
- Aluminum finish.

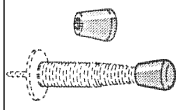


903-38
FILLER PIECE
- For use with door coordinators.
- 33 5/8"

IVES DOOR STOPS



RT
DOOR STOP TIPS
- Replacement for rigid base door stops.
- White



SRT
DOOR STOP TIPS
- Replacement for flexible base door stop.
- White



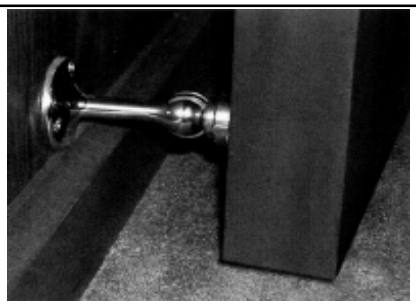
FLEX DOOR STOP
- **#060** - 3" projection.
- **#061** - 4" projection.
- Finishes: F3, F5, F10, F10B, F14



61
RIGID DOOR STOP
- 3" projection.
- Finishes: A3, A5, A10, A14, A92, MB10B, MB26D

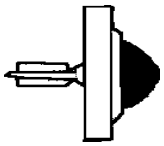


62
LONG, RIGID DOOR STOP
- 4 1/2" projection.
- Finishes: A3, A10, A14, A92, MB3

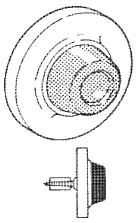


SOSS MAGNETIC DOOR STOP/HOLDER
- Easy to use and install
- Pull door gently to release or open door fully to hold.
- Finishes: Ant. Bronze, Sat. Nickel, Black, Sat. Chrome, Brt. Gold, White

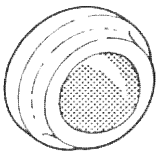
IVES WALL STOPS



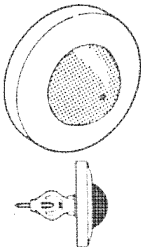
REPLACEMENT BUMPERS
- Specify convex or concave.



401 1/2
WALL DOOR STOP
- Concave Bumper
- Includes plastic anchor
- Finishes: B3, B10, B10B, B26D, PA28
- Cast brass or aluminum



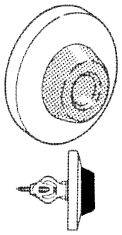
404
WALL DOOR STOP
- 1" w/convex bumper
- Has adhesive backing
- B10 Finish
- Solid Brass



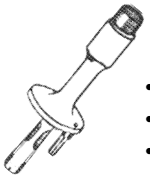
407
WALL DOOR STOP
- Convex bumper
- Includes drywall anchor
- Finishes: B3, B10, B10B, B26, S32D
- Wrought brass, bronze, aluminum or stainless steel

DOOR HARDWARE

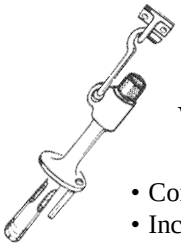
IVES WALL STOPS



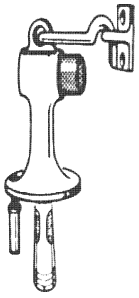
407 1/2
WALL DOOR STOP
- Concave bumper
- Includes drywall anchor
- Finishes: B3, B10, B10B, B26, S32D
- Wrought brass, bronze, aluminum or stainless steel



443
WALL DOOR STOP
- Commercial duty. (3 5/8")
- Includes expansion shield.
- Finishes: B3, B10, B10B, B26D, PA28



445
WALL STOP & HOLDER
- Commercial duty. (3 5/8")
- Includes expansion shield.
- Finishes: B3, B10, B10B, B26D, PA28

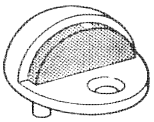


446
WALL STOP & HOLDER
- Commercial duty. (3 5/8")
- Includes expansion shield.
- Finishes: B3, B10, B10B, B26D, PA28

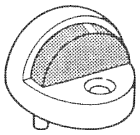


447
WALL DOOR STOP
- Commercial duty. (3 5/8")
- Includes wood screws.
- Finishes: B3, B10, B10B

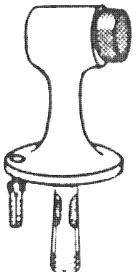
IVES FLOOR STOPS



436
FLOOR DOOR STOP
- For doors without thresholds (1" height)
- Finishes: B3, B4, B10, B10B, B26, B26D, PA28
- Cast brass, bronze or aluminum

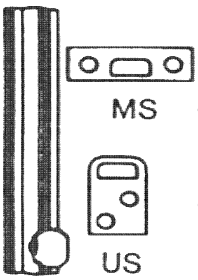


438
FLOOR DOOR STOP
- For undercut doors, or doors with threshold (1-1/ 4" height)
- Finishes: B3, B10, B10B, B26, B26D, PA28
- Cast brass, bronze or aluminum

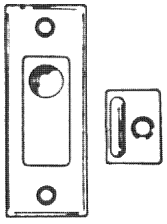


444
FLOOR DOOR STOP
- Commercial duty. (3")
- Includes expansion shield.
- Finishes: B3, B10, B10B, B26D, PA28

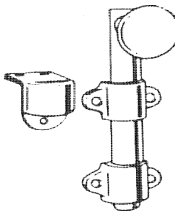
IVES DOOR BOLTS



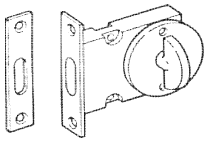
40
SURFACE BOLT
- Modern style with universal and mortise strikes.
- Finishes: B3, B5, B10, B10B, B26, B26D, PA28



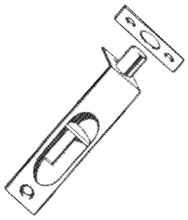
42
POCKET DOOR BOLT
- Has emergency release from outside the door
- B3 finish



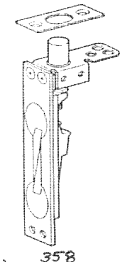
54
DUTCH DOOR BOLT
- 4 1/4" rod length.
- Finishes: B3, B10, B10B, B26, B26D



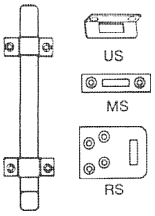
MORTISE DOOR BOLT
- **#150** - 1 3/4" backset.
- **#154** - 2 3/4" backset.
- Thumbturn operation.
- Finishes: B3, B10, B10B, B26, B26D



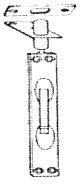
262
FLUSH BOLT
- Double acting spring.
- 3/4"x 6"
- Finishes: B3, B5, B26D



358
FLUSH BOLT
- For labeled wood doors; UL listed to be used on the inactive door.
- 3/4" throw.
- Finishes: B3,B10, B10B, B26D



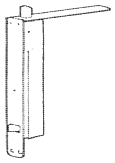
453
SURFACE BOLT
- 8" & 12"
- UL Listed for Fire Doors
- 1-3/16" throw
- Finishes: F2C, F10



458
EXTENTION FLUSH BOLT
- UL Listed for labeld metal doors (12")
- Finishes: B3, B10, B10B, B26D, PA28

556

AUTO FLUSH BOLT



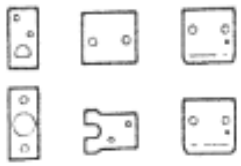
- UL Listed for Wood Fire Doors
- Finishes: B3, B10, B10B, B26D

559

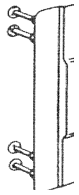
AUTO FLUSH BOLT



- UL Listed for labeled Metal Fire Doors
- Finishes: B3, B10, B10B, B26D, S32D



PROTECTION GUARDS



IVES LOCK GUARD

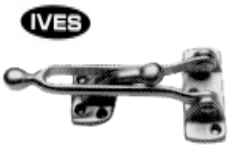
- **#180** - 2-1/2" x 10"
- **#182** - 1-9/16" x 10"
- For out-swinging doors
- Finishes: S32D, FP



184

IVES LOCK GUARD

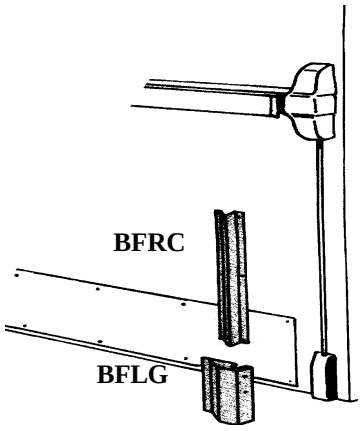
- 1-9/16" x 6"
- For out-swinging doors
- Finishes: S32D, FP



482

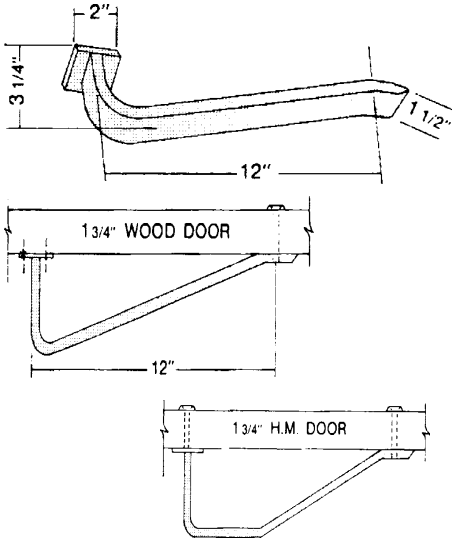
DOOR GUARD

- 4-3/4" arm length
- Hinged bar allows guard to be positions 180 deg away from door when not in use
- Brass edge guard included
- Finishes: B3, B4, B5, B10, B10B, B26D



LATCH GUARD & VERTICAL ROD COVER

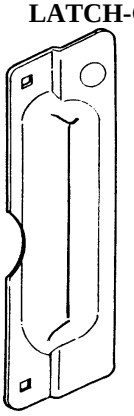
- Fits most bottom latch cases (Up to 2-1/4"W x 10"H x 2-1/4" projection)
- Features a 45 deg bevel to allow wheelchair footrest to slide over vertical rod and latch
- Surface mounted
- **BFRC** - Vertical Rod Cover 12" length
- **BFLG** - Latch Guard - 10", 12" & 16"
- Stainless Steel Standard finish



TRIM PROTECTOR BARS

- 3/8" x 1-1/4" type 304 stainless steel
- Designed to protect projecting hardware such as locks or latchsets or wall mounted hardware
- Stainless Steel standard finish
- Other mounting options can be ordered

LATCH-GARD

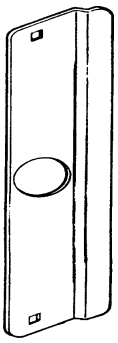


LG110 SERIES

3" x 11"

- Cut out model for cylindrical style lock sets
- Heavy 12 gauge plate steel
- Jamb pin prevents prying
- Reversible for left or right openings
- Finishes: Zinc, Duronodic

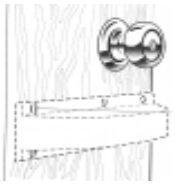
LATCH-GARD



LG160 SERIES

2-5/8" x 12"

- Fits Adams Rite Locks
- Used on aluminum entrance doors
- 1-1/2" cylinder hole fits over lock
- Sex bolts included
- Finishes: Zinc, Duronodic



KEEDEX

PROTECT-A-LOK

Designed to protect locks and other hardware from impact damage. Made from Lexan polycarbonate, is virtually industructible. For use in areas where locks may have a chance of getting hit by carts, forklifts or vehicles. 8.5" long x 3" high x 3.5" deep. Available in Cream (#K12) or Duranodic (#K12D)
Also available in stainless steel (#K12S). Various sizes available for stainless steel.

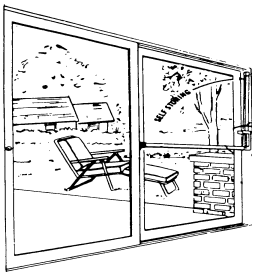
DOOR HARDWARE



KEEDEX

STYLE GUARD CENTER HUNG

made of 12 gauge steel, the style guard reinforces or repairs aluminum-stile doors. #K-9 is designed for standard, center hung doors with 4" jambs. #K21 is for 4-1/2" jambs. Designed with a "knock out" to accomodate either the W&F or the Adams Rite Bolt. Baked on powder coat finish. Choice of aluminum or duranodic finishes.
Sizes: #K9 - 8" x 4" x 1-1/2"
#K21 - 8" x 4-1/2" x 1-1/4"



CHARLEY BAR
A Patio Door Security Bar

The bar is meant to be used in addition to a patio door lock. The

MAG

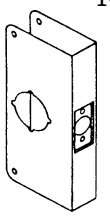


UNI-FORCE DOOR EDGE GUARD

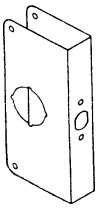
- **#10 GUARD:** Door Thickness: 1-3/8"
  Overall size: 1" x 4-1/2"
  Finishes: -AB (US5), -PB (US3), -S(US32D)
- **#20 GUARD:** Door Thickness: 1-3/4"
  Overall size: 1" x 4-1/2"
  Finishes: -AB (US5), -PB (US3), -BN (US10), -S(US32D)

*GUARD-IT KITS AVAILABLE
(includes 1- Uni-Force Edge Guard and 1- High security strike)

MAG



DOOR REINFORCERS



Standard Series

- Helps prevent kick-ins
- Fits straight or beveled doors
- Non-handed
- Solid metal
- For locks with 2-1/8" bore

2000 Series

Standard Series			
Part #	Backset	Door	Size
1	2-3/8"	1-3/8"	4" x 9"
2	2-3/8"	1-3/4"	4" x 9"
3	2-3/4"	1-3/8"	4-1/4" x 9"
4	2-3/4"	1-3/8"	4-1/4" x 9"
4-S-12	2-3/4"	1-3/4"	5" x 12"
Finishes available for # 1 thru # 4: -AB (US5) -BN (US10) -PB (US3) -S (US32D) (# 4-S-12 available only in stainless steel)			

2000 Series			
Part #	Backset	Door	Size
2001	2-3/8"	1-3/8"	4" x 9"
2002	2-3/8"	1-3/4"	4" x 9"
2003	2-3/4"	1-3/8"	4-1/4" x 9"
2004	2-3/4"	1-3/4"	4-1/4" x 9"
Finishes for # 2001& 2003: -PB (US3)			
Finishes for #2002& 2004: -PB (US3) & -S (US32D)			

IVES DOOR PULLS



22
OBLONG FLUSH PULL

- 1-5/16" C 3-1/8"
- Finishes: B3, B10, B10B, B26, B26D



25
SCREEN DOOR PULL

- Utility grade
- 4-1/8" center to center
- A3 finish



218
FINGER PULL

- 9/32" depth
- 3/4" bore
- Finishes: B3, B5, B10, BB14



221
FLUSH PULL

- 7/16" depth
- 2-1/8" bore
- Finishes: B3, B5, B10, B10B, B26, B26D



222
OBLONG FLUSH PULL

- 1-5/16" x 3-1/8" x 1/2"
- Finishes: B3, B10, 10B



223
OBLONG FLUSH PULL

- 3-9/16" x 1-5/16" x 1/2"
- Finishes: B3, B10, 10B



FLUSH PULL

- **#225** - 1-1/2"dia x 3/8" depth
- **#226** - 2-1/8" dia x 7/16" depth
- Finishes: B3, B4, B5, B10, B10B, B26, B26D



230
DOOR EDGE PULL

- Designed for narrow doors
- 3-7/8" x 3/4" x 1-5/8"
- Finishes: B3, B26D

DOOR HARDWARE

FLUSH RING PULL



- **#425** - 1-1/2"
- **#426** - 2-1/8"
- Pull has finger grip that is flush when not in use
- Finishes: B3, B26D

ROCKWOOD DOOR PULLS



DOOR PULLS

- For non-latching doors
- Base plates may be needed for wood doors
- Most architectural finishes avalable

Part#	Dia	CTC	OAL	Proj	Cir	Base
105	3/4"	5-1/2"	6-1/4"	2-1/4"	1-1/2"	3/4"
106	3/4"	6"	6-3/4"	2-1/4"	1-1/2"	3/4"
107	3/4"	8"	8-3/4"	2-1/4"	1-1/2"	3/4"
108	3/4"	10"	10-1/4"	2-1/4"	1-1/2"	3/4"
110	1"	8"	9"	3"	2"	1"
111	1"	10"	11"	3"	2"	1"
112	1"	12"	13"	3"	2"	1"
118	1"	18"	19"	3"	2"	1"

CAN'T FIND WHAT YOUR LOOKING FOR?
CALL US!
WE WILL FIND IT FOR YOU.
WE HAVE 100's
OF MANUFACTURERS
AT OUR FINGERTIPS.



STRAIGHT DOOR PULLS

- 90 deg offset design
- Base plates may be needed for wood doors
- Specify 3/8" or 3/16" thru bolts for high traffic areas
- Most architectural finishes available
- **11000 Series** Diamentions: 3" Projection, 2" Clearance (Push CTC: must specify, 2-1/4" projection, 1-1/4" clearance)
- Base plate diameters: 1-1/4", 1-1/2, 1-3/4", and 2"

Part#	CTC
11047	8"
11147	10"
11247	12"
11847	18"



OFFSET PUSH & PULL BARS

- For wood, metal or glass doors
- Standard 1" barstock construction (3/4" available)
- Can be engraved with "PUSH"/"PULL"
- Most architectural finishes available
- **15000 Series** Diamentions: 3-1/2" Offset, 2-3/4" Projection, and 1-3/4" Clearance (Push CTC: must specify, 2-1/4" projection, 1-1/4" clearance)

Part#	CTC
15647	8"
15747	10"
15847	12"
15947	18"

ROCKWOOD PULL & PUSH PLATES

#70B

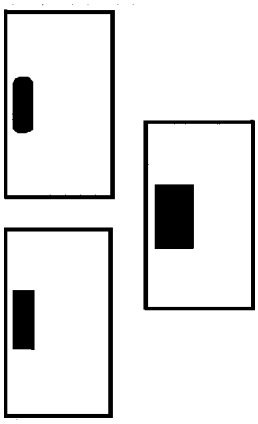




#122 x 70B Shown

#105 x 70B **#122 x 70B**
#132 x 70B **#137 x 70B**

Pull Plate Dimensions: 3-1/2" x 15"



70B

Standard Push Plate Dimensions: 3-1/2" x 15"
Finishes: 3, 10, 10B, 28, 32D

DOOR ACCESSORIES

ROCKWOOD KICKPLATES

Kickplates are an attractive means of protecting a door surface from scuffing due to heavy traffic. A range of heights are available to provide protection from damage by floor cleaning operations, stretchers, industrial carts and trucks. Plates are avaiable in all archtectural finishes plus a variety of plastic materials.

FEATURES / OPTIONS

- Stainless steel 18-8 Phillips head sheet metal screws plated to match are included
- Min. thickness: Metal-.050"; Plastic-.125"
- All architectural finishes available up to 48" x 48" (except US26D [626] -max height of 12")
- Beveled edges optional
- Machine screws or spanner head screws available
- Stainless steel available in the following guages: 20, 18, 16, 11
- Weight: Metal - 8" x 34" = 4.0lbs Plastic - 8" x 34" = 1.9lbs







Subtract 2" from the door width when ordering plates. This will keep the plate from hitting the frame stop.

POCKET DOOR LOCKS



#PDL-100
PASSAGE

- Field Reversible
- Adjustable for various door thickness
- Includes pin & screws for 1-3/4" door width



#PDL-101
PRIVACY

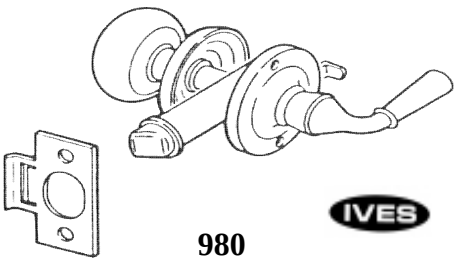
- Field Reversible
- Adjustable for various door thickness
- Includes pin & screws for 1-3/4" door width



ROUND POCKET DOOR LOCK

- #334 Passage
- #335 Privacy

SCREEN & STORM DOOR HARDWARE

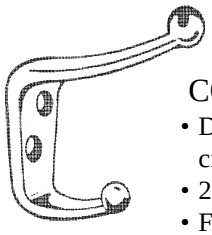


IVES

980
STORM DOOR LATCH

- For 7/8" to 1-1/8" wood storm doors
- 1-3/4" backset
- F3 finish

IVES DOOR HOOKS



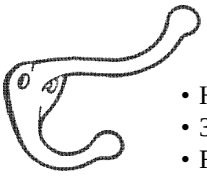
405
COAT/HAT HOOK

- Designed for commercial use.
- 2 1/2" projection.
- Finishes: A3, A10, A92



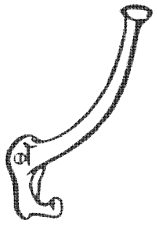
571
COAT & HAT HOOK

- 3" projection
- Finishes: A3, A5, A10, A92



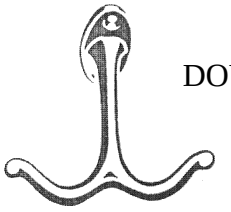
572
COAT & HAT HOOK

- Heavy duty; aluminum.
- 3 1/16" projection.
- Finishes: A3, A10, A92



575
COAT & HAT HOOK

- 3 3/4" proj. x 7" height.
- Finishes: A3, A92



580
DOUBLE CEILING HOOK

- 2 1/4" projection.
- Finishes: A3, A92

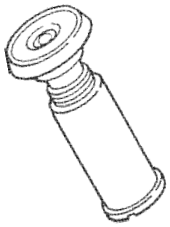


581
WARDROBE HOOK
- 1 11/16" projection.
- Finishes: A3, A92

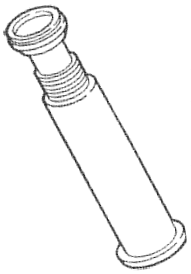


582
DOUBLE WARDROBE HOOK
- 1 1/8" projection.
- Finishes: A3, A92

IVES DOOR VIEWS



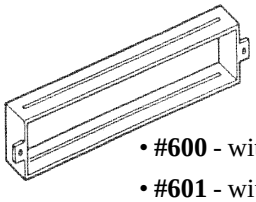
698
1-WAY VIEWER
- 190 degree.
- 9/16" hole.
- For doors: 1 3/8" to 2 1/8"
- B3 finish.



1-WAY VIEWER
- 120 degree (1/2" hole).
- **#700** - doors 1 3/8" to 2 1/16"
- **#701** - doors 2 1/8" to 2 5/8"
- Finishes: B4, B26D

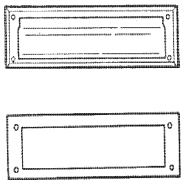
IVES DOOR SLOTS

IVES DOOR SLOTS

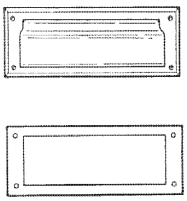


MAIL SLOT SLEEVES
- **#600** - with 626 plate.
- **#601** - with 620 plate.
- For 1 3/4" doors.
- Stainless Steel

DOOR ACCESSORIES



620
MAGAZINE SLOT
- Spring loaded.
- 11" x 2 " opening.
- Finishes: B3, B10, B26D, PA28



626
LETTER SLOT
- Spring loaded.
- 7" x 1 1/2" opening.
- Finishes: B3, B5, B26D, PA28

SLIDE-CO. DOOR PULLS



#15567-
DOOR PULL & KEYED LOCKING UNIT
-A Gray Pull
-B Bronze Pull
Carded

#14664
LOW PROFILE HANDLE SET
- Aluminum Standard
-B for Black option

#14416
FLUSH HANDLE WITH 4 HOOK ASST

#14420
COMPLETE CHROME HANDLE SET

#15910
BLACK LATCH / HANDLE SET
No Cylinder

SLIDE-CO MFG SLIDING DOOR LOCKS

#1599SLID
WINDOW/SLIDING DOOR LOCK
- Satin Aluminum
- Carded

MISC DOOR HARDWARE/ACCESSORIES

#15611
LARGE DOOR PIN
- Slip Proof

#CD1064
BI-FOLD DOOR LOCK
- US3
- Carded

#CD1068
WARDROBE DOOR LOCK
- US3
- Carded

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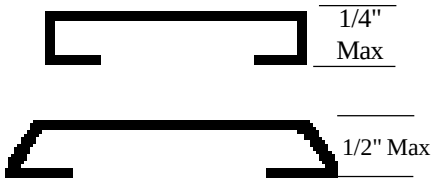


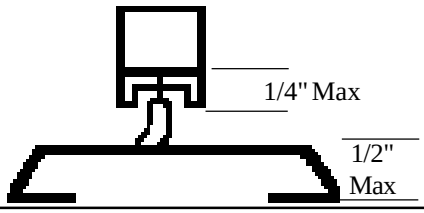
THRESHOLDS

THRESHOLDS
ADAAG Section 4.13.8

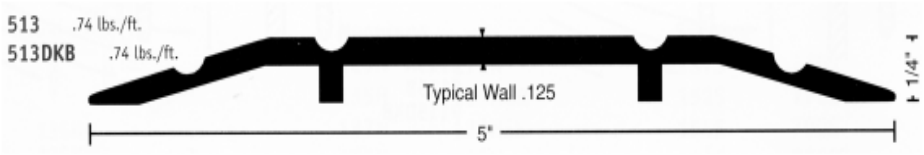
Maximum threshold height is 1/2"; (3/4" at exterior sliding doors).

- Raised thresholds and floor level changes shall be beveled with a slope no greater than 1:2.
- **Alterations/Existing Conditions:** If existing thresholds are 3/4" high(maximum), and have (or been modified to have) a beveled edge on each side, they may remain.





513
SADDLE THRESHOLD (1/4")





424
SADDLE THRESHOLD

- 4"width x 1/2" height.
- Aluminum finish.
- Sizes: 36", 48", 60" & 72".



425
SADDLE THRESHOLD

- 5" width x 1/2" height.
- Aluminum finish.
- Sizes: 36", 48", 60" & 72".



426
SADDLE THRESHOLD

- 6" width x 1/2" height.
- Aluminum finish.
- Sizes: 36", 48", 60" & 72".



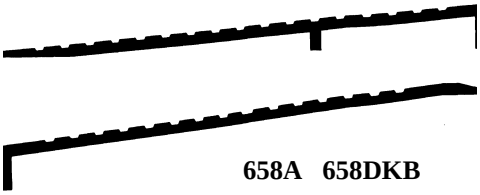
PANIC TYPE THRESHOLD

- **#804** (1/2" h.), (7/8" OAH) x 5" width.
- **#803** (5/8" h.), (1" OAH) x 5" width.
- Aluminum finish.
- Sizes: 36", 48", 60" & 72".

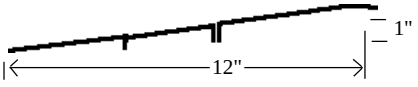
RAMPS



657A 657DKB



658A 658DKB



RUBBER RAMPS

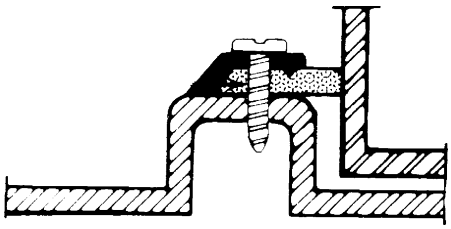
- A solid fire retardant rubber ramp that complies with ADA standards and is easily installed indoor or outdoors.
- Comes in a standard width of 39" with a traffic direction of 6" or 12". Ramp heights are adjustable by cutting the running width.
- 45 degree beveled edges on left and right of width.
- To provide a stronger attachment, use silicone adhesive, anchor bolts or screws, alone or in conjunction with one another.

- **RR06**
  7/8" thick x 39" wide x 6" traffic direction accomodates threshold rises up to 1-1/8".
- **RR12**
  1-1/4" thick x 39" wide x 12" traffic direction accomodates threshold rises up to 1-1/2".

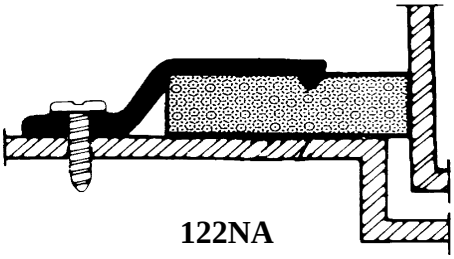
ALUMINUM RAMPS

- These thresholds have less than 1/4" vertical rise.
- Bevelled rise slope no greater than 1:2 up to 1/2".
- Aluminum mill finish and dark bronze anodized aluminum.

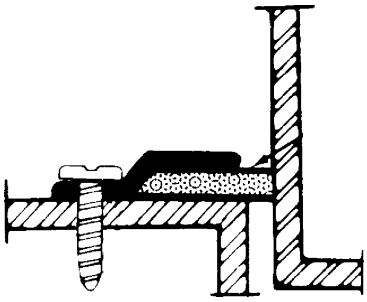
- **657** - 1/2" x 6"
- **658** - 1" x 6"



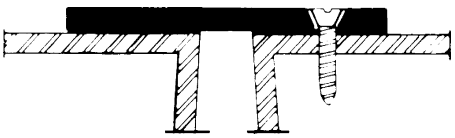
110N
JAMB / WEATHERSTRIP
- Finishes: Aluminum and Dark Bronze.
- Sponge neoprene sweep.
- Sizes: (36", 48", 72") x 84"



122NA
WEATHERSTRIP
- Aluminum finish.
- 3/8" sponge neoprene sweep.
- 36" x 84"

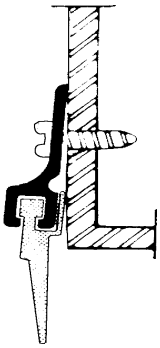


127NA
JAMB / WEATHERSTRIP
- Aluminum finish.
- Sponge neoprene sweep.
- Sizes: (36", 48", 72") x 84"

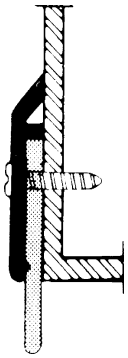


139
ASTRAGAL
- 2" x 1/8"
- Dark Bronze or Primed Steel finishes

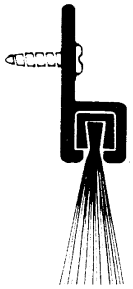
COMMERCIAL WEATHERSTRIPPING



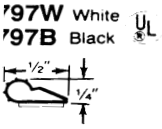
101VA
MEETING STILE
- Aluminum finish.
- 84"

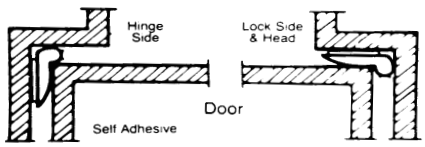


200N
DOOR BOTTOM
- Finishes: Aluminum and Dark Bronze.
- Neoprene sweep.
- Sizes: 30", 36" & 48".

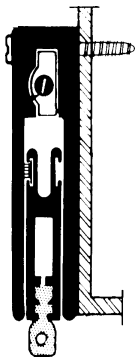


D608
DOOR BOTTOM
- Nylon brush sweep.
- .94" brush height.
- Finishes: Aluminum and Dark Bronze.
- Sizes: 36" & 48".

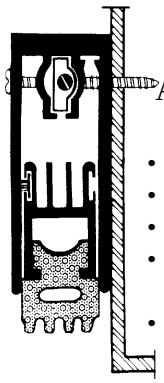




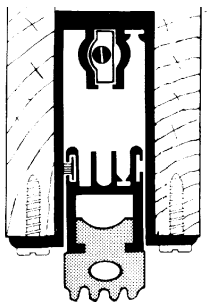
5050
SMOKE SEAL
- Self Adhesive
- 1/2" width; 1/4" height
- Charcoal or White
- ANSI/BHMA Certified



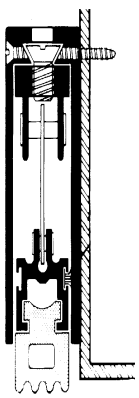
222N
AUTOMATIC DOOR BOTTOM
- 36"
- Aluminum finish.
- Sponge neoprene sweep.
- Adjustable. **NEW, Lower Closing Force!**
- Can be trimmed up to 4".



420NA
AUTOMATIC DOOR BOTTOM
- 36"
- Aluminum
- Sponge neoprene sweep.
- Adjustable. **NEW, Lower Closing Force!**
- Can be trimmed up to 4".



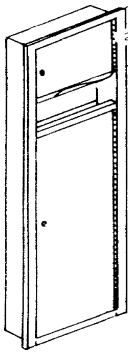
422N
MORTISED AUTO DOOR BOTTOM
- 36"
- Aluminum finish.
- Sponge neoprene sweep.
- Adjustable. **NEW, Lower Closing Force!**
- Can be trimmed up to 4".



680
AUTOMATIC DOOR BOTTOM.
- Call for sizes and finishes.
- Provides positive sound control. (46-STC rating.)
- Surface mounted.
- Patented design combines low operating force with an adjustable sealing bar.

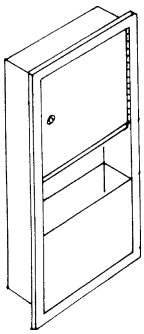
NOTES

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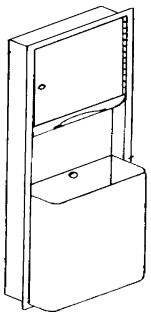
0462-AC TOWEL DISPENSER/ WASTE RECEPTACLE

- Can be recessed or semi-recessed.
- 22 ga. stainless steel with all exposed surfaces in satin finish.
- Overall dimensions: 14"W x 58 3/4" H x 4" D



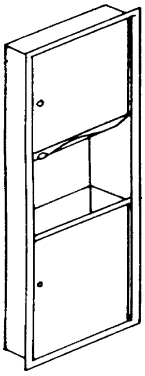
0462-AD TOWEL DISPENSER/ WASTE RECEPTACLE

- Recessed installation.
- 22 ga. stainless steel with all exposed surfaces in satin finish.
- Overall dimensions: 14" W x 28" H x 4" D



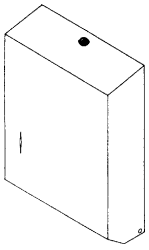
0469 TOWEL DISPENSER/ WASTE RECEPTACLE

- Recessed installation.
- 22 ga. stainless steel w/ all exposed surfaces-satin finish.
- Overall dimensions: 17 1/8" W x 56" H x 8 3/4"D
- Removable waste container.



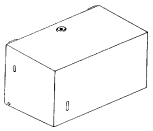
0462-AC TOWEL DISPENSER/ WASTE RECEPTACLE

- Recessed installation.
- 22 ga. stainless steel with exposed surfaces in satin finish.
- Overall dimensions: 17 1/8" W x 56" H x 4" D
- Leak proof molded plastic insert for waste receptacle.



TOWEL DISPENSER

- Surface mounted.
- **#210-15** is 22 ga. stainless steel in satin finish.
- **#200-33** is 20 ga. steel with white enamel finish.
- Both are approximately 15" W. x 15" H. x 4" D.



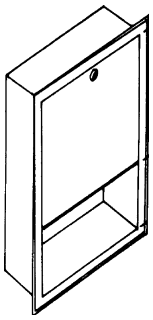
245-SS TOWEL DISPENSER

- Surface mounted.
- For single fold towels.
- 22 ga. stainless steel w/ satin finish.
- Overall dimensions: 11" W x 8" H x 6" D



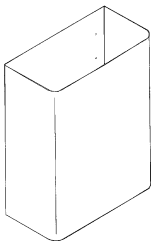
215 TOWEL DISPENSER

- Surface mounted.
- Multi, or single fold towels.
- 22 ga. stainless steel w/ satin finish
- Overall dimensions: 11" W x 8" H x 4" D



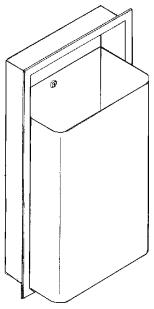
457 TOWEL DISPENSER

- Recessed installation.
- 22 ga. stainless steel with all exposed surfaces in satin finish.
- Overall dimensions: 12 3/4" W x 17 1/8" H x 4"D



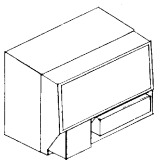
WASTE RECEPTACLE

- **#826** has 16.5 gal. capacity.
- **#828** has 6.5 ga. capacity.
- Both units are 22 ga. stainless steel in satin finish.
- Both units surface mounted.



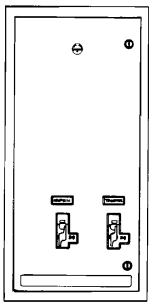
458 WASTE RECEPTACLE

- Recessed.
- 22 ga. stainless steel with all exposed surfaces in satin finish.
- Removable receptacle.
- Overall dimensions: 17 1/8" x 30 5/8" x 8 3/4"



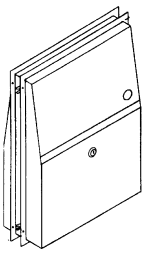
110-91 HAND DRYER

- Surface mounted.
- Chrome plated.
- 2000 watt.
- 30 sec. timer.
- Overall dimensions: 10 7/8" W x 10 3/8" H. x 7" D.



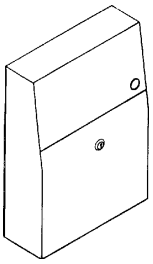
NAPKIN / TAMPON DISPENSER

- **#464** is recessed or semi-recessed.
- **#864** is surface mounted.
- Both units are 22 ga. stainless steel with satin finish.
- Specify a $.10, $.25 or $.50 coin box.



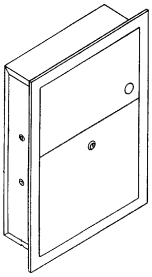
472-1 NAPKIN DISPOSAL

- Partition mounted to serve two toilet compartments.
- 22 ga. stainless steel w/ satin finish.
- Overall dimensions: 12 3/4" W x 17 1/8" H x 4" D



473-1A NAPKIN DISPOSAL

- Surface mounted.
- 22 ga. stainless steel with satin finish.
- Overall dimensions: 10 3/4" W x 15 1/8" H x 4"D



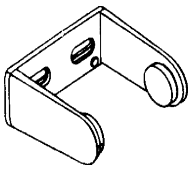
473-1 NAPKIN DISPOSAL

- Recessed.
- 22 ga. stainless steel with satin finish.
- Overall dimensions: 12-3/4" W x 17-1/8" H x 4" D



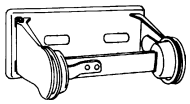
852 NAPKIN DISPOSAL

- Surface mounted.
- 22 ga. stainless steel with satin finish.
- Liner removed from bottom.
- Overall dimensions: 8" W x 11 1/4" H x 4 1/8 D



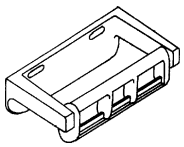
TOILET TISSUE DISPENSER

- Surface mounted.
- Chrome plated.
- **#8010** - 1 roll capacity.
- **#8032**- 2 roll capacity.
- Controlled delivery.



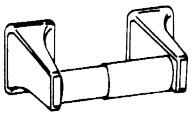
TOILET TISSUE DISPENSER

- Surface mounted.
- Chrome plated.
- **#710** - 1 roll capacity.
- **#715** - 2 roll capacity.
- Controlled delivery.



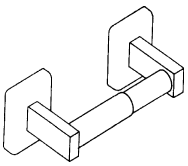
TOILET TISSUE DISPENSER

- Surface mounted.
- Die cast aluminum with polystyrene spindle.
- **#263-1** has 1 roll capacity
- **#264-1** has 2 roll capacity
- Controlled delivery - rocking action.
- Suffix (**-50**) will designate non-controlled delivery.



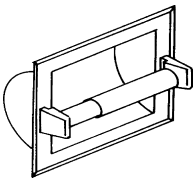
705-Z TOILET TISSUE DISPENSER

- Surface mounted.
- Die cast zinc; chrome plated.
- Single roll capacity.
- Chrome plated brass spindle.
- Non-controlled delivery



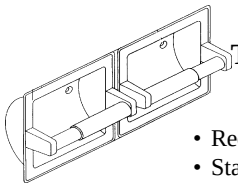
TOILET TISSUE DISPENSER

- Surface mounted.
- **#7305-S**- 22 ga. stainless steel w/ satin finish.
- **#5085** is bright polished
- Non-controlled delivery.



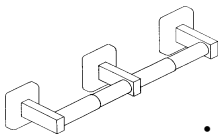
#7402 TOILET TISSUE DISPENSER

- Recessed.
- Single roll capacity.
- Non-controlled delivery
- Specify drywall or wetwall



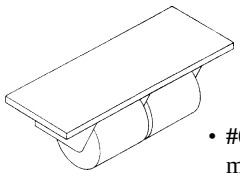
DUAL ROLL TOILET TISSUE DISPENSER

- Recessed.
- Stainless steel w/ exposed surfaces in satin finish.
- Two roll capacity.
- Non-controlled delivery.



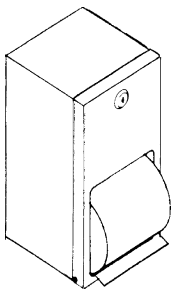
DUAL ROLL TOILET TISSUE DISPENSER

- Surface mounted.
- **#7305-2S** - satin stainless steel.
- **#7305-2B** - bright polish.
- Chrome plated brass spindles.
- Non-controlled delivery.



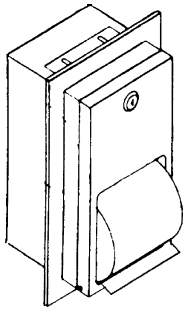
DUAL TOILET TISSUE DISPENSER

- **#697-GAL** - surface mounted with shelf.
- **#697-GA** is surface mounted with shelf and flip ashtray.
- 18 ga. stainless steel with satin finish.
- Two roll capacity.
- 16" W. x 4" H. x 6" D.



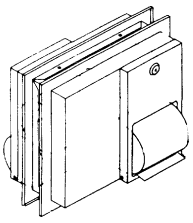
30 TOILET TISSUE DISPENSER

- Surface mounted.
- 22 ga. stainless steel with satin finish.
- Two roll capacity. One roll is used at a time.
- 5-9/16" x 10-3/8" x 5-5/16"



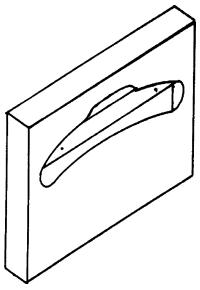
31 TOILET TISSUE DISPENSER

- Recessed.
- 22 ga. stainless steel with exposed surfaces in satin finish.
- Two roll capacity. 1 roll used at a time.
- 7-9/16"x 12-3/8"x 5-5/16"



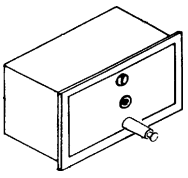
32 TOILET TISSUE DISPENSER

- Partition mounted to serve two toilet compartments.
- Each side has a two roll capacity. One roll used at a time.
- 22 ga. stainless steel with satin finish.
- Polyethylene spindles.
- Overall dimensions: 13-1/32"W x 12-3/8"H x 5-23/32" D



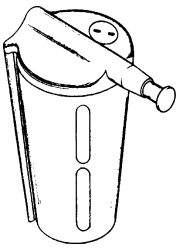
477-SM SEAT COVER DISPENSER

- Surface mounted.
- 22 ga. stainless steel with satin finish.
- 250 count capacity.
- 15 3/4" W x 11" H x 2" D



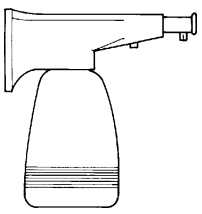
326 SOAP DISPENSER

- Recessed.
- 22 ga. stainless steel with exposed surfaces in satin finish.
- Holds 40 oz. of liquid soap.
- 10" W. x 6" H. x 4" D.



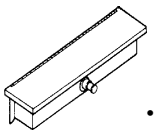
351 SOAP DISPENSER

- Surface mounted.
- Container holds 12 oz. of liquid soap.
- Chrome plated brass case



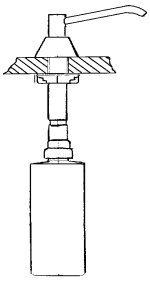
350 SOAP DISPENSER

- Surface mounted.
- Translucent polyethylene globe holds 16 oz. of liquid soap.
- Valve housing is die cast brass, polished chrome finish.
- Pump valve.



315
SOAP DISPENSER

- Surface mounted.
- Shelf style dispenser holds 80 oz. of liquid soap.
- Unit has single soap valve.
- 20 ga. stainless steel with satin finish.
- Overall dimensions: 17-1/2"W x 3-1/4"H x 5-1/4"D



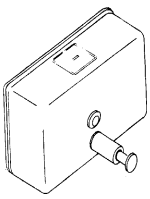
332-C
SOAP DISPENSER

- Available with 32 oz. Plastic globe or 16oz Metal globe
- Lavatory mounted.
- 1" diameter hole needed in lavatory top.
- 4" spout.



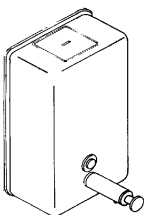
371
SOAP DISPENSER

- Surface mounted.
- Push-up type soap valve.
- Holds 16 oz. of liquid soap.
- Chrome plated bracket.



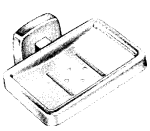
342
SOAP DISPENSER

- Surface mounted.
- Horizontal tank holds 40 oz. of liquid soap.
- 20 ga. stainless steel with satin finish.
- Overall dimensions: 8 1/8" W. x 4 3/4" H. x 3" D



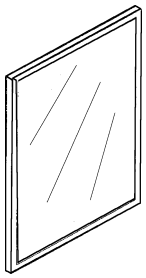
343
SOAP DISPENSER

- Surface mounted.
- Vertical tank holds 40 oz. of liquid soap.
- 20 ga. stainless steel with satin finish.
- Overall dimensions: 4 3/4" W. x 8 1/8" H. x 3" D.



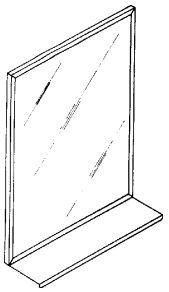
SOAP DISH

- **#7320-S -** stainless steel (satin).
- **#7320-B -** stainless steel (bright).
- Surface mounted.



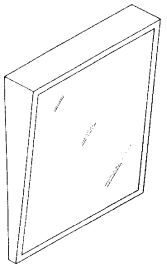
620-A
MIRRORS

- 18 ga stainless steel.
- Frame has bright annealed finish
- Variety of sizes available
- 1/4" tempered glass mirror available in lieu of polished float glass mirror



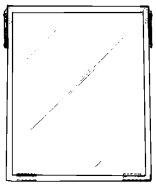
625-A
MIRROR / SHELF

- 18 ga. stainless steel
- bright annealed finish.
- Concealed mounting brackets.
- Shelf size: 5-1/2" x width of mirror.
- Sizes: 18" x {24, 30, 36}"
  24" x {30, 36}"
  40" x 36"



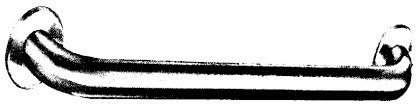
535
TILT MIRROR

- 18 ga. stainless steel with welded corners
- satin finish.
- Concealed mounting brackets.
- Sizes: 16" x {24,30}";
  18" x {24, 30, 36}";
  24" x 36"



TILT MIRROR

- 18 ga. stainless steel with welded corners and a satin finish.
- Adjustable tilt.
- Sizes: 16" x {24,30}"; 18" x {24, 30, 36}"; 24" x {30, 36}"



3800
GRAB BAR

- 18 ga stainless steel satin fin.
- 1 1/2" O. D.
- Concealed mounting.
- Available lengths: 12", 18", 24", 30", 36", 42" and 48".

3500
GRAB BAR

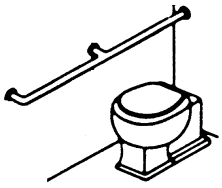
- 18 ga stainless steel satin fin.
- 1 1/2" O. D.
- Exposed mounting brackets.
- Available lengths: 18", 24", 30", 36", 42" and 48".

3400
GRAB BARS

- 18 ga. stainless steel with satin finish.
- 1 1/4" O. D.
- Exposed mounting brackets.
- Available lengths: 24", 30", 36", 42" & 48".

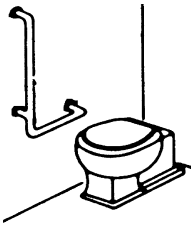
GRAB BAR

- Same as #3800 except has a **safety-grip** finish.
- Available lengths: 24", 30", 36", 42" & 48".



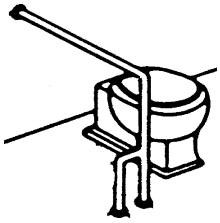
GRAB BAR APPLICATION

- **#3824-52** (concealed brackets) x 52".
- **#3524-52** (exposed brackets.) x 52".



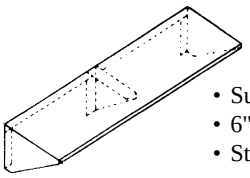
#3204 GRAB BAR APPLICATIONS

- Specify handing.
- Dim: 16"H x 32"V



3233 GRAB BAR APPLICATIONS

- Specify handing.
- Dim: 30" H x 33" V



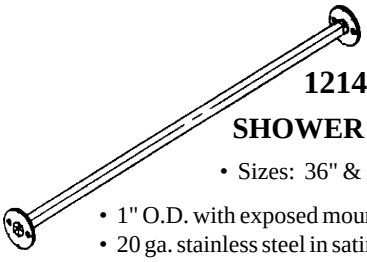
692-6
SHELF

- Surface mounted.
- 6" x 18"
- Stainless steel (satin).



698
SHELF

- Surface mounted.
- Fold-down. Holds up to 150 pounds.
- Die cast (chrome plated.)
- 14 7/8" Shelf automatically returns to upright position after use.

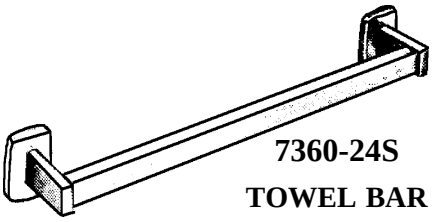


1214
SHOWER ROD

- Sizes: 36" & 60"
- 1" O.D. with exposed mounting.
- 20 ga. stainless steel in satin finish.

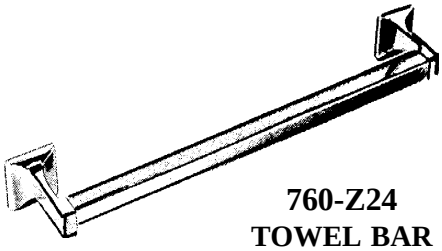
SHOWER CURTAINS & ACCESSORIES

- **#1200** vinyl curtains in sizes: 48"x 72" & 72" x 72".
- Flanges and hooks available for this series.



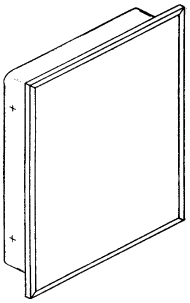
7360-24S
TOWEL BAR

- 3/4" square tubing in stainless steel (satin).
- Surface mounted. 24" bar



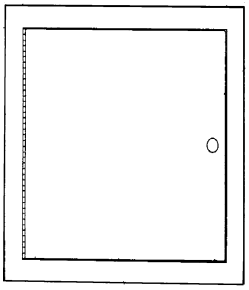
760-Z24
TOWEL BAR

- 3/4" square tubing in die cast (polished chrome).
- Surface mounted. (3" projection.)
- 24" bar



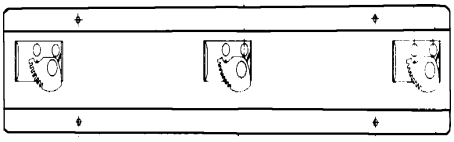
MEDICINE CABINETS

- **#8338** is surface mounted with 2 removable shelves.
- **#8337** is recessed with 3 adjustable shelves.
- Reversible doors.



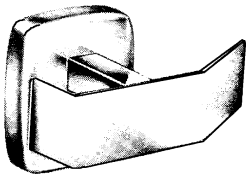
8154
PASS-THRU CABINET

- 22 ga. stainless steel in satin finish.
- Rough opening: 11 5/8" W. x 10 7/8" H.
- Adjusts to wall thickness: 3 1/2" to 5 1/2".
- Only one door can be opened at a time.
- Removable tray.



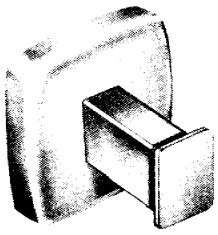
MOP & BROOM HOLDER

- **#8215-3** (24" x 3 holders).
- **#8215-4** (36" x 4 holders).
- Stainless steel with satin finish.
- Surface mounted.
- 36" with 3 hooks and 4 holders.
- Stainless steel with satin finish.
- Surface mounted.
- 1/4" drying rod.



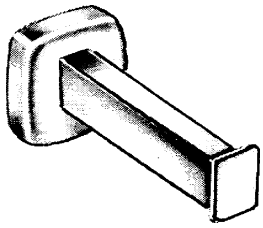
DOUBLE ROBE HOOK

- **#7345-S** stainless steel (satin).
- **#7345-B** stainless steel (bright).
- Surface mounted with a 2" projection.



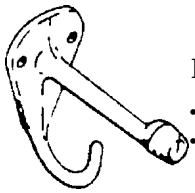
SINGLE ROBE HOOK

- **#7340-S** stainless steel (satin).
- **#7340-B** stainless steel (bright).
- Surface mounted with a 2" projection.



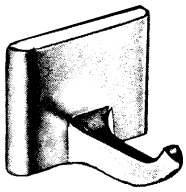
TOWEL HOOK

- **#7301-S** stainless steel (satin).
- **#7301-B** stainless steel (bright).
- Surface mounted with 4-1/8" projection.



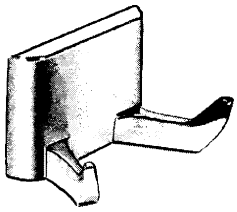
714
HOOK & BUMPER

- Chrome plated brass.
- Surface mounted.



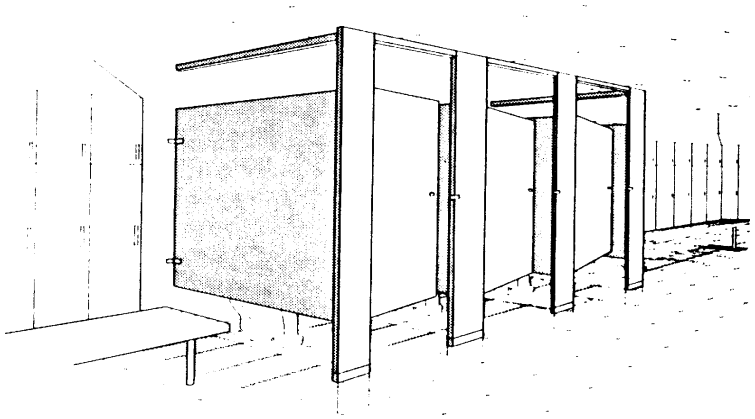
740-Z
SINGLE ROBE HOOK

- Surface mounted.
- Die cast, polished chrome.
- 1 5/8" projection.



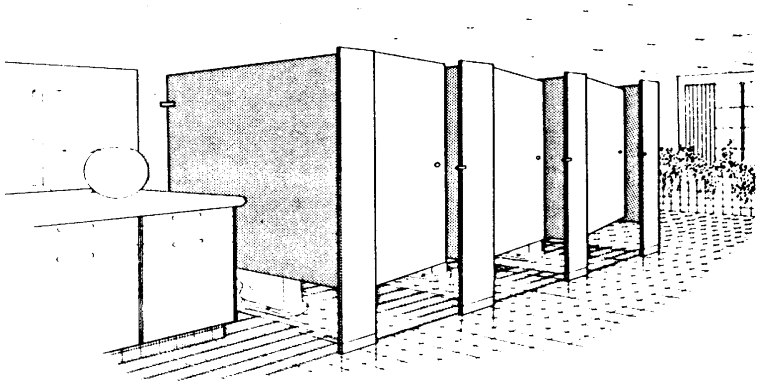
745-Z
DOUBLE ROBE HOOK

- Surface mounted with 1 5/8" projection.
- Die cast (chrome plated.)



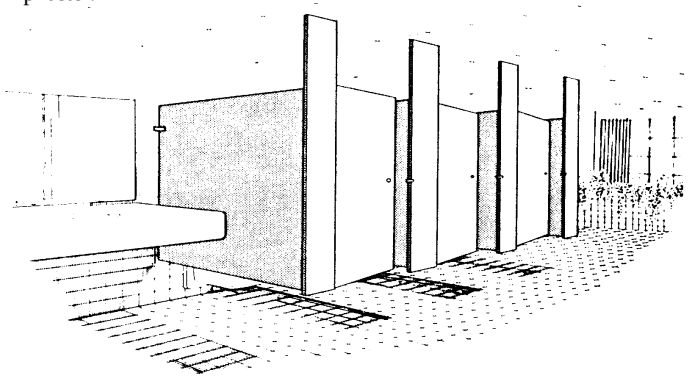
HEADRAIL BRACED TOILET COMPARTMENTS

- **Headrail** - Securely attached to wall and pilasters with manufacturer's fittings in such a way as to make a strong and rigid installation. All joints in headrails shall be made at pilaster.
- **Pilaster Fastening** - Pilasters shall be securely and rigidly fastened to the floor and fitted with a jack levelling screw for vertical adjustment.



FLOOR MOUNTED TOILET COMPARTMENTS

- **Floor** - Floors, preferably concrete, shouldnot be less than 5" thick for rigidity and anchorage.
- **Pilaster Fastening** - Pilasters shall be securely and rigidly fastened to the floor using 3/4" expansion shields with spacer and nuts for levelling of pilaster.



CEILING-HUNG TOILET COMPARTMENTS

- **Installation** - Pilasters shall be rigidly fastened to structural steel supporting member by means of two heavy hanging studs permitting vertical adjustment between bottom of supporting member and finished ceiling line.
- **Note** - Specifications and/or pricing does not include the supplying, installing, drilling or tapping of any of the structural members required in support of these units.

TOILET PARTITIONS

- All partitions have welded construction on perimeters and corners.
- Construction: Stainless Steel, Phenolic, Plastic Laminate or Baked Enamel.
- Steel is galvanized and bonderized with zinc coating.
- Finished by electostatic painting system.
- All hardware is chrome plated.
- All parts are pre-drilled.

MOUNTING OPTIONS

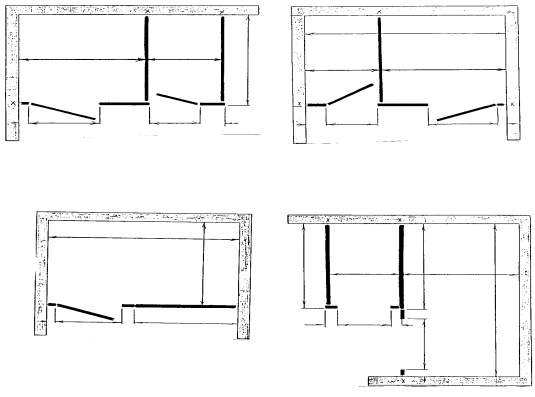
- **Headrail braced**: For easy, economical installations. Does not require any special floor construction and can be used in old or new buildings.
- **Ceiling hung**: Designed for rigidity and ease of installation. Unobstructed floor area simplifies cleaning and reduces the cost of maintenance.
- **Floor supported**: Exhibits the same functional lines as the ceiling hung partitions with the absence of top structure.

HANDICAPPED COMPARTMENTS

- Extra wide doors and reinforced hardware can be specified for easy accessibility.

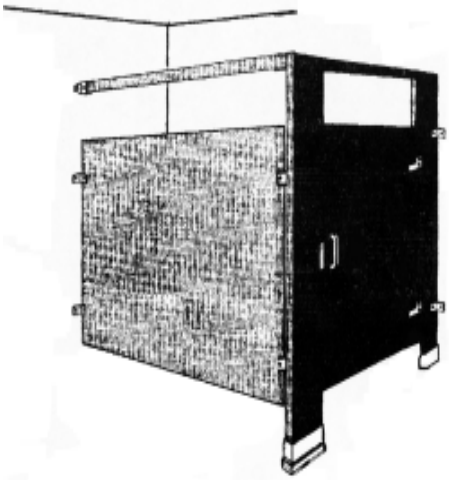
EXAMPLE FLOOR PLANS

Use of drawings, like those shown, insure proper quoting and expert installation results.



TO ORDER:

- All units are special ordered. Call with your specifications. Normal delivery time is 3-4 weeks.



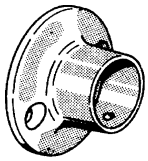


6660
END PLUG
- For 1-1/2" x 1" rectangular tubing.
- Chrome plated Zamak.

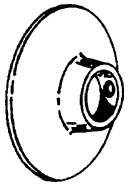


6670
END PLUG
- For 1-1/2" x 1" Anti-Grip tubing.
- Chrome plated Zamak.

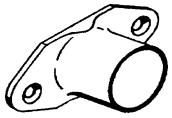
Part Number	Description
Chrome Pltd Zamak	Headrail End Plugs
6660	
6662	Aluminum Paint
6665	Gray Plastic
6670	Anti-Grip
6672	Aluminum Paint
6675	Gray Plastic
6680	
6650	7/8" x 1-3/4"
6725	Plastic
6735	1-1/4"



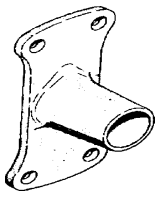
6140
END FLANGE
- For 1" OD tubing
- Chrome pltd Zamak



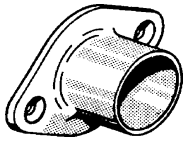
6210
SHOWER ARM EXTENSION FLANGE
- For 1/2" pipe.
- Drilled and tapped for set screw.



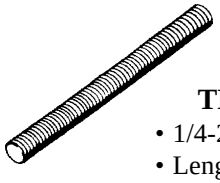
6220
END FLANGE
- For 1" round tubing, chrome pltd. Zamak.
- Used for curtain rods.



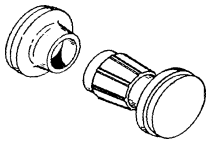
6230
JUMBO END FLANGE
- For 1" tubing• Drilled and tapped for set screw.



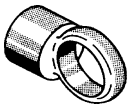
6240
FLANGE POLE SOCKET
- For 1" tube.
- 2 piece, chrome plated Zamak.



20
THREADED ROD
- 1/4-20 thread size.
- Length: 18", 24", 30" & 36"
- Finish: zinc or chrome plated



6260
ROD HOLDER
- For 1" rod.
- Adjustable



6130
"D" BAR LOOP
- For 1" tubing.



4000
BUMPER HOOK
- Chrome plated Zamak.



4260
BUMPER HOOK
- Chrome plated Zamak.



4120
DOOR STOP
- Chrome plated Zamak.



PULL
- **#5420** - 4" centers
- 10/24 tapped holes
- Chrome plated Zamak



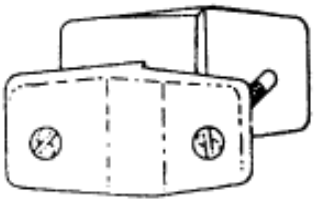
6200
PULL
- 2-3/4" centers. 8/32 tapped holes
- Chrome plated Zamak



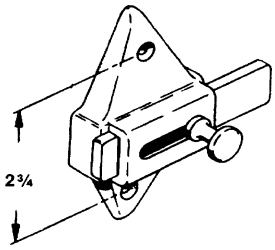
6281
CURTAIN HANGER
- With nylon rollers for 1-1/2" x 1" rectangular tubing.
- Chrome plated brass.



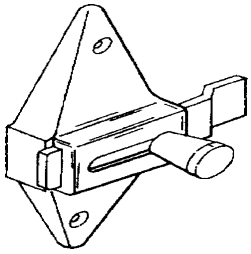
ALCOVE CLIPS
- **#1550**: A=1"; B=1-1/4"
- Chrome plated Zamak.



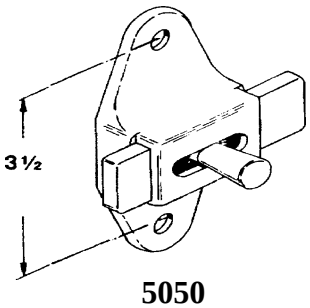
ALCOVE CLIPS
- For plastic laminate or marble partitions (used to join panel to plaster, edge to edge). 4 per panel. Screws are extra.
- **#8340**-Plastic laminate
- **#8350**-B=1-1/4")
- Chrome plated Zamak.



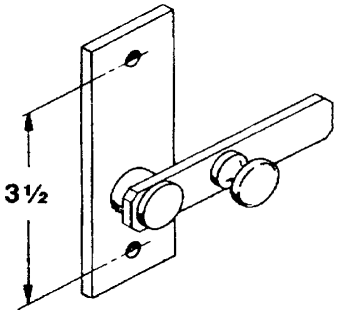
5020
SLIDE LATCH
- Surface mounted
- Zamak finish



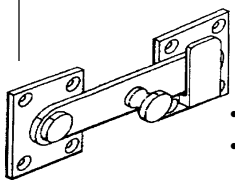
5030
SLIDE LATCH
- Surface mounted, with offset bar
- Zamak finish



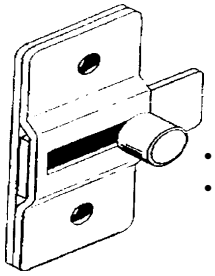
5050
SLIDE LATCH
- Surface mounted
- Zamak finish



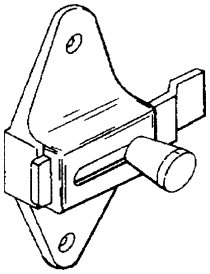
5151
THROW LATCH
- Surface mounted
- Brass plated Zamak



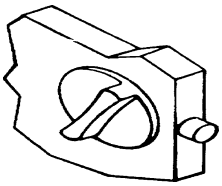
5701
LATCH & KEEPER
- Heavy duty throw.
- Brass



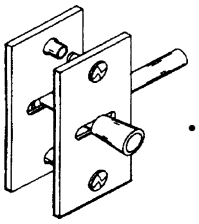
6309
SLIDE LATCH
- Surface mounted
- Stamped stainless steel



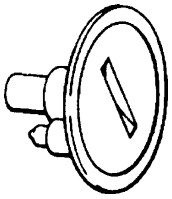
SLIDE LATCH
- **#5060** - Surface mount, offset bar.
- Zamak finish.



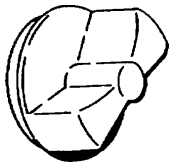
CONCEALED LATCH
- **#5080** - for 1" laminate doors, w/round, straight bars.
- **#5190** - for 1" steel doors, w/round bar
- With emergency entrance feature.
- Zamak finish



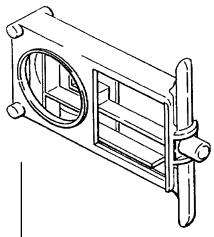
7909
SLIDE LATCH CONVERSION KIT
- Conversion kit for #5080 concealed latch.



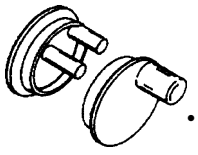
1380
MALE KNOB
- Used with #1390 female knob.
- Used on #6616 door lock.
- Zamak finish



1390
FEMALE KNOB
- Used with #1380 male knob.
- Used on #6616 door lock.
- Zamak finish

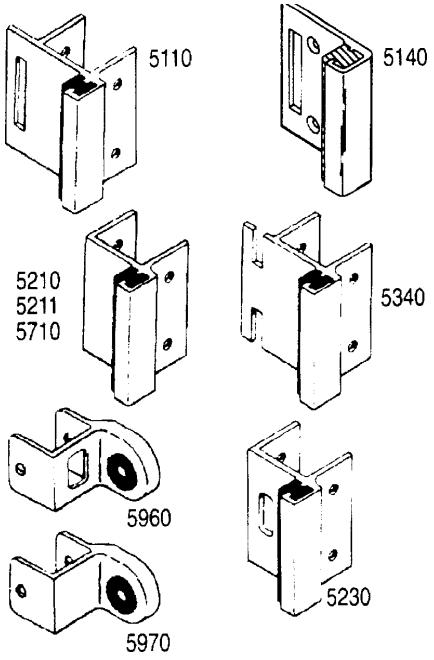


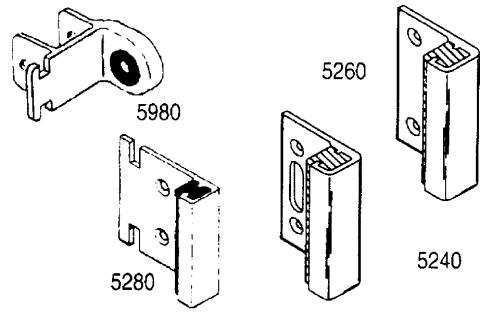
6616
CONCEALED DOOR LOCK
- For use on inside metal doors.
- Unplated Zamak

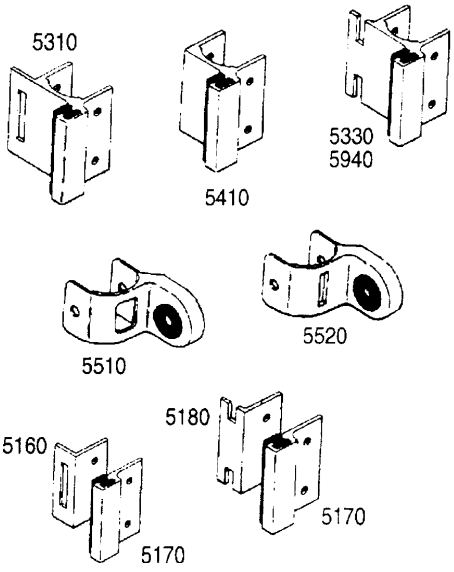


ADA LATCHES
- **#6080** - Concealed latch with straight bar.
- **#6190** - Concealed latch with round bar.

STRIKES and KEEPERS
Zamak finish

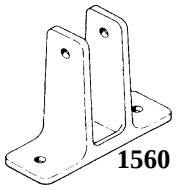


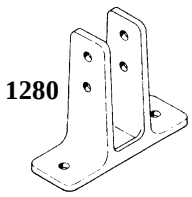


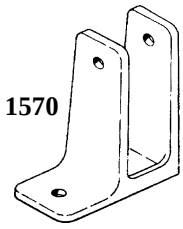


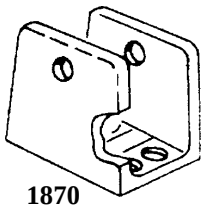
Part#	Description
5110	Inswing
5140	Inswing, flat
5160	Surface latch
5170	Strike for latch
5180	Keeper for throw latch
5210	Outswing
5220	For concealed latch
5230	For concealed latch
5240	For concealed latch, flat
5260	Outswing, flat
5280	Flat for throw latch
5310	Inswing
5320	Concealed latch
5330	Throw latch
5340	Throw, special
5370	Flat, T-slot
5380	1-1/8" strike for door
5390	1-1/8" keeper for slide latch
5410	Outswing
5430	Concealed latch
5510	Concealed latch
5520	Concld latch, flat bar
5570	Outswing, metal
5580	Inswing, metal
5590	Concealed latch
5610	Inswing, 1-1/8"
5680	2 pc. set (5160/5170)
5710	Outswing, 1-1/8"
5840	Concealed latch, 1-1/4" door
5960	Concld latch, laminate
5970	Outswing, laminate
5980	Emerg Ent, laminate

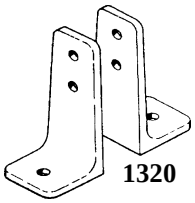
PARTITION BRACKETS

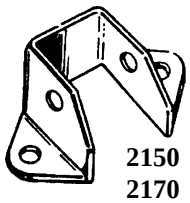

1560

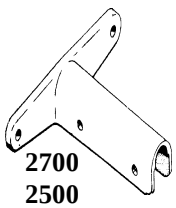

1280


1570


1870


1320


2150
2170


2700
2500

TWO EAR WALL BRACKETS		
Part #	Panel Size	Bracket Height
1560	1/2"	2.5"
1620	3/4"	2.5"
1630	7/8"	2.5"
1750	1"	2.5"
1260	1" ex lg	3.5"
1830	1-1/4"	2.5"
1810	1-1/4" mini	1.7"
1300	1-1/4" ex lg	3.5"

ONE EAR WALL BRACKETS		
Part #	Panel Size	Bracket Height
1570	1/2"	2.5"
1640	3/4"	2.5"
1650	7/8"	2.5"
1760	1"	2.5"
1270	1" ex lg	3.5"
1820	1-1/8"	2.5"
1840	1-1/4"	2.5"
1850	1-1/4" mini	1.7"
1310	1-1/4" ex lg	3.5"

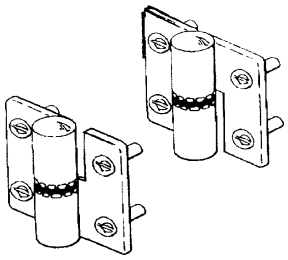
U BRACKETS		
Part #	Panel Size	Bracket Height
1870	1/2"	1.3"
1890	3/4"	1.3"
1900	7/8"	1.3"
1910	1"	1.3"
1920	1" ex lg	2.5"
1940	1-1/4"	1.3"
1950	1-1/4" ex lg	2.5"

TWO PIECE BRACKETS		
Part #	Desc.	Bracket Height
1320	Extra Long	3.5"
1580	Mini	1.7"
1860	Standard	2.5"

HEADRAIL BRACKETS		
Part #	Panel Size	Bracket Height
1320	Any	3.5"
1860	Any	2.5"
2150	1.25"	1.0"
2170	1.43"	1.0"

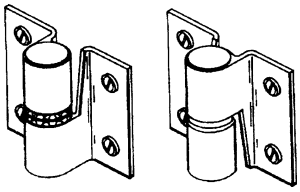
URINAL SCREEN BRACKETS		
Part #	Screen Size	Bracket Height
2700	1"	12.0"
2500	1-1/4"	6.0"

HINGES



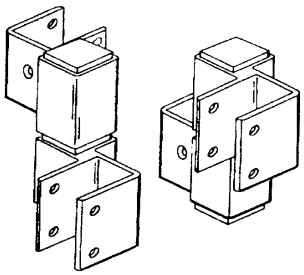
SURFACE MOUNTED HINGES

- **#7011** - RH, brass
- **#7021** - LH, brass
- **#7033** - RH, stamped stainless steel
- **#7043** - LH, stamped stainless steel



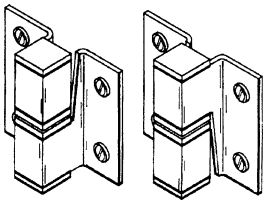
SURFACE MOUNTED HINGES
Heavy Duty

- **#7113** - RH, S/S, round cnr
- **#7123** - LH, S/S, round cnr



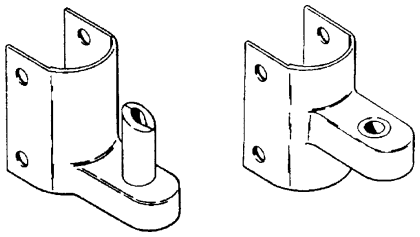
ALUM SURFACE MOUNTED HINGES

- **#7234** - RH
- **#7244** - LH



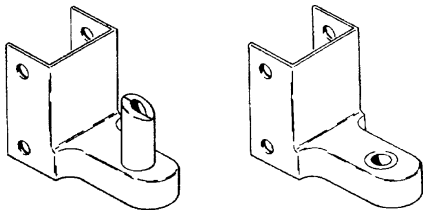
SURFACE MOUNTED HINGES
Heavy Duty

- **#7413** - RH, cast S/S, square corner
- **#7423** - LH, cast S/S, square corner



STEEL PARTITION HINGE BRACKETS

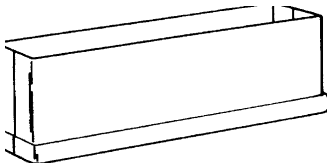
- For 1-1/4" thick pilaster
- Chrome plated Zamak
- For steel partitions
- **#3010**-Bottom; **#3510**-Top



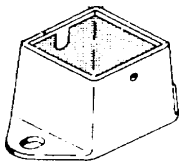
LAMINATE OR MARBLE PARTITION HINGE BRACKETS

- Chrome plated Zamak
- For plastic laminate or marble partitions
- Specify Top or Bottom

PILASTER SHOES & ANCHORING DEVICES



PILASTER PART NUMBER	DESCRIPTION				
	PILASTER THICKNESS				SHOE
	1/2"	1.0"	1-1/8"	1-1/4"	SIZE
	36029	34029	33029	32029	2"
	36039	34039	33039	32039	3"
	36049	34049	33049	32049	4"
	36059	34059	33059	32059	5"
	36069	34069	33069	32069	6"
	36079	34079	33079	32079	7"
	36089	34089	33089	32089	8"
	36109	34109	33109	32109	10"
	36129	34129	33129	32129	12"
	36149	34149	33149	32149	14"
	36189	34189	33189	32189	18"
	36249	34249	33249	32249	24"

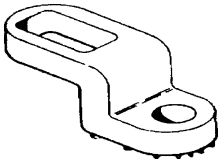


3040
FLOOR SHOE

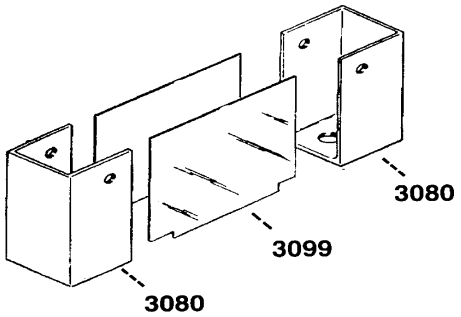
- For 1-3/4" x 1-3/4" post. Zamak finish.

6500
POST CAP

- 1-3/4". Chrome.



3106
PILASTER FOOT
Zamak



- **#3080** - Adjustable Pilaster Shoe For 1-1/4" pilasters. Zamak finish.
- **#3099** - Spacer Plate for 3080 shoe. 3" x 10" stainless steel.
- **#30810** - Includes two #3080 Zamak Pilaster shoes plus anchors, bolts and screws necessary to anchor 1 pilaster. #3099 3" x 10" stainless steel spacer plates optional and fits any size from 3" to 12". Longer spacer plates available upon request.

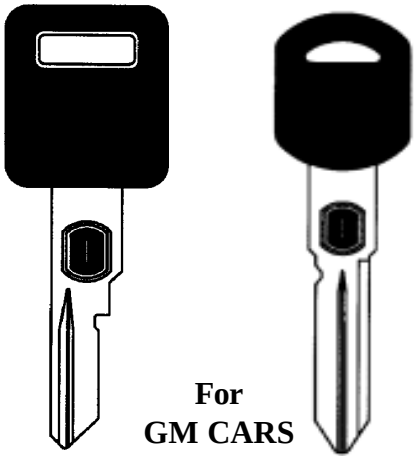
6515
POST PLUG

- 1-3/4". Black Plastic

A - 1 VATS KEYS

SINGLE SIDED

201	Single Side Vats Key #1
202	Single Side Vats Key #2
203	Single Side Vats Key #3
204	Single Side Vats Key #4
205	Single Side Vats Key #5
206	Single Side Vats Key #6
207	Single Side Vats Key #7
208	Single Side Vats Key #8
209	Single Side Vats Key #9
210	Single Side Vats Key #10
211	Single Side Vats Key #11
212	Single Side Vats Key #12
213	Single Side Vats Key #13
214	Single Side Vats Key #14
215	Single Side Vats Key #15



For GM CARS

DOUBLE SIDED

772	Double Side Vats Key #2
773	Double Side Vats Key #3
774	Double Side Vats Key #4
775	Double Side Vats Key #5
776	Double Side Vats Key #6
777	Double Side Vats Key #7
778	Double Side Vats Key #8
779	Double Side Vats Key #9
780	Double Side Vats Key #10
781	Double Side Vats Key #11
782	Double Side Vats Key #12
783	Double Side Vats Key #13
784	Double Side Vats Key #14
785	Double Side Vats Key #15

KEY BLANKS

ADAMS RITE KEY BLANKS

DOGGING KEYS

#29-0480	Metal Dogging Key
#29-0481	Metal Dogging Key
#25-0480	Plastic Dogging Key



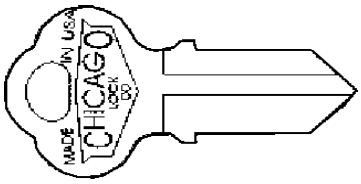
AMERICAN PADLOCKS KEY BLANKS



Top quality key blanks are machined to assure a perfect fit in American padlocks. Sold in boxes of 50 except where noted.

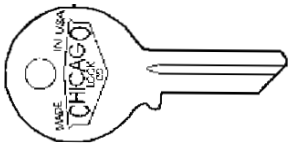
MODEL	DESCRIPTION
BKB	Brass, double bitted
CB2	Nickel plated brass for B20 brass padlock (vertical logo)
HTKB7	For American tubular cylinder 25 per box
LPKB4	Nickel plated brass for B30 brass padlock (horizontal logo)
MRXB	Brass with OEM headstyle
PTKB1	Brass for American 5-pin tumbler
PTKB2	Brass for American 6-pin tumbler cylinder padlock

CHICAGO LOCK KEY BLANKS

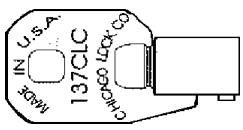


PART#	DESCRIPTION
DK-4-L	Off Center Left
DK-4	Center Groove
DK-4-R	Off Center Right
DK-4-W	"W" Milling
DK-2-W	"W" Milling
DK-2	Center Groove
DK-18	Thicker Blank
DK-P-12	5-Pin Tumbler
DK-103-G	6-Tumbler
DK-501	5-Tumbler
DK-502	5-Tumbler
DK-503	5-Tumbler
DK-504	5-Tumbler

Key blanks are packed 50 per box



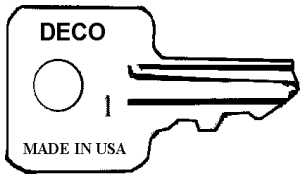
PART#	DESCRIPTION
DK-5	5-Tumbler
DK-9	5-Tumbler
DK-35	5-Tumbler
DK-35-M	5-Tumbler
DK-38	5-Tumbler
DK-39	5-Tumbler
DK-P-1	4-pin Tumbler
DK-P-2	4-pin Tumbler
DK-P-3	4-pin Tumbler
DK-P-4	4-pin Tumbler
DK-P-9	4-pin Tumbler



PART#	DESCRIPTION
D137-CLC	ACE® & ACE® 11KEY BLANK
D-9402	Guide Key Set

Genuine Chicago Lock Co. Key Blanks
Designed for Steelcase Equipment Locks:

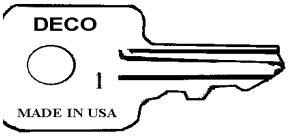
PART#	DESCRIPTION
DK-101-H	6-Tumbler
DK-102-H	6-Tumbler
DK-103-H	6-Tumbler
DK-104-H	6-Tumbler
DK-105-MH	6-Tumbler



DECO MOBILE HOME KEY BLANKS

DECO KEY BLANKS ITEM # DECO-921

Sold in quanities of 5pcs, 10pcs or a box of 50 pcs



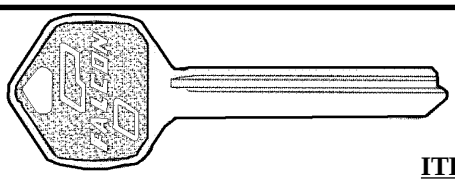
ESP key blanks are sold in boxes of 50 pcs

ESP
HOUSE, AUTOMOTIVE & FOREIGN KEY BLANKS

ESP CATALOG: For further information and to understand ESP key blank catalog numbers, call OWH for a ESP catalog!

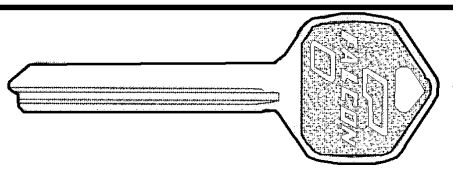
ITEM #	ITEM #	ITEM #	ITEM #	ITEM #	ITEM #	ITEM #	ITEM #
ES AB1	ES CO57	ES ES9	ES RO4	ES SC9	ES Y52	ES H50	ES HD91
ES AM1	ES CO58	ES HL1	ES RU1	ES SC22	ES Y54	ES H51	ES HD98
ES AM3	ES CO62	ES HL2	ES RU4	ES SE1	ES H54	ES MIT1	
ES AR1	ES CO66	ES HO3	ES RU20	ES SK1	**AUTOMOTIVE**	ES H60	ES MZ9
ES AR4	ES CO68	ES HR1	ES RU21	ES T7	ES B1	ES RA3	ES MZ13
ES BE2	ES CO87	ES IN3	ES RU45	ES WE1	ES B2	ES RA4	ES SR1
ES BN1	ES CO89	ES IN8	ES RU46	ES WK2	ES B4	ES Y12G	ES TR20
ES CG1	ES CO91	ES IN29	ES S3	ES WR3	ES B5	ES Y149	ES TR33
ES CG2	ES CO92	ES IN33	ES S4	ES WR4	ES B24	ES Y152	ES TR37
ES CG3	ES CO94	ES KW1	ES S6	ES WR5	ES B44	ES Y154	ES TR39
ES CG16	ES CO95	ES L1	ES S16	ES XL7	ES B45	**FOREIGN AUTO**	ES TR40
ES CO1	ES CO98	ES M1	ES S22	ES Y1	ES B46	ES B53	ES V30F
ES CO2	ES CO106	ES M2	ES S221/2	ES Y1E	ES B47	ES B56	ES V35
ES CO3	ES DE6	ES M10	ES S31	ES Y2	ES B48	ES DA21	
ES CO4	ES DE8	ES M11	ES S68	ES Y3	ES B49	ES DA23	
ES CO5	ES EA27	ES M12	ES SC1	ES Y4	ES B50	ES DA24	
ES CO6	ES ES1	ES NA6	ES SC4	ES Y6	ES B51	ES DA25	
ES CO7	ES ES8	ES NA12	ES SC6	ES Y11	ES B78	ES DC1	
ES CO10	ES ES8M	ES NH1	ES SC7	ES Y12	ES GAS	ES DC2	
ES CO35	ES ES84	ES RO1	ES SC8	ES Y14	ES H26	ES HD90	

FALCON KEY BLANKS



STANDARD

ITEM #	DESCRIPTION	QTY / BOX
KB573	Standard 5-pin	50
KB577	Standard 6-pin	50
KB581	Standard 7-pin	35



Order in multiples of 50 except where specified.

MASTER KEYING SYSTEM
Master & Grand Master Systems Available

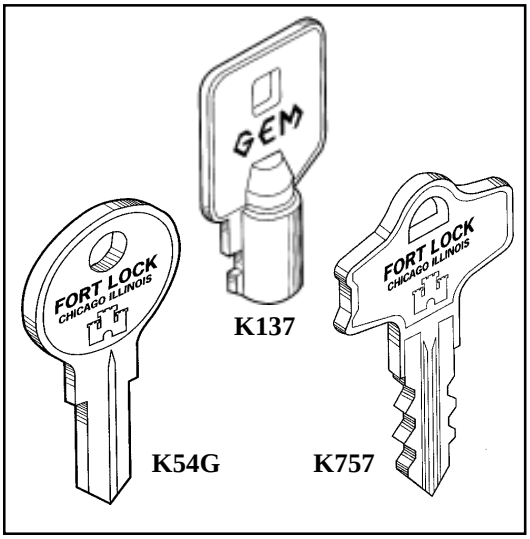
The prime purpose of having a master key is convenience, in a home, simple master keying, where one key will pass two or three doors, makes it convenient for the homeowner. The convenience becomes greater to maintenance and managerial personnel in apartment houses, hotels, motels or industrial plants where one key will pass scores, even hundreds of locks. In these situations, master keying is not only a convenience but it is a necessity. After all, where large numbers of locks are used, it is impractical to carry change keys for each door. There must be some emergency means of opening doors and enclosures or both, for whatever the need and master keying is that means.

Our computer generated Master Keying System guarantees no cross keys or phantom keys. For all major brands such as Arrow, Corbin, Dexter, Ilco, Kwikset, Master, Lockwood, Russwin, Sargent, Schlage, Taylor, Weiser, Weslock & Yale. These systems come with pinning charts. You can also order the system with keys cut to that system.

FORT LOCK ORIGINAL KEY BLANKS

SOLD IN BOXES OF 50pcs

ITEM #	DESCRIPTION
K137	For 1000 Series Gem Locks
K140	For 1000 Series Gem Master Keyed Locks
K147	For A000 Series Apex ® Locks
K54G	For 23000 Series 4 & 5 Disc Tumbler Locks
KS54G	For 23000 Series 4 Disc Tumbler Locks
KL54G	For 23000 Series 6 Disc Tumbler Locks
KS00V	For 24000 Series 5 Disc Tumbler Locks
K00V	For 24000 Series 6 Disc Tumbler Locks
KM54G	For 2300 Series 5 Disc Tumbler Locks, Master Keyed Locks
KML54G	For 2300 Series 6 Disc Tumbler Locks, Master Keyed Locks
K750	For 5000 Sereis 750 Keyway Locks

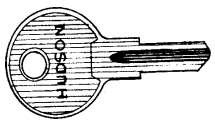


K137 K54G K757

ITEM #	DESCRIPTION
K757	For 5000 Series 757 Keyway Locks
K84	For 16000 Series Round Head Locks, Maxi Locks
K84M	For 16000 Series Round Head Locks, Master Keyed Locks
K60	For 7000 Series 8 Disc Tumbler Locks
K752	For 8000 Series Locks
K775	For 9000 Series 6 Disc Tumbler Locks
KS775	For 9000 Series 5 Disc Tumbler Locks
KS900	For 29000 Series 5 Disc Tumbler Locks, & Showcase locks
KT1	For 1T Series Locks
KDM23	For 1M Series Locks

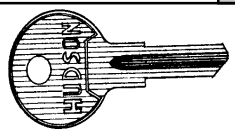
HUDSON ORIGINAL KEY BLANKS

HUDSON KEY BLANKS SOLD IN BOXES OF 50pcs



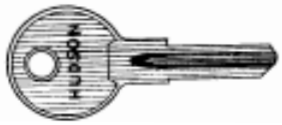
4-WAFER COINED

H01S
H02S
H03S



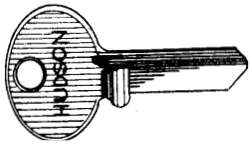
5-WAFER INCISED

H01 H10
H02 H11
H03 H13
H04 H19
H05 H60
H06 H65
H07 H90
H08



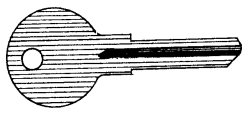
6-WAFER COINED

H01L H16L
H02L H17L
H03L H18L
H07L H90L
H10L H91L
H11L



5-PIN COINED

H20
H21



8 WAFER

H01K

FACTORY PRECUT KEY BLANKS

Because we do alot of Master Keying, we have a large quantity of factory cut keys that are good for rekeying locks and master keying, such as Kwikset, Weiser, Sargent & Schlage.

We sell these pairs at a low cost, while quanitites are available. We have several different key blank numbers for Schlage, so just inquire for the number you need. Several different keyways to pick from.

Can be ordered in increments of 10 each --- Not all keys are in stock - some may require special ordering

Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #
1	BYA1	FC1	JU1D	NP	RL1
1B	C1S	FE1	K1	M1-PC-ASST	RN1
1N	CB1	FF1	KA1	M1-PC-AMBER	RO1
A1	CD1	FL1	KAB1	M1-PC-AQUA	RU1
AB1	CE1	FLR1	KF1	M1-PC-RUBY	RX1
AD1	CER1	FS1	KFV1	M1-PC-TEAL	S1
AE1	CF1	FSP1	KK1	M1-PC-VIOLET	SA1
AG1	CG1	FT1	KK1-P	MAS1	SAA1
AG1R	CL1	FV1	KL1	MB1	SAA1-P
AGU1	CLB1	GA1	KM1	MCM1	SB1
AK1	CN1	GAV1	KN1	ME1	SC1
AL1-BLK	CO1	GB1	KP1	MG1	SC1-PC
AL1-BLU	CS1	GC1	KS1	MGM1	SC1-BIG
AL1-GRN	CT1	GE1	KW1	MGM1R	SC1-PC-ASST
AL1-RED	CTG1	GH1	KW1-PC	MIT1	SC1-PC-AMBER
ALP1	CVL1	GL1	KW1-PC-ASST	MIT1-P	SC1-PC-AQUA
AM1	CVL1R	GN1	KW1-PC-AMBER	MIT1-PC	SC1-PC-RUBY
AP1	CW1	GO1	KW1-PC-AQUA	MN1	SC1-PC-TEAL
AR1	D1A	GR1	KW1-PC-RUBY	MO1	SC1-PC-VIOLET
AR1-PC	D1K	GRD1	KW1-PC-TEAL	MON1	SC1-PRNLIKE
AR1-PC-ASST	D1T	GT1	KW1-PC-VIOLET	MR1	SC1-SI-210
AR1-PC-AMBER	D1V	GV1	KW1-PRNLIKE	MTK1	SC1-SI-218
AR1-PC-AQUA	DB1	GV1R	KW1-SI-210	MW1	SC1-SI-232
AR1-PC-RUBY	DC1	GW1	KW1-SI-218	MZ1	SC1-SI-268
AR1-PC-TEAL	DC1-P	HAW1	KW1-SI-232	N1	SC1-SI-274
AR1-PC-VIOLET	DE1	HD1	KW1-SI-268	NA1	SC1-SI-282
AS1	DD1	HF1	KW1-SI-274	NC1	SC1-SI-290
ATA1	DH1	HG1	KW1-SI-282	NCR1R	SC1-SI-297
AU1	DN1	HH1	KW1-SI-290	NE1	SC1-SI-299
B1	DO1	HL1	KW1-SI-297	NF1	SC1-SI-BUSA
BA1	DO1M	HN1	KW1-SI-299	NH1	SCH1
BAS1	DO1S	HO1	KW1-SI-BUSA	NL1	SE1
BC1	DO1SR	HOD1	L1	NN1	SE1B
BD1A	DP1	HR1	L1S	O1S	SE1C
BD1B	DT1	HS1	L1T	OL1	SF1
BD1C	DW1	HYD1	L1TL	OPB1	SIM1
BD1D	DXB1	ID1	L1Y	P1	SJ1
BEL1	DXC1	IF1	LA1	PA1	SK1
BH1	DXD1	IF1R	LAP1	PE1	SL1
BIL1	EA1	IG1	LB1	PHA1	SM1
BJ1	EE1	IG1R	LC1	PJ1	SN1
BJ1R	EL1	IGS1	LE1	PKR1	SOS1
BKZ1	ELM1	IL1	LF1	PL1	SP1
BM1	ELZ1	ILL1	LM1	PO1	SR1
BMW1	ER1	IN1	LN1	PN1	SS1
BN1	ERS1	INS1	LO1	PR1	ST1
BO1	ES1	IS1	LP1	PU1	STA1
BR1	ES1R	IV1	LP1R	PZ1	SUB1
BS1	ET1	JG1	LPB1	RA1	SUB1-P
BT1	EVA1R	JH1	LR1	RC1	SUZ1
BU1	EX1	JI1	LSR1	RE1	SW1
BUR1	EZ1	JI1R	LT1	REI1	SX1
BV1	FA1	JN1	LU1	REI1R	SY1
BVA1	FAS1	JO1	LUV1	RG1	SZ1
BY1	FB1	JP1	M1	RK1	T1

Can be ordered in increments of 10 each --- Not all keys are in stock - some may require special ordering

Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #
TA1	Y1-PC-AMBER	BV2	IF2	RN2	WRE2
TB1	Y1-PC-AQUA	BW2	IF2R	RU2	WS2
TBE1T5	Y1-PC-RUBY	C2S	ILL2	S2	WT2
TE1	Y1-PC-TEAL	CA2	IN2	SB2	X2
TEK1	Y1-PC-VIOLET	CB2	ISP2	SE2	XPA2
TG1	YH1	CE2	JA2	SE2B	Y2
TK1	YL1	CF2	JN2	SE2C	YH2
TM1	YM1	CG2	JU2	SG2	YL2
TN1	YS1	CL2	JU2R	SH2	YS2
TO1	YU1	CLB2	K2	SIM2	YU2
TP1	YY1	CN2	KA2	SJ2	ZC2
TR1	Z1	CNA2	KAB2	SM2	ZK2
TS1	ZC1	CT2	KE2	SN2	ZKN2
TT1	ZE1	CTG2	KF2	SP2	ZMK2
TY1	ZIK1	DA2	KK2	SR2	ZN2
UCM1	ZK1	DB2	KK2-P	SS2	3B
UN1	ZKN1	DE2	KL2	STA2	3F-1033
UR1	ZKN1R	DH2	KM2	SUZ2	3F-1140
UR1R	ZMK1	DL2	L2EX	SW2	3F-1232
V1S	ZN1	DM2	LA2	SY2	3F-1540
VA1	2B	DO2	LAP2	SZ2	3F-1730
VAE1	2N	DT2	LB2	T2	3F-1738
VAT1	A2	DW2	LC2	TA2	3F-2532
VCA1	AA2	DX2R	LF2	TB2	3F-2635
VCA1R	AG2	DXB2	LI2	TE2	3F-2830
VEC1	AK2	DXC2	LI2R	TK2	3F-2933
VG1	ALP2	DXD2	LM2	TM2	3F-4135
VL1	AN2	EF2	LP2	TN2	3F-4333
VR1	AP2	EL2	LPD2	TO2	3F-4535
VR1R	AS2	ERS2	LT2	TOK2	3F-4735
VS1	ATA2	ET2	LU2	TP2	3F-4935
VT1	AU2	FA2	M2	TS2	3F-5233
VW1	AUDS2	FB2	ME2	UM2	3F-6932
VW1CZ	AZ2	FC2	MIT2	UR2	3M-2127
W1	AZ2R	FL2	MIW2	UR2R	3M-2136
WA1	B2	FLR2	MM2	VA2	3M-2734
WAR1	B2M	FR2	MR2	VEC2	3M-3427
WB1	BA2	FSP2	MS2	VG2	3M-5935
WC1	BC2	FTA2R	MTK2P	VR2	3S-1832
WE1	BD2A	FU2	MW2	WA2	3S-2332
WF1	BD2B	GAV2	MZ2	WAR2	3S-5332
WG1	BD2C	GB2	NC2	WB2	3S-7032
WH1	BD2D	GE2	NE2	WC2	A3
WIL1	BE2	GH2	P2	WH2	AA3
WK1	BEL2	GL2	PHA2	WIL2	AB3
WRE1	BKS2	GT2	NL2	WK2	AG3
WS1	BL2	HAW2	PJ2	`WK2-PC	AK3
WT1	BM2	HD2	PL2	WK2-PC-ASST	AL3
WTP1	BMW2	HG2	PN2	WK2-PC-AMBER	ALP3
X1	BMW2-P	HN2	PO2	WK2-PC-AQUA	AM3
XPA1	BO2	HR2	PU2	WK2-PC-RUBY	AP3
Y1	BT2	HU2	PZ2	WK2-PC-TEAL	AS3
Y1-PC	BT2-SI	HY2	RA2	WK2-PC-VIOLET	AU3
Y1E	BUR2	HY2-P	RK2	WL2	B3
Y1-PC-ASST	BU2	HYD2	RL2	WR2	BD3A

Can be ordered in increments of 10 each --- Not all keys are in stock - some may require special ordering

Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #
BD3B	HYD3	SV3	CE4	MIT4-P	Z4
BD3C	IF3L	SW3	CH4	MS4R	ZC4
BD3D	IF3S	SX3	CLB4	MZ4	ZK4
BEL3	IN3	SY3	CN4	NE4	5B
BKS3	JU3	TE3	CR4R	PJ4	5F
BMW3	JU3R	TK3	CR4RP	PU4	AB5
BMW3-P	KA3	TM3	DE4	PZ4	AG5
BT3	KAB3	TN3	DM4	RA4	AK5
BU3	KE3	TO3	DO4	RK4	ALP5
BUR3	KE3-SI	TP3	DT4	RN4	AP5
C3S	KF3	UN3	DWO4RAP	RN4R	AS5
CA3	KK3	UR3	DWO4RT5	RO4	AU5
CB3	KK3-P	UR3R	DXB4	RU4	B5
CE3	KM3	VA3	DXC4	RV4	B5A
CH3	L3TX	VS3	DXD4	RV4-P	BD5A
CL3	L3XY	WA3	EV4	S4	BD5B
CLB3	LA3	WAR3	FB4	SB4	BD5C
CN3	LB3	WB3	FH4	SC4	BD5D
DA3	LC3	WB3F	FL4	SE4B	BEL5
CO3	LF3	WH3	FTH4	SE4C	BK5
DC3	LM3	WK3	GB4	SF4-SI	BKS5
DC3-P	LN3	WR3	GE4	SG4	BR5
DC3-PC	LT3	WRE3	GL4	SJ4	BUR5
DK3	M3	WS3	GT4	SM4	C5S
DM3	MCM3	WT3	GU4	SP4	CE5
DO3	ME3	X3	GU4R	SR4	CEM5
DO3L	MIT3	Y3	HAW4	SUZ4	CH5
DO3M	MN3	YH3	HD4	SV4	CLB5
DT3	MR3	YL3	HF4	SW4	CN5
DXB3	MZ3	YM3	HO4	SW4R	CO5
DXC3	N3	Z3H	HU4	SX4	DE5
DXD3	NC3	ZC3	HY4	SY4	DM5
EF3	NE3	ZK3	HY4-P	SZ4	DO5
EL3	PJ3	AB4	HYD4	SZ4P	DT5
ERS3	PN3	AG4	IN4	SZ4R	DWO5AP
FA3	PU3	AK4	JU4	SZ4RP	DWO5RAP
FB3	PZ3	AL4	KA4	TA4	DWO5T5
FL3	R3	ALP4	KE4	TE4	DWO5RT5
FT3	RA3	AP4	KF4	TK4	DXG5
FTH3	RK3	AP4A	KK4	TM4	ER5
GB3	RL3	AR4	KK4-P	TN4	ERS5
GE3	RO3	AS4	KL4	TO4	EV5
GE3R	RU3	AU4	KM4	TP4	FB5
GH3	S3	B4	L4	UN4	FL5
GL3	SB3	BD4A	L4A1	VA4	FL5G
GT3	SE3B	BD4B	L4RM	VE4	FT5R
GU3	SE3C	BD4C	LA4	WR4	FTH5
HAW3	SF3-SI	BD4D	LB4	WAR4	GE5
HD3	SIM3	BEL4	LC4	WK4	GL5
HF3	SJ3	BKS4	LF4	WS4	GT5
HG3	SP3	BT4	LN4	X4	H5
HL3	SQ3	BU4	M4	Y4	HD5
HT3	SR3	BUR4	MB4	YH4	HD5R
HU3	SS3	C4S	ME4	YL4	HF5
HY3	SUZ3	CA4	MIT4	YM4	HU5

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Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #
HY5	WR5-PC-AQUA	DO6	TO6	EP7	T7
HY5-P	WR5-PC-RUBY	DT6	TP6	EV7	TA7
HYD5	WR5-PC-TEAL	EP6	VA6	FB7	TK7
JU5R	WR5-PC-VIOLET	ERS6	VE6	FC7	TM7
KA5	WR5-PRNLIKE	EV6	VL6	FC7-P	TO7
KA5-SI	WR5-SI-210	FB6	VL6-P	FL7	UN7
KM5	WR5-SI-218	FL6	VO6	GE7	VA7
KW5	WR5-SI-232	FT6	WK6	H7LA	VR7
L5CR	WR5-SI-268	FT6R	WS6	H7LB	WK7
L5RC	WR5-SI-274	FTH6	X6	H7LC	X7
LA5	WR5-SI-282	GE6	Y6	H7LD	XL7
LB5	WR5-SI-290	H6	YH6	H7LDH	YH7
LC5	WR5-SI-297	HD6	YH6-SI	H7LE	YM7
LC5R	WR5-SI-299	HF6	YH6R	H7LF	ZD7
LF5	WR5-SI-BUSA	HY6	YL6	H7LG	ZK7
LP5	WS5	HY6-P	YM6	H7LH	ZN7
M5	WT5	HY6R	ZK6	H7RA	8B
MB5	X5	HYD6	7B	H7RB	AB8
MIT5	VR5	KA6	7DC	H7RC	ALP8
ME5	Y5	KM6	7GE	H7RD	AS8
MZ5	YH5	L6FM	7LA	H7RDH	BKS8
NE5	YL5	L6S	7LB	H7RE	BU8
PA5	YM5	LA6	7LC	H7RF	BUR8
PG5	ZK5	LB6	7LD	H7RG	CE8
PO5	6B	LF6	7LDH	H7RH	CH8
PO5-P	AB6	LP6	7LE	HD7	CLB8
PU5	AK6	ME6	7LF	HF7	CU8
PW5	ALP6	MIT6	7LG	HYD7	DE8
RI5	AS6	MIT6-P	7LH	KA7	DM8
RO5	AU6	MZ6	7RA	KM7	DT8
SB5	B6	NA6	7RB	LA7	EL8
S5	BD6	NW6	7RC	LB7	ERS8
SE5F	BEL6	PA6	7RD	LF7	ET8
SF5-SI	BKS6	PO6	7RE	LP7	FC8
SG5	BL6	RI6	7RF	LP7R	FL8
SJ5	BO6	RS6	7RG	LR7GE	GE8
SP5	BR6	S6	7RH	MA7	HD8
SR5	BUR6	S6BW	AB7	ME7	HT8
SUZ5	C6S	SB6	ALP7	MIT7	HYD8
SW5	CB6	SC6	AS7	MZ7	IN8
SY5	CE6	SIM6	B7M	NE7	KA8
SZ5	CH6	SJ6	BD7	PO7	KM8
TA5	CLB6	SM6	BEL7	R7DC	LA8
TK5	DAT6BP	SP6	BKS7	RO7	LB8
TN5	DAT6P	SR6	BR7	RU7	LC8
TO5	DAT6RP	SUZ6	BU7	S7BW-P	LF8
TP5	DE6	SW6	BUR7	S7JA	MIT8-PT
UN5	DE6-PC	SY6-NS	CB7	SB7	MZ8
VE5	DE6-PC-ASST	TA6	CE7	SC7	NE8
WK5	DE6-PC-AMBER	TK6	CH7	SF7AF	PA8
WL5	DE6-PC-AQUA	TM6	CLB7	SM7	PA8-P
WR5	DE6-PC-RUBY		CO7	SP7	SB8
WR5-PC	DE6-PC-TEAL		CU7	SUZ7	SC8
WR5-PC-ASST	DE6-PC-VIOLET		DM7	SW7	SF8
WR5-PC-AMBER	DM6		DT7	SY7	SIM8

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Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #
SMS8	LF9	EL10	YH10	CO12	NE13
SP8	MIT9-PT	ER10	ZK10	CS12	PJ13
SUZ8	MZ9	FL10	AB11	CU12	PB1
SY8-NS	MZ9-P	FT10	AS11	DM12	SLA13
TA8	NE9	FT10R	B11	DT12	SY13
TK8	NS9CS	GE10	BKS11	HD12	TK13
TL8	NSR9CS	GT10BT2	BL11	HF12	WK13
TL8R	R9CS	H10F	BUR11	HY12	X13
TM8	R9LF	HD10	CB11	HY12-P	Y13
VA8	R9LK	HYD10	CB11BH	HYD12	YH13
VL8	S9CS	KI10R	CLB11	KA12	YM13
VL8-P	S9P	KM10	CS11	LA12	ZK13
WK8	SC9	KW10	DM11	LF12-SI	14B
WS8	SF9	KW10-PC-ASST	DT11	M12	14CM
X8	SIM9R	KW10-PC-AMBER	EL11	MZ12	14K
Y8	SM9C	KW10-PC-AQUA	GE11	NA12	14KH
YH8	SP9	KW10-PC-RUBY	HD11	OP12	14KR
YL8	SR9P	KW10-PC-TEAL	HF11	PJ12	AB14
YM8	SU9	KW10-PC-VIOLET	HYD11	SLA12	AS14
ZK8	SU9L	KW10-SI-PRNLIKE	IL11	SUZ12	AS14L
9B	SU9S	KW10-SI-210	KA11	SY12	AS14S
9BA	SUZ9	KW10-SI-218	LA11	TA12	BKS14
9CS	SX9B	KW10-SI-232	LF11	TK12	BUR14
9CX	SY9	KW10-SI-268	LS11	WK12	CLB14
9D	SZ9	KW10-SI-274	M11	X12	CS14
9FAC	SZ9P	KW10-SI-282	ME11	Y12	DM14
9MX	TA9	KW10-SI-290	MZ11	YH12	DT14
9TK	TM9	KW10-SI-297	NE11	ZK12	GE14
AB9	U9P	KW10-SI-299	NSN11T2	AB13	HD14
ALP9	VK9	KW10-SI-BUSA	OP11	AS13	HF14
AS9	WK9	LA10	PJ11	BKS13	HY14
B9	X9	LF10	SB11	BR13	HY14-P
B9E	Y9	LS10	SF11	BUR13	KA14
BKS9	Y9E	M10	SLA11	CLB13	KW14
BR9	YH9	MZ10	SUZ11	CS13	KW14AP
BUR9	YL9	MZ10-P	SUZ11-P-SI	DM13	KW14P
CB9	YM9	NE10	SY11	DT13	KW14R
CLB9	ZK9	NSN10	TA11	EA13	LA14
CO9	AB10	OM10	TK11	HD13	LF14
CU9	ALP10	S10	TL11	HY13	M14
D9	AS10	S10LAA-P	TL11R	HY13-P	MZ14
DT9	B10	SB10	WK11	HYD13	NA14
ER9	BKS10	SC10	WS11	HF13	NE14
ES9	BUR10	SF10	X11	KA13	PJ14
ET9	CB10	SIM10	Y11	L13	SLA14
FC9	CLB10	SLA10	YH11	LA13	TA14
FL9	CO10	SUZ10	ZK11	LF13	TK14
GE9	CS10	SY10	12B	M13	WK14
HD9	CU10	SZ10RP	AB12	MS13	Y14
HF9	DAV10	TK10	AS12	MZ13	YH14
HY9-SI	DM10	TM10	BH12-SI	MZ13-P	YM14
HYD9	DT10	VA10	BKS12	MZ13-PC	SZ14RAP
IL9	DXB10	WK10	BUR12	MAZ13AP	ZD14RP
KM9	DXC10	WS10	CB12	MAZ13EP	ZK14
LA9	DXD10	X10	CLB12	MZ13R	AB15

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Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #
AS15	SLA16	TR18	ZK20	YM22	25V
AU15	TA16	WK18	21B	ZK22	AS25
BKS15	TK16	YH18	AB21	23B	BKS25
BUR15	UN16	X18	AS21	23M	CS25
CLB15	WK16	ZK18	BKS21	AB23	DA25
CS15	X16	19B	C21	AS23	DA25-P
DM15	YH16	AB19	CC21	BKS23	DA25-PC
DT15	YM16	AS19	CS21	CS23	DM25
EL15	ZK16	BKS19	DM21	DA23	HD25
GE15	17B	CS19	EL21	DA23-P	LP25
GT15RAP	AB17	DM19	FO21T3	DM23	MZ25
GT15RBT2	AS17	DX19R	HD21	HD23	MZ25-P
HD15	B17	HD19	HF21	HF23	NA25
HF15	BKS17	LF19	LF21	LF23	NA25-PC
KA15	CG17	LS19	LP21W	LS23	RN25
KW15BP	CO17	M19	M21	M23	SP25A-P
LF15	CS17	MZ19	TA21	NE23	TA25
MB15	DM17	MZ19-P	TK21	TA23	TR25
MB15-P	HD17	MZ19-PC	VC21	TK23	VC25
MZ15	HF17	NE19	WK21	VC23	WK25
NE15	KI17	RT19	X21	WK23	X25
SLA15	LF17	TA19	YH21	X23	YH25
SUZ15	LS17	TK19	YM21	YH23	YM25
SUZ15-P	M17	WB19	ZK21	YM23	ZK25
TA15	MB17	WK19	22BB	ZK23	BKS26
TK15	MD17	X19	22M	24B	CO26
WK15	MZ17	YH19	22PO	AS24	CS26
YH15	NE17	ZK19	AB22	B24	DM26
YM15	SLA17	AB20	AK22W	BKS24	H26
ZK15	SUZ17	AS20	AS22	C24	HD26
AB16	SUZ17-P	B20	BKS22	CS24	HF26
AS16	TK17	BKS20	C22	DA24	LP26
B16	WK17	BR20	CG22	DM24	LP26S
BKS16	X17	C20	CS22	F24	M26
BR16	YH17	CS20	DM22	HD24	NE26
CG16	ZK17	DA20	DM22-SI	HON24	TA26
CS16	AB18	DM20	DM22TVP	HON24RP	TK26
DM16	AS18	DT20	DT22W	IN24	TR26
DT16	BKS18	DXB20	DTL22W	LF24	VC26
GT16RT2	BR18R	DXC20	F22	LP24	WK26
GT16T2	CS18	DXD20	HD22	M24	X26
HD16	DM18	EL20	HF22	MAZ24RT5	YH26
HF16	DX18R	HD20	LS22	NA24	ZK26
KA16	H18	HF20	M22	RN24	27B
LF16	HD18	M20	MZ22	RN24-P	AS27
LS16	HF18	MB20	NE22	TA24	BKS27
M16	IN18	MZ20	S22	TK24	CS27
MB16	LF18	NE20	S22 1/2	VC24	DM27
MB16R	LS18	SC20	SC22	WK24	EA27
MZ16	M18	SL20	SK22RT1	X24	H27
MZ16-P	MB18	TK20	TK22	YH24	LP27
NE16	MB18-P	VW20	VC22	YM24	MZ27
RU16	NE18	WK20	WK22	ZK24	MZ27-P
S16	SUZ18	X20	X22	25	MZ27-PC
SIP16T2	TK18	YH20	YH22	25B	NE27

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Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #
RN27	VC29	HON31RP	HON33P	CO36	MB39
TA27	WK29	LP31	IN33	CS36	MB39-P
TK27	X29	LP31R	LS33	DM36	NE39
V27	YH29	MZ31	NE33	HD36	T39
VC27	YH29BP	NE31	S33C	IN36	TK39
WK27	YH29P	RN31	S33FD-P	NE36	TR39
X27	YH29RBP	S31	S33FJ-P	OP36	X39
YH27	YH29RP	TK31	S33P	TK36	YH39
YM27	YM29	VC31	TK33	TOY36P	ZK39
YM27T2	ZK29	WK31	TR33	X36	AS40
ZK27	30B	X31	TR33-P	YH36	B40A
28BM	AS30	YH31	TR33-PC	ZK36	CS40
AS28	BKS30	YH31R	V33	37	DM40
BKS28	C30M	YH31RAP	VC33	37D	F40
CS28	CC30	YH31RBP	X33	AS37	HD40
DA28	CS30	ZK31	YH33	BK37	HF40
DM28	DA30	AB32	ZK33	CS37	MB40
HD28	DA30-P	AS32	34B	DA37	NE40
IN28	DM30	BKS32	AS34	DA37-P	RW40R
LP28	DXB30	CS32	BKS34	DM37	T40
LP28S	DXC30	DA32	CS34	FT37	TOY40BT4
LS28	DXD30	DA32-P	DA34	HD37	TR40
T28	HD30	DM32	DA34-P	HF37	TR40-P
TA28	LP30	EA32	DM34	OP37	TR40-PC
TK28	LP30R	HD32	HD34	T37L	X40
TR28	MZ30	HON32P	IN34	TK37	YH40
TR28-P	MZ30-P	LP32	LP34S	TR37	ZK40
VC28	NE30	LP32R	LS34	V37	41FD
WK28	RN30	LS32	NE34	V37-P	AS41
X28	S30FD-P	OP32	S34YS-P	V37-PC	B41A
YH28	TK30	PH32	TK34	X37	B41B
YH28BP	VC30	RN32	VC34	YH37	B41C
YH28P	WK30	RN32-P	X34	ZK37	CS41
YH28RBP	X30	S32	YH34	AS38	DM41
YH28RP	YH30	S32FJ-P	ZK34	CS38	F41
YM28	YH30BP	S32YS-P	AS35	DA38	HF41
YM28T2	YH30P	TK32	BKS35	DA38-P	HO41
ZK28	YH30RBP	V32	CO35	DM38	MB41
AS29	YH30RP	VC32	CS35	F38	MB41-P
BKS29	YM30	WK32	DA35	FT38	NE41
CC29	YM30T5	X32	DM35	HD38	T41
CS29	ZK30	YH32	HD35	HF38	T41Y
DM29	AS31	ZK32	HF35	HON38RP	TK41
F29	BKS31	33C	IN35	MB38	X41
HD29	CS31	33K	IN35-PC	TK38	YH41
HF29	DA31	33NO	LS35	X38	ZK41
IN29	DA31-P	AS33	TK35	YH38	CS42
LP29	DA31-PC	B33N	V35	ZK38	DM42
LP29R	DM31	B33NB	V35-P	AS39	HD42
LS29	HD31	BKS33	X35	CS39	HON42
MZ29	HON31AP	CS33	YH35	DM39	HON42AP
NE29	HON31BP	DA33	YH35RBP	F39	NE42
Y34	HON31P	DM33	ZK35	HD39	S42
RN29	HON31RAP	F33	AS36	HON39P	YH42
TK29	HON31RBP	HD33	BKS36	LP39	X42

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Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #
ZK42	B46G	CS49	UN51	NE54	NE58
AS43	CR46	DM49	UN51L	P54F	S58HF-P
CS43	CS46	HD49	X51	S54F	UN58
DM43	DM46	HF49	YH51	S54F-PC	UN58L
FT43	FT46	HU49AT2	ZK51	S54G	X58
HD43	HD46	HU49T1	AS52	T54F	ZK58
HF43	HF46	NE49	B52	UN54	AS59
HU43P	HU46T2	S49HF-P	CS52	UN54L	B59
HU43T2	NE46	TR49	DM52	X54	CS59
NE43	T46	X49	H52	Y54	DM59
OP43	TR46	YH49	H52F	ZK54	H59
TOY43AT4	TR46-P	ZK49	HF52-P	AS55	H59F
X43	TR46-PC	50	RU52	B55	H59-P
YH43	X46	50A	SC52	CS55	H59-PC
ZK43	YH46	50AR	UN52	H55	HD59
AS44	ZK46	50B	UN52L	H55F	HF59
B44	AS47	AS50	X52	HF55-P	HF59R
B44G	B47	B50	Y52	NE55	MB59
B44GP	B47G	B50G	ZK52	UN55	NE59
B44M	CS47	B50GP	53	UN55L	UN59
B44-P	DM47	B50-P	AS53	X55	UN59L
B44-PC	HD47	B50-PC	B53	YM55	X59
CS44	HF47	CS50	C53	ZK55	ZK59
DM44	NE47	DM50	CS53	56B	60
F44	OP47	H50	H53	AS56	60.B9
HO44	TR47	H50F	H53F	B56	60.CD
NE44	TR47-P	H50L	HD53	CS56	60.D
OP44	TR47-PC	H50-PC	RU53	H56	60.GH
RU44	YH47	HF50	S53HF-P	H56F	60HA
T44	ZK47	LS50	TR53	H56M	60HB
TR44	AS48	NE50	TR53-P	HD56	60HR
TR44-P	B48	S50HF-P	UN53	HF56	60.I9
X44	B48G	T50	UN53L	NE56	60.IK
YH44	B48GP	TR50	X53	UN56	60.LM
ZK44	B48-P	UN50	ZK53	UN56L	60.S9
45B	B48-PC	UN50L	54FA	X56	60UA
AS45	CS48	X50	54FL	YM56	60UF
B45	DM48	YH50	54KP	ZK56	60UG
B45G	FT48	ZK50	54M	AS57	60VF
B45GP	HD48	51	A54B	B57	60VF9
B45-P	NE48	AS51	A54F	CS57	60VG
B45-PC	NE48F	B51	AS54	DM57	60VG9
CR45	S48HF-P	B51G	B54	HD57	60ZD
CS45	TOY48BT4	B51GP	CS54	HF57	60Z1
DM45	TR48	B51-P	F54	NE57	60Z2
FCT45	X48	B51-PC	H54	TOY57-PT	60Z3
HD45	YH48	CS51	H54F	UN57	60Z4
NE45	ZK48	DM51	H54-PC	UN57L	60Z5
RU45	49B	H51	T10HF54	X57	60Z6
T45	AS49	H51F	L54K	ZK57	60Z7
X45	B49	H51L	L54WA	AS58	60Z8
YH45	B49G	H51-PC	M54G	CS58	60Z9
ZK45	B49GP	HD51	ML54G	DM58	60Z10
AS46	B49-P	LS51	N54B	HD58	60Z11
B46	B49-PC	SC51	N54G	JN58	60Z12

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Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #
60Z13	B61Y	T61C-P	62HB	A62VC	L62TC
60Z14	DM61	T61D	62HC	A62VN	L62UC
60Z16	DR61F	T61E	62HD	AB62A	L62US
60Z17	H61G	T61F	62HE	AB62AR	L62VA
60Z18	H61N	T61G	62HF	AB62B	L62VB
60Z19	H61NA	T61VR	62HG	AB62BR	L62VJ
AS60	H61P	U61VW	62HO	AB62C	L62VN
DM60	H61SA	UN61	62JB	AB62CR	LR62DG
H60	H61SB	UN61L	62JT	AB62E	LR62QT
H60L	H61V	V61	62K	AB62ER	LR62US
HD60	H61VM	V61A	62KD	AB62F	LR62VA
OP60C	H61VO	V61S	62KR	AB62FR	LR62VB
R60HR	H61VR	V61VW	62KT	AB62G	LR62VJ
R60ZD	HD61	VR61S	62KZ	AB62GR	R62B
S60	HO61C	X61	62L	AR62K	R62BA
S60HF-P	HO61D	Y61	62LG	AS62	R62BZ
S60R	HO61E	ZK61	62M	B62	R62CA
T60	HO61H	62	62PD	B62B	R62DG
UN60	HO61Q	62A	62PE	B62DP	R62DH
UN60L	HO61R	62BA	62PF	B62DR	R62DM
X60	HR61N	62BL	62PG	B62DV	R62EV
ZK60	HR61NA	62BZ	62PH	B62G	R62K
61B	HR61P	62C	62PR	BS62DV	R62P
61D	HV61	62CKK	62PT	CO62	R62PD
61E	HVR61	62CS	62QN	D62SA	R62PE
61F	L61D	62DA	62QS	DM62	R62PF
61G	L61G	62DB	62QT	H62	R62PG
61GA	L61K	62DC	62R	H62F	R62QB
61H	LR61D	62DE	62RG	H62-P	R62TA
61J	LR61G	62DF	62RS	H62BM	R62TS
61JD	LR61JD	62DG	62S	H62BZ	R62UC
61K	R61D	62DH	62SH	H62CM	R62US
61N	R61E	62DHR	62T	H62DG	R62VA
61NA	R61G	62DJ	62TA	H62DM	R62VB
61NC	R61GA	62DK	62TC	H62DP	R62VN
61P	R61H	62DL	62U	H62DR	R62WA
61PC	R61JD	62DM	62UC	H62FD	R62X
61PD	R61K	62DN	62VA	H62KB	R62Y
61PE	R61N	62DO	62VB	H62PD	R62Z
61PS	R61NA	62DP	62VC	H62VG	S62DP
61Q	R61P	62DS	62VE	H62VK	S62DR
61T	R61Q	62DT	62VG	H62VP	S62DW
61TS	R61ST	62DU	62VH	HD62	S62FD
61VT	R61T	62DV	62VJ	HR62BZ	S62KB
61VW	R61TS	62DW	62VM	HR62DG	S62US
61W	R61W	62DX	62VO	HR62FD	S62VP
61X	RE61F	62E	62VP	HR62KB	S62VT
A61Q	RE61N	62EV	62VW	HR62PD	T62DL
A61T	RE61XR	62FE	62WA	HR62VG	U62VA
A61W	S61JD	62FG	62WB	HR62VK	U62VB
AR61Q	SR61N	62FS	62X	L62CS	U62VN
AR61T	SR61W	62FT	62Z	L62DM	U62VP
AR61W	T61A	62FTF	A62A	L62FD	UN62
AS61	T61B	62H	A62L	L62KE	UN62L
B61	T61C	62HA	A62QN	L62QT	UR62K

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Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #
UR62VP	G63Y	64P	DM65-11	HU66AT2	O67T
UR62X	H63	64R	DM65-17	HU66AT6	P67F
VO62	H63F	64RD	DM65-20	HU66T1	R67F
W62VB	H63G	64S	F65	HU66T5	R67K
W62VE	H63M	64SS	F65A	HU66T6	R67N
X62	H63VO	64X	F65L	J66M	R67P
X62VK	HD63	64Y	FR65	P66E	R67Q
Y62	L63G	AS64	FR65A	R66E	R67T
YR62	LR63G	B64	FR65S	S66NN-P	S67B
ZK62	M63B	B64GP	H65	T66U	S67C
63	M63BG	B64-P	H65F	T66V	S67D
63A	M63E	B64-PC	H65-P	T66W	S67E
63BG	MR63E	D64	L65G	T66X	S67G
63C	N63G	DM64	L65Y	T66Y	S67K
63E	NR63G	H64	LR65G	T66Z	S67NN-P
63F	O63	H64E	LR65Y	UN66	SR67K
63G	R63	H64K	M65F	UN66L	T67A
63GK	R63E	H64S	P65A	V66P	T67B
63H	R63G	HD64	P65C	X66	T67C
63J	R63H	HR64K	R65F	ZK66	T67D
63JA	R63K	HU64P-SI	R65FA	67B	T67E
63K	R63KE	M64	R65G	67CL	T67F
63L	R63PX	P64E	R65S	67G	U67K
63LL	R63R	R64	R65U	67H	U67KR
63M	R63S	P64H	RS65G	67J	UN67
63N	R63SP	P64K	S65CA	67LA	UN67L
63P	R63ST	R64F	S65F	67LB	UR67K
63PX	R63TK	R64T	S65G	67LC	V67
63Q	R63TS	S64S	SR65	67LD	VW67
63R	R63TY	T64	U65F	67N	VW67S
63S	R63V	UN64	UF65A	67P	W67
63SP	R63VS	UN64L	UN65	67Q	X67
63ST	R63W	VW64	UN65L	67T	ZK67
63T	R63WG	VW64T	X65	67U	68M
63TS	R63Y	X64	ZK65	67W	A68V
63TV	RM63E	ZK64	66A	AS67	AS68
63TW	S63B	65B	66B	B67	B68
63V	U63H	65CA	66BB	B67G	B68GP
63VN	UN63	65CB	66E	B67K	B68-P
63VO	UN63L	65CD	AS66	C67K	B68-PC
63VP	VW63	65CE	B66C	D67K	CO68
63VR	VW63A	65CF	B66D	D67N	D68A
63VS	X63	65DL	C66F	D67P	F68B
63W	XD63	65FA	C66G	E67K	F68C
63WG	YM63	65G	D66J	G67J	F68XR
63Y	ZK63	65J	D66T	H67	F68YT
A63L	64AL	65K	F66A	H67F	HD68
AS63	64D	65L	F66C	H67-P	M68
B63	64F	65M	F66D	H67-PC	M68E
B63GP	64G	65T	H66	H67K	M68F
B63-P	64K	65TA	H66M	L67A	M68G
B63-PC	64KK	65V	H66-P	L67B	M68H
CO63	64L	AS65	HD66	M67K	M68J
DM63	64LA	B65	HU66-P	M67L	M68T
DM63-SI	64LB	B65-P	HU66A-P	O67S	P68Z

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Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #
R68W	H70Z	H72-PT-CLEAR	H74-PT	AS77	B79G
S68	HD70	HD72	HD74	B77	B79K
S68SK	HD70U	M72F	S74G	B77GP	B79L
UN68	HD70U-P	O72A	S74H	B77-P	D79V
UN68L	L70L	P72	S74J	B77-PC	D79W
V68D	L70M	S72J	S74K	B77U	D79X
V68K	L70N	T72	T74	H77E	D79Y
V68L	M70R	T72C	T74U	H77ER	F79-1
V68LR	P70C	V72B	T74V	H77P	F79-3
X68	S70	V72E	T74W	H77PR	F79E
Y68M	S70U	V72L	T74X	H77R	H79C
Y68N	T70	V72N	T74Y	H77RR	H79CR
Y68P	V70A	X72	T74Z	K77L	H79M
ZK68	V70D	ZK72	X74	O77J	H79MR
AS69	V70E	73M	ZK74	O77S	M79S
B69	X70	73VB	AS75	O77T	M79T
B69D	ZK70	73VB-P	H75	S77Y	M79U
B69K	71B	AS73	H75F	T77	M79UR
F69E	AS71	B73T	H75FM	T77ZL	O79F
F69F	B71F	D73A	H75M	V77	O79G
F69G	D71Z	D73V	H75-P	V77M	O79JB
F69H	H71-P	D73W	H75-PC	V77V	O79JC
H69T	H71L	H73Z	HD75	VW77	O79JD
H69TR	H71T	H73-PT	T75	W77D	O79JE
H69U	HD71	HD73	X75	X77	P79A
H69UR	NE71R	M73J	ZK75	Y77B	P79B
H69V	NE71RDP	M73K	AS76	Y77F	R79N
H69W	O71V	M73L	B76L	Y77G	T79P
H69X	S71B	M73M	D76F	Y77K	T79PR
HD69	S71W	M73N	F76M	ZK77	T79R
L69L	S71X	O73E	F76N	B78	V79D
P69A	S71Y	O73F	H76	78B	X79
P69B	V71E	O73G	H76F	B78GP	ZK79
P69C	VW71	O73H	H76H	B78-P	80S
P69Y	VW71A	O73R	H76-P	B78-PC	A80M
T69R	X71	P73U	H76J	AS78	AS80
UN69	Y71H	P73X	H76G	H78	B80
UN69L	Y71J	S73	H76K	H78-P	B80-P
V69N	Y71N	T73	H76V	H78F	B80N
V69P	Y71P	VO73	H76VR	H78H	B80NR
X69	YA71	VO73S	H76W	H78HR	C80X
ZK69	ZK71	X73	H76WR	H78M	D80D
70S	AS72	Y73C	H76X	H78KR	D80E
AS70	B72	Y73D	H76Y	T78L	D80F
F70S	B72-P	Y73Y	H76YR	T78L	D80G
F70T	D72D	ZK73	H76Z	T78M	D80K
H70	D72P	AS74	H76ZR	V78G	H80A
H70-P	D72R	B74	O76P	V78J	R80B
H70F	D72S	B74-P	O76R	V78JK	R80C
H70H	D72T	D74E	S76S	X78	S80L
H70J	D72U	D74F	V76T	Y78	T80
H70K	D72Z	F74T	X76	ZK78	T80H
H70V	H72G	H74C	Y76B	79B	T80J
H70W	H72H	H74L	Y76C	AS79	T80R
H70X	H72-PT	H74M	ZK76	B79	T80S

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Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #
T80U	X85	CA91C	MG91P	TO91	HD93
T80V	ZK85	CA91D	MG91R	TT91	X93
T80W	AS86	CA91L	MG91S	V91E	ZK93
UN80	B86	CA91S	OA91	V91LA	94
UN80L	B86GP	CAV91	OA91D	V91LD	CO94
V80P	B86-P	CO91	OA91P	V91LE	HD94
X80	B86-PC	CR91	OA91R	V91LF	X94
Y80T	H86-PT	CS91	OP91G	V91LG	ZK94
Y80TR	T86	CS91B	OP91S	V91LH	CO95
ZK80	X86	CS91C	OP91SV	V91N	HD95
A81L	ZK86	CS91CR	PA91	VA91	T95
A81M	CO87	CS91E	PR91	VR91	X95
A81N	CR87	CS91ER	PR91A	VR91A	ZK95
A81P	X87	CS91F	PR91C	VR91AR	96VF
AS81	ZK87	CS91FR	PR91CS	VR91B	B96
C81H	B88	DK91D	PR91M	VR91BR	B96-P
F81E	B88-P	DK91G	PR91MS	VR91C	HD96
F81K	B88-PC	DK91H	PR91N	VR91CR	HD96-P
J81J	CO88	DK91K	PR91NS	VR91R	LN96
K81D	CR88	DK91L	PR91S	VR91S	LN96-10
M81G	LN88	DK91U	PR91SA	W91C	NC96K
M81X	T88	F91C	RE91J	WA91	NC96M
T81A	X88	F91C2	RO91	WA91C	T96
T81B	ZK88	F91C8	RO91R	WA91L	X96
UN81	AS89	F91CR	RU91C	WA91P	ZK96
UN81L	B89	F91E	S91A	WA91PR	B97-PT
V81V	B89GP	F91EH	S91BV	WA91S	B97GPT
V81W	B89-P	F91ES	S91CV	WA91W	B97-PT5
X81	CO89	F91F	S91K	WA91WL	CO97
ZK81	CR89	F91FH	S91P	X91	HD97
AS82	T89	F91FS	S91R	Y91C	T97
H82-PT	X89	F91G	S91W	Z91	X97
HD82	ZK89	F91GH	SE91	Z91K	ZK97
HD82-P	90B	F91GS	SE91L	Z91KR	B98-PT
UN82	AS90	F91H	SEL91	ZE91C	B98GPT
UN82L	HD90	F91HH	SEL91R	ZE91CR	B98-PT5
X82	HD90-P	F91HS	SES91	ZE91G	CO98
ZK82	HD90-PC	FL91	SH91J	ZK91	HD98
AS83	INF90	GA91	SH91K	B92	HD98-P
H83F	LXP90-P	GAS91	SH91L	B92GP	HD98-PC
UN83	LXV90-P	GIP91	SH91M	B92GV	HT98
UN83L	X90	GU91	SH91N	B92-P	X98
X83	ZK90	GU91B	SH91P	C92	ZK98
ZK83	91B	GU91F	SH91Q	C92B	B99-PT
84B	AR91	GU91G	SH91R	CO92	B99GPT
AS84	B91	HD91	SH91S	HD92	B99-PT5
B84	B91-P	HD91-P	SK91E	HD92-P	HD99
B84GP	B91GP	JO91	SK91H	T92	HD99-P
B84-P	B91GCP	JO91C	SO91P	TO92	X99
X84	B91GOP	KS91C	SOS91	X92	ZK99
ZK84	BL91	KS91P	ST91	ZK92	100AM
AS85	BR91C	KVR91	ST91A	B93	B100-PT
B85	CA91	MG91	ST91F	B93-P	B100GPT
B85G	CA91A	MG91C	ST91S	B93GP	B100-PT5
UN85L	CA91B	MG91N	ST91V	B93GOP	HD100

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Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #
HD100-P	DM110	Y146	X161	G190E	X209
X100	HD110-P	X147	Y161PJP	G190EA	X210
ZK100	X110	X148	X162	G190F	X211
101AM	X111	149	163SB	G190FA	X212
B101	X112	TS149	X163	G190M	X213
B101-P	X113	Y149	Y163CHY-PT	G190MA	X214
HD101	X114	TS150	Y163JP-PT	X190	X215
HD101-P	DA23	X150	Y163PCHY	191A	X216
RU101	X116	X151	Y163PJP	G191	X217
X101	X117	X152	Y163RAM-PT	G191A	X218
Y101	X118	Y152	X166	SR191A	X219
ZK101	X119	Y152CHY	X167	X191	X220
102AM	X120	Y152-PC	X168	192	Y220
B102	X121	T153	X169	192B	X221
B102GP	H122A	X153	170S	A192	X222
B102GCP	H122AL	Y153	170S1	G192	X223
B102GOP	H122ALR	Y153CHY	170S6	G192A	X224
B102GMP	K122AR	Y153PCHY	170T	L192M	X225
B102-P	X122	Y153-P	S170S1	X192	X226
CO102	X123	X154	X170	G193	X227
HD102	T124	Y154	171S	G193A	X228
HD102-P	X124	Y154CHY	X171	X193	X229
VAC102T1	125C	Y154PCHY	X174	G194	X230
X102	125CR	Y154PJP	X175	G194A	X231
ZK102	X125	Y154-P	X176	L194	X232
103AM	X126	Y154-PC	177	X194	X233
B103-PT	T127	155	X177	G195	X234
B103-PT5	X127	X155	178SB	G195A	X235
HD103	X129	Y155	X178	X195	X236
HD103-P	X130	Y155CHY	X179	G196	X237
HD103-PC	T131	Y155PCHY	S180UR	G196A	X238
X103	X131	Y155-P	S180W	X196	X239
Y103	X132	Y155-PC	U180G	G197	X240
ZK103	X133	Y156VCHY	X180	X197	X241
104AM	Y133	X157	X181	G198	X242
B104-PT	X134	Y157	X182	X198	X243
B104-PT5	X135	Y157CHY	X183	G199	X244
HD104	136SB	Y157PCHY	184K	H199A	X245
X104	X136	Y157PJP	X184	H199N	X246
CR105	X137	Y157PNEONG	185V	X199	X247
HD105	138	Y157PNEONY	R185V	G200	X248
T105	X138	Y157PRAM	X185	X200	X249
X105	Y138	Y157-P	X186	Y200	X250
CO106	139	Y157-PC	X187	201	X251
HD106-PT5	T139	Y157-PC-GRN-N	X188	X201	X252
X106	X139	Y157-PC-YEL-N	X189	Y201	X253
CO107	X140	X158	A190	X202	X254
HD107-PT5	X141	Y158VCHY	G190	Y202	X255
T107	X142	X159	G190A	X203	X256
X107	143C	Y159	G190B	X204	X257
CO108	143D	Y159CHY	G190BA	Y204	X258
HD108	X143	Y159PCHY	G190C	X205	X259
X108	X144	Y159-P	G190CA	X206	X260
HD109	X145	X160	G190D	X207	X261
X109	X146	Y160-PT	G190DA	X208	X262

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Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #
X263	752	H997ER	998TA	H998SB	999GF
X264	755	J997M	998TB	H998SC	999GG
X265	755U	J997MR	998TC	H998SD	999GH
X266	757	O997A	998TD	H998SE	999GK
X267	759ST	O997E	998TE	H998SF	999LA
C350	760	O997ER	998TF	H998SG	999LB
355ST	765	O997G	998TG	H998SH	999LC
E374	770	O997K	998TH	H998SK	999LD
E375	775	R997DA	998TK	H998SMK	999LE
504	816A	R997EB	998TMK	H998SV	999LF
506	884	998	998VA	H998TA	999LG
606AH	884BR	998A	998VB	H998TB	999LH
606L	884BS	998FD	998VC	H998TC	999LK
606LH	884R	998GA	998VD	H998TD	999N
610B	885	998GB	998VE	H998TE	999R
610BL	885BL	998GC	998VF	H998TF	999T
611	885R	998GD	998VG	H998TG	999U
U611B	886	998GE	998VH	H998TH	999VA
615	887	998GF	998VK	H998TK	999VB
616	889A	998GG	998YA	H998TMK	999VC
617GL	S900	998GH	998YB	H998VA	999VD
617J	K924	998GK	998YC	H998VB	999VE
617JL	K926	998GL	998YD	H998VC	999VG
619	994ARM	998GST	998YE	H998VD	999VH
621	994M	998LA	998YF	H998VE	C999
621A	996M	998LB	998YG	H998VF	H999
U621A	997A	998LC	998YH	H998VG	H999R
623S	997B	998LD	998YK	H998VH	HS999
625DH	997D	998LE	998YMK	H998VK	O999CR
625EH	997DA	998LF	998ZA	H998YA	X999
S625P	997DB	998LG	998ZB	H998YB	X999A
628	997E	998LH	998ZC	H998YC	X999R
632M	997EB	998LK	998ZG	H998YD	1000
633MH	997ER	998PA	A998GST	H998YE	1000A
634	997G	998PB	D998GA	H998YF	1000AB
660	997GR	998PC	D998GB	H998YG	1000AB27
661	997GX	998PD	D998GC	H998YH	1000DA
662	997GXR	998PE	D998GD	H998YK	1000F
663	997JA	998PF	D998GE	H998YMK	1000FR
665	997JB	998PG	D998GF	H998ZA	1000FX
666	997JC	998PH	D998GG	H998ZB	1000G
667	997JD	998PK	D998GH	H998ZC	1000H
669	997JE	998R	D998GK	H998ZG	1000HL
671	997JF	998S	H998	S998GA	1000JR
672	997JG	998SA	H998GA	S998GB	1000K
687W	997JH	998SB	H998GB	S998GC	1000KC
687X	997JK	998SC	H998GC	999	1000P
687Y	997L	998SD	H998GD	999A	1000T
703S	997LA	998SE	H998GE	999B	1000V
704K	997PA	998SF	H998GF	999CA	1000W
706	997X	998SG	H998GG	999GA	1000X
719S	A997EH	998SH	H998GH	999GB	1000XK
723	B997EH	998SK	H998GK	999GC	F1000VR
725	H997E	998SMK	H998R	999GD	FR1000V
750	H997EB	998SV	H998SA	999GE	O1000GR

Can be ordered in increments of 10 each --- Not all keys are in stock - some may require special ordering

Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #
O1000GX	1001GB	R1001D	1004XM	1007RDM	O1007CM
O1000H	1001GH	R1001ED	H1004A	1007RE	O1007CN
R1000HL	1001GRM	R1001EE	1005	1007RF	O1007CR
R1000T	1001JL	R1001EF	1006	1007RG	O1007HA
R1000V	1001K	R1001EG	1007	1007RH	O1007HB
S1000T	1001MA	R1001EK	1007A	1007RHM	O1007HC
S1000V	1001MB	R1001EL	1007CA	1007RJ	O1007HD
S1000X	1001MC	R1001EM	1007CB	1007RK	O1007HDH
S1000XK	1001MD	R1001EN	1007CC	1007RL	O1007HE
SR1000T	1001MG	R1001EP	1007CD	1007RM	O1007HF
SR1000V	1001MJ	R1001ES	1007CE	A1007	O1007HG
SX1000F	1001MK	R1001ET	1007CF	L1007CA	O1007HH
SX1000FR	1001WL	R1001GA	1007CG	L1007CB	O1007HJ
X1000F	A1001ABM	R1001MJ	1007CH	L1007CC	O1007HK
X1000FR	A1001AH	S1001JB	1007CJ	L1007CD	O1007HL
X1000G	A1001AM	X1001KC	1007CK	L1007CE	O1007HM
X1000GR	A1001BH	1002	1007CL	L1007CF	O1007HN
X1000KC	A1001BM	1002A	1007CM	L1007CG	O1007JA
X1000KR	A1001C1	1002B	1007CN	L1007CH	O1007KM
XO1000F	A1001C2	1003A	1007G	L1007CJ	O1007LA
XO1000FR	A1001CDM	1003AB	1007HA	L1007CK	O1007LB
XO1000GR	A1001CM	1003B	1007HB	L1007CL	O1007LC
1001	A1001D1	1003C	1007HC	L1007CM	O1007LD
1001A	A1001D2	1003CD	1007HD	L1007CN	O1007LDH
1001A1	A1001DH	1003D	1007HDH	L1007LA	O1007LDM
1001A2	A1001DM	1003M	1007HE	L1007LB	O1007LE
1001AB	A1001EH	L1003A	1007HF	L1007LC	O1007LF
1001ABM	A1001EHR	L1003AB	1007HG	L1007LD	O1007LG
1001AH	A1001FH	L1003B	1007HH	L1007LE	O1007LH
1001AM	A1001GRM	L1003C	1007HJ	L1007LF	O1007LHM
1001BH	A1001HP	L1003CD	1007HK	L1007LG	O1007LJ
1001BM	A1001MA	L1003D	1007HL	L1007LH	O1007LK
1001C	A1001MB	L1003M	1007HM	L1007LJ	O1007LL
1001C1	A1001MF	R1003M	1007HN	L1007LK	O1007LM
1001C2	A1001MJ	S1003A	1007KM	L1007LL	O1007NB
1001CDM	A1001MJR	S1003AB	1007LA	L1007LM	O1007RA
1001CM	B1001EJ	S1003B	1007LB	N1007KMA	O1007RB
1001CR	L1001ABM	S1003C	1007LC	N1007KMB	O1007RC
1001D	L1001AH	S1003CD	1007LD	N1007KMC	O1007RD
1001D1	L1001AM	S1003D	1007LDH	N1007RMA	O1007RDH
1001D2	L1001BH	S1003M	1007LDM	N1007RMB	O1007RDM
1001DA	L1001BM	1004	1007LE	O1007CA	O1007RE
1001DH	L1001C1	1004A	1007LF	O1007CB	O1007RF
1001DM	L1001C2	1004AL	1007LG	O1007CC	O1007RG
1001E	L1001CDM	1004AR	1007LH	O1007CD	O1007RH
1001EA	L1001CM	1004AX	1007LHM	O1007CDH	O1007RHM
1001EB	L1001D1	1004AXA	1007LJ	O1007CDM	O1007RJ
1001EG	L1001D2	1004AXM	1007LK	O1007CE	O1007RK
1001EH	L1001DH	1004K	1007LL	O1007CF	O1007RL
1001EJ	L1001DM	1004KL	1007LM	O1007CG	O1007RM
1001EL	L1001EH	1004L	1007RA	O1007CH	1008
1001EN	L1001FH	1004M	1007RB	O1007CHM	1008A
1001ES	L1001GRM	1004N	1007RC	O1007CJ	A1008
1001FH	O1001E	1004R	1007RD	O1007CK	A1008A
1001GA	R1001CEM	1004SN	1007RDH	O1007CL	1009

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Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #
1009A	1011-L1	A1011-L1	A1012-59AD	1015C	1019XL
1009M	1011-L2	A1011-L2	A1012-59B	1015M	A1019M
O1009	1011-L3	A1011-L3	A1012-59B1	A1015C	1020
1010	1011-L4	A1011-L4	A1012-59B2	A1015L	1021A
1010A	1011-L12	A1011-L12	A1012-59C	A1015LR	1021B
1010B	1011-L34	A1011-L34	A1012-59C1	A1015M	1021BA
1010M	1011-L41	A1011-L41	A1012-59C2	A1015MR	1021N
1010N	A1011D1	B1011D1	A1012-59CD	A1015N	1022
1010S	A1011D2	B1011D2	A1012-59D	A1015NR	1022AB
1010SA	A1011D3	B1011D3	A1012-59D1	A1015P	1022H
1010T	A1011D4	B1011D4	A1012-59D2	A1015PR	1022HR
1010U	A1011D12	B1011D12	A1012-60	A1015Q	1022L
A1010U	A1011D34	B1011D34	L1012-D1	A1015QR	O1022
L1010N	A1011D41	B1011D41	L1012-D2	A1015R	O1022A
O1010	A1011H1	L1011-L1	L1012-D3	A1015RR	O1022AB
O1010A	A1011H2	L1011-L2	L1012-D4	A1015S	O1022E
S1010B	A1011H3	L1011-L3	L1012-D12	A1015SR	R1022L
1011	A1011H5	L1011-L4	L1012-D34	A1015T	1023
1011A	A1011H6	L1011-L12	L1012-D41	A1015TR	1023A
1011B	A1011H7	L1011-L34	1013	A1015U	1028
1011D1	A1011H8	L1011-L41	1013BF	A1015UR	1028A
1011D2	A1011M	N1011M	1013C	A1015V	1028AY
1011D3	A1011P	N1011P	1013DL	A1015VR	1028C
1011D4	A1011PZ	N1011S	1013F	A1015W	1028D
1011D12	A1011PZR	N1011T	1013G	A1015WR	1028DC
1011D34	A1011S	X1011KR	1013GR	A1015X	1028DD
1011D41	A1011T	1012	1014	A1015XR	1028E
1011GH	A1011-1N	1012A	1014A	A1015Y	1028F
1011GJ	A1011-2N	1012DM	1014B	A1015YR	1028G
1011K1	A1011-3N	1012-D1	1014C	L1015M	1028L
1011K2	A1011-4N	1012-D2	1014CE	L1015MR	1028M
1011K3	A1011-5N	1012-D3	1014D	1016	1028N
1011K4	A1011-6N	1012-D4	1014DA	1016N	1028NN
1011K5	A1011-7N	1012-D12	1014DB	1016NB	1028NR
1011K6	A1011-8N	1012-D34	1014DR	1017	1028P
1011K7	A1011-9N	1012-D41	1014DS	1017A	O1028A
1011K8	A1011-10N	1012-60	1014DX	1017B	O1028AH
1011K9	A1011-11N	A1012-D1	1014F	1017BA	1031
1011K10	A1011-12N	A1012-D2	1014J	1017BB	1033
1011K11	A1011-13N	A1012-D3	1014JM	1017BL	1033A
1011K12	A1011-14N	A1012-D4	1014JS	A1017BL	1033D
1011K13	A1011-15N	A1012-D12	1014K	O1017B	1033F
1011M	A1011-16N	A1012-D34	A1014DR	O1017M	1033G
1011MA	A1011-17N	A1012-D41	L1014D	O1017ML	1033N
1011MK	A1011-18N	A1012-H1	O1014J	O1017NL	1034
1011P	A1011-19N	A1012-H2	O1014JM	O1017NX	1034A
1011PAA	A1011-20N	A1012-H3	O1014JS	O1017VX	1034H
1011PH	A1011-21N	A1012-H5	O1014K	O1017WL	1034N
1011PM	A1011-22N	A1012-H6	O1014P	O1017WX	1036
1011PZ	A1011-23N	A1012-H7	O1014S	1019	1036A
1011S	A1011-24N	A1012-H8	O1014SM	1019A	1036G
1011T	A1011-25N	A1012-59A	X1014F	1019C	1036S
1011-04A	A1011-26N	A1012-59A1	X1014L	1019D	1036SF
1011-04AS	A1011-27N	A1012-59A2	1015	1019DA	1036U
1011-28N	A1011-28N	A1012-59AB	1015A	1019R	1040

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Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #
1040A	R1041DV	1054P	O1054K	1069D	1074N
1040B	S1041H	1054R	O1054KR	1069E	A1074B
1040C	S1041JA	1054TW	X1054AR	1069F	A1074E
1040E	S1041T	1054UN	X1054BK	1069FL	A1074F
1040U	SC1041R	1054WB	X1054C	1069FN	A1074G
R1040C	SC1041S	1054WC	X1054F	1069FNA	1079
R1040E	SC1041SR	1054WD	X1054GA	1069G	1079A
1041B	SC1041T	1054WF	X1054GB	1069H	1079AB
1041C	SC1041TR	1054WH	X1054GC	1069HN	1079B
1041CE	SC1041YR	1054WJ	X1054GD	1069L	1080
1041CK	1042A	1054WK	X1054GE	1069LA	1083
1041D	1042B	1054WL	X1054GF	1069LB	1083C
1041DB	1042M	1054WN	X1054JA	1069LC	1083H
1041DC	1042Z	1054WP	X1054JK	1069M	1083J
1041DE	L1042A	1054WR	X1054K	1069N	1083K
1041DH	L1042B	1054X	X1054KF	1069P	1083L
1041DV	L1042M	A1054KD	X1054KR	1069S	1083M
1041E	S1042Z	A1054WB	X1054LF	1069SM	1083N
1041FE	S1042ZM	A1054WC	X1054LR	1069T	1083P
1041FG	S1042ZP	A1054WD	X1054SC	1069W	1083R
1041FM	S1042ZS	A1054WF	X1054WA	1069YM	1083S
1041G	1043B	A1054WH	X1055GA	GF1069	1083T
1041GA	1043C	A1054WJ	X1055GB	LC1069	1084
1041GB	1043D	A1054WK	X1055JK	M1069C	1089C
1041GR	1043E	A1054WL	X1055JR	M1069L	1091
1041H	1043ED	A1054WN	1060C	N1069B	1092
1041HM	1043F	A1054WP	1063	N1069C	1092-40
1041K	1043G	A1054WR	1063B	N1069E	1092-52
1041M	1043J	B1054B	1063D	N1069G	1092-600A
1041N	1043V	C1054B	1063E	N1069J	1092-900
1041P	1045	D1054K	1064	R1069L	1092-6000
1041S	A1045	D1054KA	NH14A	S1069G	1092-6000B
1041T	1046	H1054B	1064D	S1069H	1092-7000
1041TR	1046A	H1054F	1064L	S1069M	1092-7000B
1041W	1047	H1054L	1064M	S1069T	1092-8105
1041WC	1047A	H1054S	L1064C	1071	1092B
1041X	1047CL	H1054SR	R1064D	1071A	1092C
1041Y	1047CR	K1054B	R1064E	1071AB	1092D
A1041U	1047M	L1054AR	S1064A	1071B	1092DD
C1041A	1049D	L1054B	1065	1071BD	1092DS
C1041B	1049E	L1054F	1065C	1071BE	1092E
C1041C	1052A	L1054G	1065D	1071BM	1092H
C1041DN	1052B	L1054JA	1065E	1071D	1092J
C1041J	1052C	L1054JK	1065F	1071E	1092N
C1041JB	X1053	L1054M	1066	1071M	1092NR
C1041L	1054	L1054WB	1067B	1072	1092NTG
C1041N	1054DL	L1054WC	1068	1073	1092R
C1041P	1054F	L1054WD	1068B	1073DF	1092TG-ILCO
C1041R	1054FN	L1054WH	1068E	1073K	1092V
C1041SR	1054G	M1054B	1069	S1073DF	1092VA
C1041T	1054K	MD1054K	1069-5X	1074B	1092VB
C1041TR	1054KD	N1054K	1069-5Y	1074BM	1092VM
C1041YR	1054LB	N1054WB	1069-5Z	1074E	1092VR
H1041T	1054MT	O1054	1069B	1074F	1093
R1041DC	1054N	O1054A	1069C	1074G	1093H

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Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #
1095	P1098A	1118	1127	1141H	A1170D
1095A	P1098AV	1119	1127B	1141JE	L1170
1095H	P1098C	1119S	1127D	1141JL	S1170LN
1095HL	P1098CV	1120D	1127DP	1141K	1171
1096	P1098E	1120F	1127DU	1141L	1171B
1096C	P1098EV	1120G	1127ES	1141W	1171P
1096EN	P1098J	1120H	1127F	1143	1175
1096FL	P1098V	1120J	1127FD	1145	1175N
1096FM	P1098WC	1120K	1127FL	1145A	1176
1096FS	P1098WE	1120N	1127FR	1145CE	1176D
1096L	S1098B	1120S	1127H	1145E	1176RK
1096NL	S1098D	1122D	1127J	1145EF	A1176
C1096C	S1098H	E1122A	1127K	1145F	A1176ST
C1096CN	S1098K	F1122A	1127L	1145FG	CR1176
C1096LN	S1098WD	F1122AR	1127M	1145G	S1176
EB1096K	S1098WH	H1122AR	1127ME	1145H	SC1176
EO1096K	SC1098X	H1122F	1127MP	1145J	1177
L1096CN	P1099	H1122FR	1127MU	1145K	1177A
R1096EN	P1101	H1122M	1127N	1145L	1177N
S1096B	S1105	H1122W	1127P	A1145CE	1178
S1096C	P1106	K1122B	1127T	A1145E	1179
S1096FL	P1107	K1122C	1127TB	A1145EF	1179A
S1096FM	P1108	K1122D	M1127A	A1145F	A1179E
S1096G	1109V	K1122N	P1127C	A1145FG	A1179F
S1096JN	P1109	L1122A	S1127FD	A1145G	A1179G
S1096P	P1110	L1122AR	S1127FL	A1145H	A1179H
1098DB	1110A	L1122B	S1127FR	A1145J	A1179J
1098GM	1110B	NO1122D	S1127LC	A1145K	A1179K
1098GX	P1111	O1122	S1127ME	A1145L	A1179L
1098JD	P1112	O1122A	S1127MU	D1145	A1179N
1098L	P1113	O1122AR	1130	D1145A	A1179P
1098M	1114	O1122B	1130R	K1145	A1179R
1098NR	A1114A	O1122BE	1131	1146	A1179S
1098PB	A1114B	O1122BER	1131R	1147	A1179T
1098X	A1114C	O1122BR	1132	1148	A1179U
1098XL	A1114D	O1122C	H1132	1154C	A1179V
C1098A	A1114DD	O1122NV	HR1132	1154ES	B1179-1C
C1098JD	A1114E	O1122R	R1132	1154G	B1179-1D
D1098B	A1114F	1123	1133	1154GR	N1179
D1098BM	A1114FM	1123A	1133A	1154L	N1179A
D1098X	A1114G	1123S	1134	1167FD	1180S
H1098A	A1114H	A1124	1135	S1167C	1181C
H1098C	A1114J	1125	1136S	S1167FD	1181FD
H1098DB	A1114K	1125A	1137B	1170	S1181FD
H1098L	A1114L	1125D	1137S	1170B	1182
H1098LA	A1114M	1125F	L1137	1170BD	1184FD
H1098M	A1114Q	1125G	1140	1170C	1185FD
H1098NR	A1114R	1125H	1140G	1170CJ	1185TF
H1098X	A1114TB	1125K	1140P	1170D	1185T-P
L1098C	1115	1125M	1141	1170E	S1185TF
L1098LA	1115A	1125X	1141A	1170LN	S1185T-P
L1098M	1115AL	D1125	1141E	1170M	1186TS
O1098B	1115B	GP1125	1141F	A1170B	1186TS-P
O1098D	1115BL	O1125NR	1141GE	A1170C	S1186F
O1098LA	1115XL	1126M	1141GS	A1170CB	S1186M

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Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #	Key Blank #
S1186TS	1225F	SC1348	1539	1597	P1795
S1186TS-P	1225G	1360G	1540	1598	1866-4
1188LN-P	1225PL	1362	1541	1599	1866-7
1190LN	O1225N	1365	1544	1600	1866-10
1191ET	1226	1366	1545	1601	1866-13
1193FD	1233M	SC1368	1546	1602	1970AM
1193MU	1239	1370	1548	1603	S1970AM
1195FD	1242	1387	1549	1604	K1994
1196CM	1242L	1387G	1550	1605	2712
1196FD	1243D	1388	1551	1606	2714
1196LN-P	SC1246	1388L	1552	1607	3916-21
1196V	SC1247	1389G	1553	1608	3916-22
1199C	SC1248	1390	1554	1609	4015
1199D	1259	1390G	1556	1610	4436
1199DR	1262A	1396S	1557	1611	6750
1199E	1270	SC1400	1558	1614	
X1199A	1270A	1412	1559	1616	
X1199AR	1270B	1416	1560	1701G	
X1199B	1270C	1417	1561	1702K	
X1199G	1270D	1417A	1562	1703K	
X1199J	1270H	1418	1563	1704K	
XO1199B	1271H	1422	1564	1705K	
XO1199G	1286	1425	1565	1706K	
1206A	1286B	1426	1566	1759P	
1209	1286BR	1427	1567	D1759L	
1210A	1286C	1430	1568	1761B	
1211B	1286E	SC1456	1569	1761LP	
1213A	N1286	SC1460	1570	1761LS	
1213AH	N1286R	SC1467	1571	1761MP	
1213AS	R1286E	SC1468	1573A	1761MS	
O1213	1303	1502	1573B	1764P	
1214	1303S	1502M	1573C	1764S	
1215A	1306	1503	1573D	1766DT	
1215B	1306A	1510	1573E	1766LN	
O1215	S1306A	1511	1573F	1766S	
1217	1307A	1512	1574	S1766LN	
1217A	1307W	1516	1574R	1767CH	
1217D	L1307A	1519	1581G	1767DT	
1221AL	L1307W	1521	1581H	S1767CH	
1221L	R1307A	1522	1583	1768CH	
O1221L	R1307W	1523	1584	S1768CH	
1222AL	1309	1524	1585	1769CH	
1222B	1321	1525	1587	1770CH	
1222E	1321H	1526	1588	P1770U	
1222L	1322S	1527	1589I	S1770U	
O1223	1323	1528	1589J	U1770CH	
O1223L	1323L	1528R	1590K	P1771CR	
1224	1326	1529	1591L	S1771CR	
1224F	1332	1531	1591M	P1786	
1224L	1332S	1533	1591N	P1789	
1225	1333	1534	1591P	P1790TC	
1225A	1334	1536	1592	1793V	
1225BL	1335S	1536R	1594	P1793	
1225D	SC1345	1537	1595	1794V	
1225E	SC1347	1538	1596	P1794	

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ITEM NUMBER	DESCRIPTION
JT 100C-NS	100C-NS SCHLAGE 35-100C 5 PIN
JT 137B	137B ACE TUBULAR BRASS
JT AIR-5-BR	AIR-5-BR MEDECO LEVEL 1-5 PIN
JT AIR-6-BR	AIR-6-BR MEDECO LEVEL 1-6 PIN
JT AM6	AM6 PTKB-1 5 PIN NEW BOW
JT AR1	AR1 K2 5 PIN
JT AR4	AR4 K7 6 PIN
JT AR4RH	AR4RH ARROW K7 HOTEL KEY BLANK
JT B1	B1 B/S 75101
JT B10	B10 GM IGN
JT B11	B11 GM TRUCK
JT B15-NS	B15-NS UNIVERSAL GM KEYWAY
JT B2	B2 BRIGGS & STRATTON 75101
JT B4	B4 BRIGGS & STRATTON
JT B44E	B44E GM "E"
JT B44E-NP	B44E-NP GM-E NICKEL PLATED
JT B45H	B45H GM TRK "H"
JT B45H-NP	B45H-NP GM-H NICKEL PLATED
JT B46J	B46J GM IGN "J"
JT B46J-NP	B46J-NP GM-J NICKEL PLATED
JT B47K	B47K GM TRK "K"
JT B47K-NP	B47K-NP GM-K NICKEL PLATED
JT B48A	B48A GM IGN "A"
JT B48A-NP	B48A-NP GM-A NICKEL PLATED
JT B49B	B49B GM TRK "B"
JT B49B-NP	B49B-NP GM-B NICKEL PLATED
JT B5	B5 BRIGGS & STRATTON 320734
JT B50C	B50C GM IGN "C"
JT B50C-NP	B50C-NP GM-C NICKEL PLATED
JT B51D	B51D GM TRK "D"
JT B51D-NP	B51D-NP GM-D NICKEL PLATED
JT B65-NP	B65-NP GM GEO METRO 89 STRM 90
JT B82-NP	B82-NP GM GRAND AM/SKYLARK '94
JT B86-NP	B86-NP GM DOUBLE SIDED 1995
JT BE2	BE2 BEST "A" BR
JT BEZ	*BEZ BEST A(SEE JT BE2)
JT C098	C098
JT CG1	CG1 CHICAGO K4
JT CG16	CG16 CHICAGO K5
JT CG22	CG22 CHICAGO K35
JT CO26	CO26 CORBIN 8658JVL
JT CO68	CO68 CORBIN 5865JVL
JT CO87	CO87 CORBIN Z1-60-5
JT CO88	CO88 CORBIN Z1-60-6
JT CO89	CO89 CORBIN Z1-059AB-6
JT CO91	CO91 CORBIN Z1-59A1-6
JT CO94	CO94 CORBIN Z1-59B1-6
JT D8785	D8785 NATIONAL 5 PIN
JT DA25-NP	DA25-NP DATSUN NISSAN 82-90
JT DE6	DE6 DEXTER 67
JT DE8	DE8 DEXTER 62

ITEM NUMBER	DESCRIPTION
JT EA27	EA27 EAGLE 11929 HARLOC
JT ES8	ES8 ESP 5 DISC
JT FA3	FA3 FALCON-KB1577G 6 PIN
JT GAS	GAS B/S 75101, 32383
JT H50	H50 FORD TRUCK
JT H50-NP	H50-NP FORD TRUCK NICKEL PLATE
JT H51	H51 FORD IGN
JT H51-NP	H51-NP FORD IGN NICKEL PLATE
JT H54	H54 FORD IGN 1984 1/2 ON
JT H54-NP	H54-NP FORD IGN 1984 1/2 ON
JT H60	H60 FORD LINC TOWN CAR 1990
JT H75	H75 FORD 1996 8 CUT
JT HD90-NP	HD90-NP HONDA 1982-1989
JT HK1	HK1 HAWORTH BLANKS
JT HK2	HK2 HAWORTH BLANKS
JT HK3	HK3 HAWORTH BLANKS
JT HK4	HK4 HAWORTH BLANKS
JT HL1	HL1 AUTH FLORENCE HUDSON
JT HL2	HL2 BOMMER HUDSON
JT IN29	IN29 ILCO 1054UN
JT IN3	IN3 ILCO X1054K
JT IN33	IN33 ILCO 1054MT
JT IN8	IN8 ILCO L1054B CHICAGO K5
JT K101	K101 CHICAGO
JT K102	K102 CHICAGO
JT K103	K103 CHICAGO
JT K104	K104 CHICAGO
JT KP1	KP1 CHICAGO
JT KP9	KP9 CHICAGO
JT KW1	KW1 KWIKSET 1063
JT KW1-214	KW1-214 JET GROOVEY LILY
JT KW1-216	KW1-216 JET GROOVEY PAISLEY
JT KW1-250	KW1 KWIKSET 1063-250 PK
JT KW1-252	KW1-252 GROOVEY BLUE FLORAL
JT KW1-253	KW1-253 GROOVEY FLORAL BURST
JT KW1-300	KW1-300 JET GROOVEY JUNGLE CAT
JT KW1-305	KW1-305 JET OLD GLORY KEYS
JT KW1-325	KW1-325 JET VALENTINE KEYS
JT KW1-NP-250	KW1-250 KWIKSET NICKEL PLATED
JT KW1-UN-DD	KW1 KWIK-UNI-DND
JT KW10	KW10 KWIKSET/TITAN 6 PIN
JT KW1RH	KW1RH KWIKSET 1063 HOTEL
JT L1	L1 LOCKWOOD 5 PIN
JT L4	L4 LOCKWOOD 6 PIN
JT M1	M1 MASTER 1K
JT M1-250	M1-250 MASTER 1K
JT M1-UN-DD	M1 MASTER 4PIN UNI-DND
JT M10	M10 MASTER 15K
JT M11	M11 MASTER 17K
JT M12	M12 MASTER 150K
JT M13	M13 MASTER 130K
JT M2	M2 MASTER 7K
JT M27	M27 MASTER 27K
JT MA3	MA3 MASTER PADLOCK

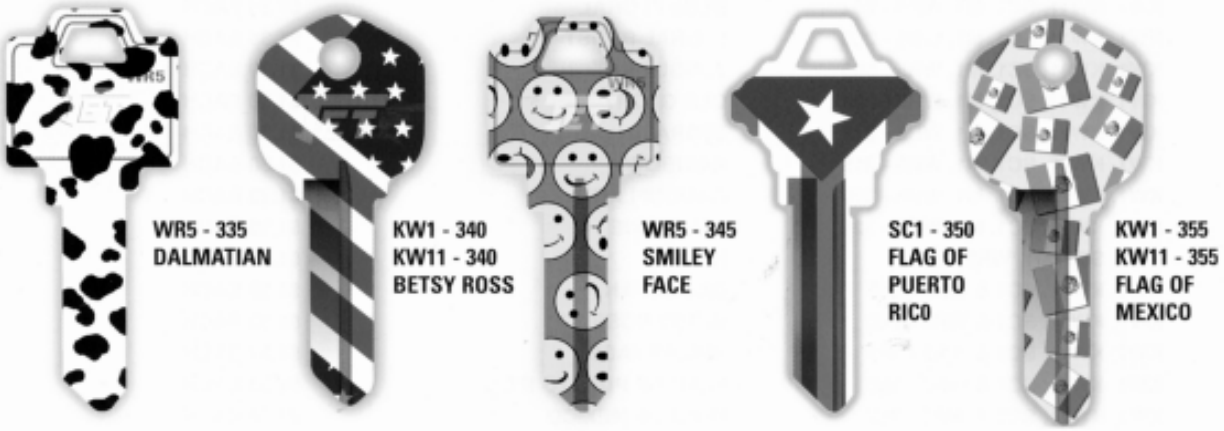
ITEM NUMBER	DESCRIPTION
JT MD17	MD17 MASTER DEXTER 67 NEW BOW
JT MZ13-NP	MZ13-NP MAZDA 1983-89
JT NA12	NA12 NATIONAL D4292
JT NA14	NA14 NATIONAL ROCKFORD
JT NA24	NA24 NATIONAL D4293
JT NA6	NA6 NATIONAL D4295
JT RA3	RA3 AMER MOTORS TRUNK 1970-ON
JT RA4	RA4 AMER MOTOR IGNITION '70-ON
JT RU1	RU1 RUSSWIN 852B
JT RU16	RU16 RUSSWIN 6961 6 PIN
JT RU4	RU4 RUSSWIN 5981 5 PIN
JT RU45	RU45 RUSSWIN 5D1
JT RU46	RU46 RUSSWIN 6D1
JT S16	S16 SARGENT 270LN 5 PIN
JT S22-1/2	S22-1/2 SARGENT 5 PIN LA
JT S22-LA	S22-LA SARGENT 6275LA 6 PIN
JT S31	S31 SARGENT 6270RN 6 PIN
JT S32	S32 SARGENT 270RN 5 PIN
JT S68	S68 SARGENT 2755 5 PIN
JT SC1	SC1 SCHLAGE 35-100-C 5 PIN
JT SC1-214	SC1-214 JET GROOVEY KEYS LILY
JT SC1-216	SC1-216 JET GROOVEY KEYS PAISL
JT SC1-250	SC1 SCHLAGE 35-100C 250 PK
JT SC1-252	SC1-252 JET GROOVEY BLUE FLORA
JT SC1-253	SC1-253 JET GROOV FLORAL BURST
JT SC1-300	SC1-300 JET GROOV JUNGLE CAT
JT SC1-305	SC1-305 JET OLD GLORY KEYS
JT SC1-325	SC1-325 JET VALENTINE KEYS
JT SC1-NP-250	SC1-250 SCHLAGE NICKEL PLATED
JT SC1-UN-DD	SC1 SCH-UNI-DND 5 PIN
JT SC10	SC10 SCHLAGE 35-101F 6 PIN
JT SC19	SC19 SCHLAGE MASTER 5 PIN
JT SC1RH	SC1RH SCHLAGE 5 PIN "C" HOTEL
JT SC20	SC20 SCHLAGE MASTER 6 PIN
JT SC22	SC22 SCHLAGE 35-200W
JT SC4	SC4 SCHLAGE 35-101C 6 PIN
JT SC4-UN-DD	SC4-UN-DD UNI BOW SCHLAGE
JT SC4RH	SC4RH SCHLAGE 6 PIN "C" HOTEL
JT SC6	SC6 SCHLAGE 35-180A
JT SC7	SC7 SCHLAGE 35-100F 5 PIN
JT SC8	SC8 SCHLAGE 35-100E 5 PIN
JT SC9	SC9 SCHLAGE 35-100E 6 PIN
JT SC9-UN-DD	SC9 SCH-UNI-DND 6 PIN
JT SC9RH	SC9RH SCHLAGE 6 PIN "E" HOTEL
JT SE1	SE1 SEGAL K9
JT SW1	SW1 SHAW WALKER
JT TR33-NP	TR33-NP TOYOTA LONG HEAD 1983
JT TR37-NP	TR37-NP TOYOTA CAMRY 1984-89
JT TR40-NP	TR40-NP TOYOTA 1988-ON
JT TR46	TR46-NP TOYOTA 1991+
JT TR47	*TR47 TOYOTA 1992+
JT TR47-NP	TR47-NP TOYOTA CAMRY PRIM 1992
JT VL6	VL6-NP VOLVO 1977-85
JT VL8	VL8-NP VOLVO 1986-ON

ITEM NUMBER	DESCRIPTION
JT WK2	WK2 WESLOCK
JT WR3	WR3 WEISER 1555
JT WR3-UN-DD	*WR3 WEI-UNI-DND (DISC)
JT WR3RH	WR3RH WEISER 1555 HOTEL
JT WR5	WR5 WEISER 1555 SQUARE HEAD
JT WR5-214	WR5-214 JET GROOVEY KEYS LILY
JT WR5-216	WR5-216 JET GROOVEY KEYS PAISL
JT WR5-250	WR5 WEISER SQUARE HEAD 250 PK
JT WR5-252	WR5-252 JET GROOVEY BLUE FLORA
JT WR5-253	WR5-253 JET GROOV FLORAL BURST
JT WR5-300	WR5-300 JET GROOV JUNGLE CAT
JT WR5-305	WR5-305 JET OLD GLORY KEYS
JT WR5-325	WR5-325 JET VALENTINE KEYS
JT WR5-NP-250	WR5-250 WEISER NICKEL PLATED
JT WR5-UN-DD	WR5 WEI-UNI-DND
JT WR6	WR6 WEISER SQUARE HEAD 6 PIN
JT WR6RH	WR6RH WEISER 6 PIN HOTEL
JT XL7	XL7 XL LETTER BOX
JT Y1	Y1 YALE 8 5 PIN
JT Y1-250	Y1-250 YALE 8 5 PIN
JT Y1-UN-DD	Y1 YALE-UNI-DND
JT Y11	Y11 YALE 9114
JT Y12	Y12 YALE 9278
JT Y13	Y13 YALE 9119A
JT Y14	Y14 YALE 9279
JT Y149	Y149 CHRY TRK 1966 ON
JT Y152	Y152 CHRY IGN 1965 ON
JT Y154	Y154 CHRY 1990
JT Y155	Y155 CHRYSLER 1993 BRASS
JT Y157	Y157 CHRY 1994
JT Y157-NP	Y157-NP CHRYSLER 1994
JT Y159	Y159 CHRYSLER 1995
JT Y1E	Y1E YALE 8E 5 PIN "E" BOW
JT Y2	Y2 6PIN-Y1
JT Y6	Y6 YALE X10-1/2 4 PIN
JT Y78	Y78 YALE GA

JET

NEW PATTERNS

GROOVY KEYS



WR5 - 335 DALMATIAN

KW1 - 340
KW11 - 340
BETSY ROSS

WR5 - 345
SMILEY FACE

SC1 - 350
FLAG OF PUERTO RICO

KW1 - 355
KW11 - 355
FLAG OF MEXICO

In all these wild Groovy key patterns!



214 LILY

216 PAISLEY

252 BLUE FLORAL

253 FLORAL BURST

300 JUNGLE CAT



305 OLD GLORY

310 ZEBRA

315 RAINBOW

320 CAMOUFLAGE

325 VALENTINE

330 HOLLY



335 DALMATIAN

340 BETSY ROSS

345 SMILEY FACE

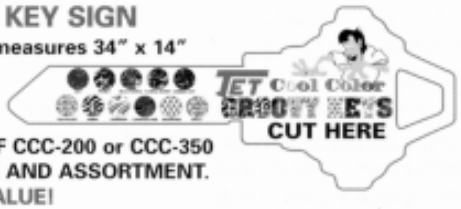
350 FLAG OF PUERTO RICO

355 FLAG OF MEXICO

MANY NEW DESIGNS AVAILABLE! CALL FOR INFORMATION!

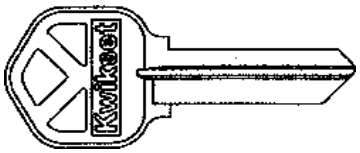
FREE GROOVY KEY SIGN

Large and colorful, measures 34" x 14"



WITH PURCHASE OF CCC-200 or CCC-350 GROOVY KEY RACK AND ASSORTMENT.
A $25.90 DEALER VALUE!

JET

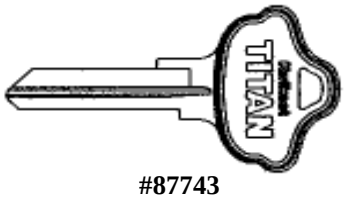


#81063

K Bow, Nickel Plated

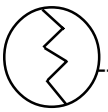
KWIKSET OPERATING KEY BLANKS

KWIKSET & KWIKSET TITAN KEY BLANKS SOLD IN BOXES OF 50 pcs



#87743

Large Bow, Nickel Plated



Warded
Corrugations
--Left Hand
Right Hand--



MASTER® KEY BLANKS

Exact replacement blanks for genuine Master Lock keys
Blanks with black covered key heads avail.

ITEM#	DESCRIPTION	BOX QTY
PIN TUMBLER TYPES:		
K1-BOX	For Nos. 1, 2, 3, 4, 5, 6, 11, 34, 35, 36, 37, 39, 40, 255, 311, 312, 315, 317, 430, 443, 475, 613, 1317, 1803, and 1805 locks	50
K2-BOX	Special for Nos. 1MK2K, 2MK2K, 3MK2K, 4MK2K, 5MK2K, 6MK2K, and 11MK2K locks	50
K7-BOX	For Nos. 7, 8, 90, 97, 716, 719, and 1807 locks	50
K15-BOX	For No. 15 lock	50
K17-BOX	For No. 17 lock	50
K19-BOX	For No. 19 lock	50
K27-BOX	For Nos. 21, 24, 25, 27, 31, 101, 220, and 230 locks	50
K81KR-BOX	For Nos. 81, 82, 530, 532, 533, 570, 575, 576, 751, 991, 992, 996, 1710 and 1714 locks	50
K81KM-BOX	Special for Nos. 81MK, 82MK, 1710MK, AND 1714MK locks (master key systems only)	50
K101-BOX	No. K1 key blank with black covered key head; ideal for Nos. 1 and 3 EX Series locks and No. 380 locks	50
K120-BOX	For Nos. 120, 121, 1820, 1825 and 4120 locks	50
K130-BOX	For Nos. 130, 131, 132, 133, 134, 135, 136, 140, 141, 142, 143, 144, 145, 146, 372, 605, 614, 631, 635, 645, 1830, 1840, 4130, and 4140 locks	50
K150-BOX	For Nos. 150, 151, 160, 373, 527, 590, 640 and 4150 locks	50
K257L-BOX	For Nos. 259 and 262 locks with left-hand corrugation (see illustration)	50
K257R-BOX	For Nos. 259 and 262 locks with right-hand corrugation (see illustration)	50
K600-BOX	For Nos. 220 and 230 locks and all Pro Series® with American cylinder #600A, 1000, or 5000	50
K700-BOX	For No. 97 and Pro Series® with No. 700A Cylinders	50
K900-BOX	No. K7 key blank with black covered key head; ideal for No. 7 EX Series locks	50
K8103-BOX	For Nos. 911, 930, 931, and 937 locks	50
K8105-BOX	For Nos. 8103, 8104, and 8106 locks	25
K8109-BOX	For Nos. 8105 and 8125 locks	50
K8121-BOX	For No. 8109 locks	50
K8154-BOX	For No. 8154 locks	25
K8181-BOX	For Nos. 8181 and 8182 locks	25
K8185-BOX	For Nos. 8108, 8155, 8174, 8185 and 8189 locks	25
K8186-BOX	For Nos. 8155, 8174, and 8184 locks	25
K8187-BOX	For 8187 locks	25
K8188-BOX	For 8188 locks	25
WARDED TYPES:		
K9-BOX	For No. 9 lock	50
K10-BOX	For Nos. 10 and 12 locks	50
K22L-BOX	For No. 22 lock with left-hand corrugation (see illustration)	50
K22R-BOX	For No. 22 lock with right-hand corrugatoin (see illustration)	50
K105-BOX	For Nos. 105, 116, and 119 locks	50
K500L-BOX	For Nos. 450 and 500 locks with left-hand corrugation (see illustration)	50
K500R-BOX	For Nos. 450 and 500 locks with right-hand corrugation (see illustration)	50
K510-BOX	For Nos. 510, 517 and 518 locks	50

NATIONAL CABINET LOCK KEY BLANKS



PIN TUMBLER BLANKS

Item#	Description	Profile
D4290	3 Pin Tumbler	
D4291	4 Pin Tumbler	
D4292	5 Pin Tumbler	
D4293	5 Pin Tumbler	



D4296



D4297

4-PIN TUMBLER BLANKS

Item#	Description	Profile
D4296	4 Pin Tumbler	
D4297	4 Pin Tumbler	



5-PIN TUMBLER BLANKS

Item#	Description	Profile
D4295	4 Pin Tumbler	



TUBULAR KEY BLANKS

Item#	Description	Profile
D4223	7 Pin Tumbler	



4 DISC TUMBLER BLANKS

Item#	Description	Profile
D8780	4 Disc Tumbler	
D8781	4 Disc Tumbler	
D8782	4 Disc Tumbler	
D8790	4 Disc Tumbler	



#D8001 - Pin Tumbler Key Code Book
#D8002 - Disc Tumbler and Lever Tumbler Key Code Book

KEY BLANKS ARE SOLD IN BOXES OF 50pcs



5 DISC TUMBLER BLANKS

Item#	Description	Profile
D8783	5 Disc Tumbler	
D8784	5 Disc Tumbler	
D8785	5 Disc Tumbler	
D8786	5 Disc Tumbler	
D8791	5 Disc Tumbler	
D8792	5 Disc Tumbler	
D8793	5 Disc Tumbler	
D8794	5 Disc Tumbler	



6 DISC TUMBLER BLANKS

Item#	Description	Profile
D8787	6 Disc Tumbler	
D8788	6 Disc Tumbler	
D8789	6 Disc Tumbler	
D8795	6 Disc Tumbler	
D8796	6 Disc Tumbler	
D8798	6 Disc Tumbler	



FREEZER LOCK KEYS

Item#	Description	Profile
D8590	Freezer Lock Key Wrench - Cross	
D8591	Freezer Lock Key Wrench - Pentagon	



WARDED BARREL KEY

#8890



5 or 6 DISC TUMBLER REVERSIBLE KEY BLANKS

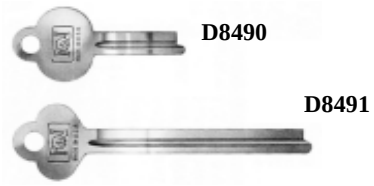
Item#	Description	Profile
D8777	5 or 6 Disc Tumbler	
D8778	5 or 6 Disc Tumbler	
D8776	5 or 6 Disc Tumbler	



D8194 D8193 D8192

FLAT LEVER TUMBLER KEY BLANKS

Item#	Description	Profile
D8194	Lever Tumbler (cut)	
D8192	Lever Tumbler blank	
D8193	Lever Tumbler blank	



D8490

D8491

PARACENTRIC LEVER TUMBLER KEY BLANKS

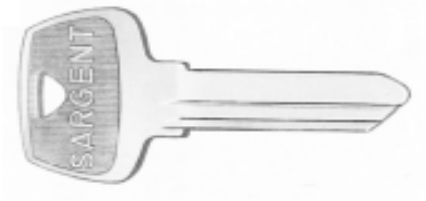
Item#	Description	Profile
D8490	Lever Tumbler (cut)	
D8491	Lever Tumbler blank	



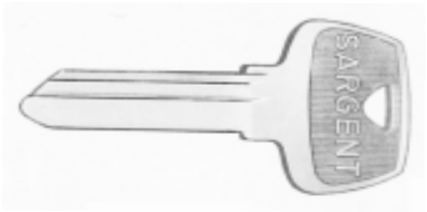
D4299 D8799 D8999 D8419

ORIGINAL MASTER KEYS

Item#	Description
D4299	Pin Tumbler-GM1 Masterkey
D8419	Lever Tumbler 5LM Flat Mstrkey
D8799	Disc Tumbler E41A Masterkey
D8999	Disc Tumbler E13A Masterkey



SARGENT ASSA ABLOY KEY BLANKS



KEY BLANKS ARE SOLD IN BOXES OF 50pcs

5 PIN

Blank#	Section	Blank#	Section
265	U	275	LE
270	LD		LF
	LH		LG
	LM	275	LJ
	LDH		LK
	LDM		LL
	LHM		RA
	LN		RB
	RD		RC
273	RH		RE
	RM		RF
	RDH		RG
	RDM		RJ
	RHM		RK
	RN		RL
270	CD	278	CA
	CH		CB
	CM		CC
	CDH		CE
	CHM		CF
	CN		CG
275	S		CJ
275	LA		CK
	LB		CL
	LC		

6 PIN

Blank#	Section	Blank#	Section
6270	U	6275	LE
	LD		LF
	LH		LG
	LM		LJ
	LDH		LK
	LDM		LL
	LHM		RA
	LN		RB
	RD		RC
	RH		RE
	RM	6275	RF
	RDH		RG
	RDM		RJ
	RHM		RK
	RN		RL
6273	CD	6278	CA
	CH		CB
	CM		CC
	CDH		CE
	CDM		CF
	CHM		CG
	CN		CJ
6275	LA		CK
	LB		CL
	LC		

7 PIN

Blank#	Section	Blank#	Section
7270	LD	7275	LE
	LH		LF
	LM		LG
	LDH		LJ
	LDM		LK
	LHM		LL
	LN		RA
	RD		RB
	RH		RC
	RM		RE
	RDH		RF
	RDM		RG
	RHM	7275	RJ
	RN		RK
7273	CD		RL
	CH	7278	CA
	CM		CB
	CDH		CC
7273	CDM		CE
	CHM		CF
	CN		CG
7275	LA		CJ
	LB		CK
	LC		CL

ILCO PRESENTATION KEYS



A unique gift, an impressive award, and a real attention getter.

Key comes with a luxurious jeweler's case.

Key measures 8-1/4" long.



#703-03-41 - Polished Brass

#703-27-41 - Satin Chrome



SCHLAGE KEY BLANKS



CLASSIC

Standard Front & Back
35-100 5-Pin
35-101 6-Pin
35-056 Control



Plain Both Sides
35-130 5-Pin
35-131 6-Pin
35-076 Control



Large Bow
35-135C 5-Pin C only



Access Bow
35-143 5-Pin
35-144 6-Pin



Large Bow
35-140 5-Pin
35-141 6-Pin



EVEREST*

Standard Front
35-009 Std for C Family
35-002 Std for D Family
Opt for C Family



Optional Plain Front
35-015 Opt for C & D Families



Small Format IC
35-401 All Blanks are Restricted



PRIMUS*

Standard Front
35-157 Operating
35-158 Control

Plain Front
35-053 Operating
35-052 Control



Large Bow
35-116

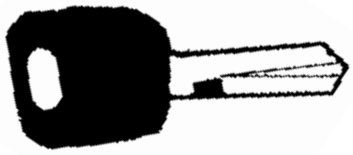
Override Key
35-114



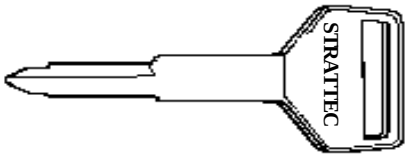
Access Bow
35-114



*** ALL PRIMUS BLANKS REQUIRE PROPER AUTHORIZATION**



STRATTEC KEY BLANKS



ITEM#	DESCRIPTION
32318	GM KB#15 (H1098LA)(B10)
32319	GM KB#15 (01098LA)(B11)
320404	GM KB#56 (P1098E)(B44)
320405	GM KB#57 (S1098H)(B45)
320433	Chrysler KB#53 (S1770U)(Y152)
320470	GM KB#58 (P1098J)(B46)
320471	GM KB#56 (S1098K)(B47)
320514	Chrysler KB#61 (P1770U)(Y152)
320588	GM KB#50 (P1098A)(B48)

ITEM#	DESCRIPTION
320589	GM KB#51 (S1098B)(B49)
320652	GM KB#54 (P1098C)(B50)
320653	GM KB#55 (S1098D)(B51)
320734	Embossed - Kenworth
320774	Embossed - Peterbilt
321202	Ford KB#48 (S1167FD)(H50)
321207	Ford KB#49 (S1167FD)(H51)
321631	Vats Work Key
322311	Freightliner

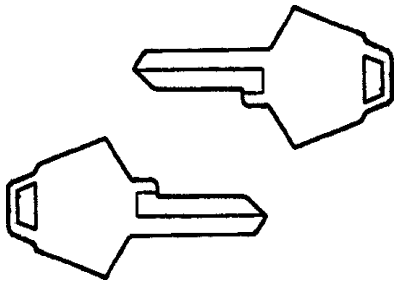
ITEM#	DESCRIPTION
322337	Freightliner Groove 60
323214	Sterling Semi Truck 49 Groove 1999+
323688	Mack Truck Key #2
596807	Kenworth
597893	Freightliner Century Primary, 85 Groove
597915	Peterbilt Truck Groove 86
690355	Sterling Truck Key #85
690356	International Truck Key #85



WEISER KEY BLANKS

ITEM#	DESCRIPTION
KB1555-B	Brass Key Blank-5 pin
KB1555-N	Nickel Silver Key Blank-5 pin

AVAILABLE IN BOXES OF 50 ONLY



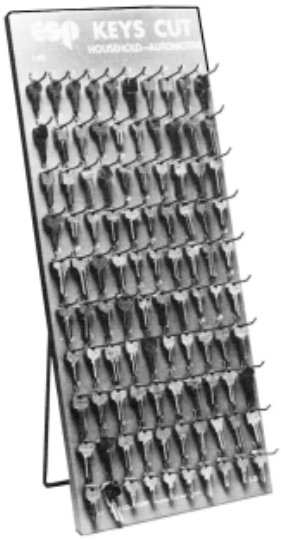
XL BRASS KEY BLANKS

ITEM#	DESCRIPTION
XL2	Fits all 200 Series Mailbox locks

XL2

SOLID BRASS KEY BLANKS

AVAILABLE IN 5 AND 10 PC PACKS. ALSO AVAILABLE IN 50 PC BOXES.



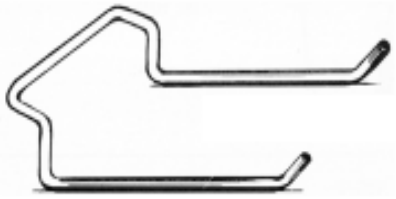
ESP KEY BLANK ASSORTMENTS

#KBA-1 FLAT KEYBOARD ASSORTMENT

All the fast moving automotive and household key blanks that represent the bulk of your over-the-counter sales. Colorfully designed for impulse sales, this rugged, steel constructed keyboard was built to last a lifetime. Ready to hang on a wall or can be used free standing with sturdy steel easel.

Assortment includes 5 each of 100 different popular, fast moving keyblanks.

ESP KBA-1	Complete Size 13" x 29"
ESP KB-1	Keyboard & Hooks only
ESP AST-1	Key blanks only



#HKS-50 KEYBOARD HOOKS

Solid steel, standard 2" size, double prong keyboard hooks. Supplied as standard equipment on ESP Flat Wall Rack

Also fits any pegboard.

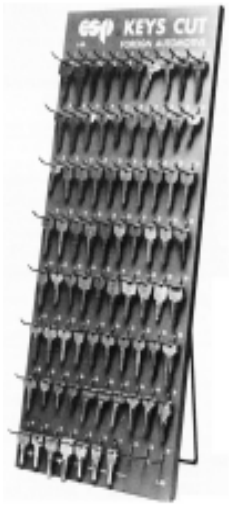
Packed in 50's.

#FKBA-80 FOREIGN AUTOMOTIVE KEYBLANK ASSORTMENT

Up-dated with the latest popular keyblanks, the unique foreign automotive keyblank assortment makes the job of properly identifying, locating and cutting foreign automotive keyblanks quick and easy. This attractive compact self-selling display rack may be used as a free-standing counter-top display or as a wall hanging unit.

The FKBA-80 features 5 each of 78 different popular numbers for a total of 390 nickel-plated keyblanks.

ESP FKBA-80	Display and 390 keyblanks
ESP FKB-2	Rack & hooks only (no keys)
ESP FKBAKEYS	Key assortment only





ESP
KEY BLANK ASSORTMENTS

350 SUPER DELUXE KEY CENTER

The 350SUP is stocked with 1070 solid brass residential and automotive key blanks, plus 250 nickel plated foreign automotive key blanks featuring the name of the car right on the head of the blanks plus the ESP 1000 Manual Key machine.

The revolving display has four panels for displaying a wide range of key blanks. The inside portion of the rack provides a storage compartment for additional key blanks.

The key machine and rack are completely free standing—you can move your key center anytime to anyplace in your store.
Crowning off the 350SUP is a twelve-hook header rack featuring key accessories. You get six each of twelve different fast-moving key accessory items blister packed to sell on sight.

Display stands complete within a 13" square inch area.

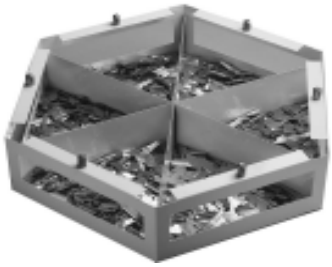
ESP 350SUP	Super Deluxe Key Center (complete)
ESP 1000	Manual Key Machine only
ESP 350RAC4	Display Rack Only
ESP 350DOM	1070 Domestic Key Asst
ESP F/A245	Foreign Auto Key Asst
ESP 350TOP	12-hook Topper Display Only
ESP 350HST	HAST-1 Topper Rack Asst

ILCO
KEY TOWERS



#460G-00-41
GARAGE

Required part of every key tower. Measures 21" square, houses most key machines and supports the key tower. The left and right sides of the garage are drilled to accommodate racks to merchandise up to 66 additional keys.



#460B-00-41
BULK BIN

The bulk bin is the ideal way to merchandise your most popular keys. Each bin has six compartments that hold up to 250 keys each.

BUILD YOUR OWN TOWER

KEY ASSORTMENTS

Single Tier - 1640 total keys: 148 different keys; 10ea of 144 solid metal auto, residential/ commercial blanks, plus 50 ea KW1,KW10, SC1, & M1 which will fit on a single key module and bulk bin. **#293-00-8X**

Double Tier - 2915 total keys: 292 different keys; 5 each of 33 different plastic head automotive, 10 each of 255 metal auto, residential/commercial, 50 each of KW1, KW10, SC1 and M1 which will fit on two key modules and bulk bin. **#454-00-8X**



#460M-00-41
KEY MODULE

Determine the number of different keys you plan to offer and select the appropriate number of modules required to display. Each module will hold up to 148 different SKU's, using the racks provided.



HEADERS

Top off you key tower with this header that is designe dto catch customer's eyes.

Single Header - 460H-00-41
Double Header - 560H-00-41



#470-00-8X

SINGLE TIER TOWER SET UP

Includes 1ea Single Header, Key Modules, Bulk Bins, Garage & Backer Cards.

Key assortments and machines must be ordered separately



#460-00-8X

DOUBLE TIER TOWER SET UP

Includes 1ea Single Header, 2ea Key Modules with Racks, 1ea Bulk Bins, 1ea Garage & 1ea Backer Cards.

ILCO KEY ASSORTMENTS

#293-00-8X
SINGLE TIER KEY TOWER ASST

Contains 1640 total keys, 148 different keys; 10ea of 144 solid metal auto, residential/ commercial blanks, plus 50ea KW1, KW10, SC1& M1. Will fit on one single key module and one bulk bin. Key backer cards are included.

#454-00-8X
DOUBLE TIER KEY TOWER ASST

Contains 2915 total keys, 292 different keys; 5ea of 33 different plastic head automotive, 10ea oc 255 metal auto, residential/commercial, 50 ea of KW1, KW10, SC1 and M1. Will fit on two key modules and one-bulk bin. Key backer cards are included.

#TA216-00-8X
RV & MOTORHOME ASSORTMENT

Contains 80 total keys; 10ea of 8 different keys.

#487-00-8X
MOTORCYCLE ASSORTMENT

Contains 120 total keys; 10ea of 12 diff keys

#493-00-8X
CLUB ASSORTMENT

Contains 120 total keys; 10ea of 15 diff keys

#489-00-8X
SAFE DEPOSIT ASSORTMENT

Contains 120 total keys; 10ea of 12 diff keys

#TA217-00-8X
HAYWORTH OFFICE FURNITURE ASSORTMENT

Contains 40 total keys; 10ea of 4 diff keys

#2SKA
SKELETON KEY ASSORTMENT

5-SKU's (35 total keys) cover a range of applications

#488-00-8X
FLAT STEEL ASSORTMENT

Contains 120 total keys; 10ea of 12 diff. keys.

#491-00-8X
TRACTOR & YARD ASSORTMENT

Contains 100 total keys; 10ea of 10 diff keys

#TA218-00-8X
MOTORBOAT ASSORTMENT

Contains 80 total keys; 5ea of 16 diff keys

#486-00-8X
BIT & BARREL ASSORTMENT

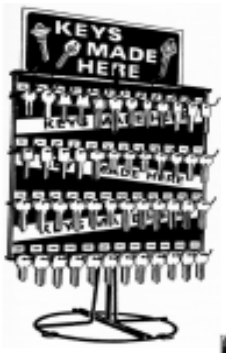
Contains 50 total keys; 5ea of 10 diff keys

#494-00-8X
COOL COLOR ASSORTMENT

Contains 45 total keys; 5ea of 9 diff keys

#PA265-00-8X
BARREL KEY ASSORTMENT

5 SKU's (35 total keys) cover a range of applications



MODEL 2000

SQUAROUSEL DISPLAY MODEL 2000

This unique double-sided point of sale key rack and bench display holds up to 96 types of key blanks most often requested by your customers. Constructed of 3/16" steel rod and pivots through 360 degress on a stable circular base with three flange mounts for security.

- Requires only 14" of counter space
- Custom design you keyboards with self-adhesive labels you do yourself
- Only two rotating panels....
- Welded key hooks provide open display for 95 diff keys and 18 key capacity.



MODEL 3000

KEYBOARD DISPLAY MODEL 3000

This attractive wallmount key blank display rack has a single-sided display panel that holds up to 112 different key blanks. The keyboard is constructed of 1/8" tempered masonite, attractively silk-screened in four colors and pre-drilled with 3/16" holes on 1" centers to accept standard pegboard accessories.

- Supplied with 56 dual key hooks which hold up to 19 keys each
- Board measures 16" x 24"
- Custom design your keyboard with self-adhesive labels to fit your display assortment



TOWER 7001

KEY TOWER "7001"

This attractive, colorful header towers over 40" above the counter. The four-sided rotary key display rack features 342 key blank hooks and allows for quick, easy selection and duplication of key orders. Preprinted location cards slip behind the hook racks for easy placement and retrieval of key blanks. An easily accessed storage door in the tower provides for convenient key blank storage. The display's small foot print utilizes only 2 square feet of counter space. Key blanks and machines sold separately. Panels are included but also can be purchased separately under **#7001-PC**.

JET KEY BLANK ASSORTMENTS

#ABA-31 AUTOMOTIVE BLANK ASSORTMENT

17 Domestic and 14 nickel-plated foreign auto blanks

#ABA-F-31

Same as above with keyboard

10 per poly bag; Total of 310 pieces

#FBA-46 FOREIGN AUTOMOTIVE BLANK ASSORTMENT

46 nickel-plated Foreign auto key blanks

#FBA-F-46

Same as above with keyboard

10 per poly bag; Total of 460 pieces

#HBA-65 HOUSE & PADLOCK ASSORTMENT

65 most popular numbers.

#HBA-F-65

Same as above with keyboard

5 per poly bag; Total of 325 pieces

#GBA-50 GROOVY ASSORTMENT

50 numbers consisting of 10 patterns of 5 different key blanks

Total of 50 pieces

#CBA-51 COMMERCIAL ASSORTMENT

51 assorted keys, included 6-pin, 7-pin and nickel-silver key blanks.

#CBA-F-51

Same as above with keyboard

5 per poly bag; Total of 255 pieces

#PBA-180 KEY TOWER "7001" ASSORTMENT

233 most poular residential, commercial and padlock key blanks. Also, domestic and foreign auto key blanks

Total of 1570 pieces

#PBA-70 POPULAR HOUSE, PADLOCK, AUTO BLANK ASSORTMENT

70 most popular house, padlock and domestic auto key blanks.

#PBA-F-70

Same as above with keyboard

5 per poly bag; Total of 350 pieces



#GP201-A2

MEAN GREEN MACHINE

The Mean Green Machine is fast, accurate and more versatile than the Original Best® key combinator. The Mean Green Machine features interchangeable vices allowing you to quickly switch punching capability from SFIC to other specialty keyways. Because I/Core demands tighter tolerances, we've designed this product to be as accurate as possible. You'll love the way the side mounted depth knob and automatic key advance speed up the cutting process without miscuts. Manufactured with cast iron and brass, A1's Mean Green Machine is built to last.

A1 KEY MACHINES & ACCESSORIES



#PAK-3T MODEL 3T

Unequalled precision & versatility in code cutting foriegn domestic & commercial applications by PAK-A-PUNCH™.

#PAK-MSA1 VALU-SET PLUS

Set includes PAK-A-PUNCH™ model 3T plus accessories for punching many domestic autos.

#PAK-MS5 THE SLUGGER

Set includes PAK-A-PUNCH™ model 3T plus popular accessories for punching domestic and foreign autos.

#PAK-1C FOR I/CORES

Set includes PAK-A-PUNCH™ model 3T plus accessories I/Core (systems A2, A3, & A4)

#PAK-3S FOR SCHLAGE

Set includes PAK-A-PUNCH™ model 3T plus accessories for Schlage / Primus®

#PAK-3K FOR KWIKSET

Set includes PAK-A-PUNCH™ model 3T plus accessories for Kwikset®

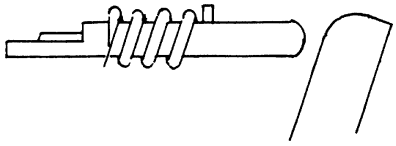


PAK-A-PUNCH™ MODEL 3T CONVERSION KITS

#PK3-CV3 I/CORE Conversion Kit
#PK3-CV2 Kwikset® Conversion Kit
#PK3-CV1 Schlage/Primus® Conv. Kit

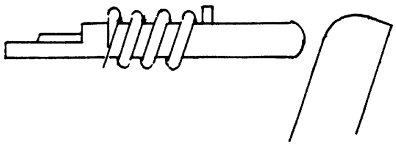
PAK QUICKCHANGE SETS

Set includes depth knob, vise assembly & all required accesssories for use with PAK-A-PUNCH™ model 3T.



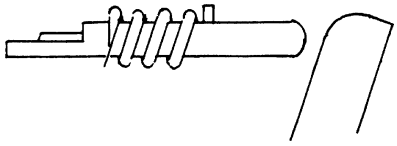
#PAK-90--PAK ACCESSORY 90 DEGREE PUNCH

Accessory Punch required only for Chrysler 'EP, ES ('66-'90).



#PAK-90T--PAK ACCESSORY 90T PUNCH STANDARD

Replacement standard punch / die.



#PAK-90V--PAK ACCESSORY 90V PUNCH (VOLKSWAGEN)

Accessory punch required for Volkswagen only.



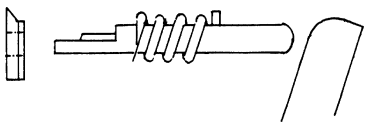
#PK2-007--PAK ACCESSORY 90 DEGREE DIE



#PK-CS2--PAK ACCESSORY LARGE CARRYING CASE

Case holds machine plus up to 9 depth knobs and 20 vises.

#PK-CSE--PAK ACCESSORY SMALL CARRYING CASE

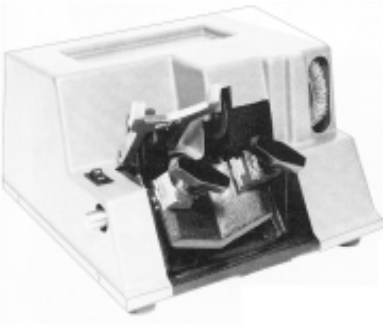


#PKS-88T--PAK ACCESSORY 88 DEGREE PUNCH / DIE SET

Case holds machine plus up to 9 depth knobs and 20 vises.

ESP 1000, 1000-12V and 1000-SLOT

MANUAL KEY MACHINES



The wide carriage design of MODEL **#1000** lets you cut today's longer and large bow keys with room to spare. The carriage is fixed to the polished ground steel shaft resulting in reduced play, less wear on the shaft and bearings, and more accurate duplications for the life of the machine.

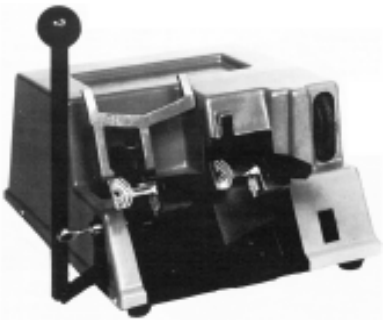
The 1000 features double-sided, reversible vise jaws made of tool steel and are black-oxide coated for smooth operation. The jaws have serrated edges for sure gripping action. The reversible design eliminates the need for adapters.
The 1000 is powered by an extra heavy-duty 110V, 60 cycle AC, 1/4 hp motor for optimum performance.

Flat slotted keys can be cut on the 1000 by reversing the stylus and replacing the 34MC cutter with the available SMS-45 Side-Mill Slotter. In fact, a specially packaged machine is available that includes the SMS-45 cutter and neccessary extra installation washer, MODEL #**1000-SLOT.**

And for true versatility, 12V operation is available with MODEL #**1000-12V**

ESP 3000 AND 3000-12V

LEVER OPERATED KEY MACHINES



The ESP 3000 Lever Key Machine operates with a single lever that allows keys to be cut in one smooth motion with one hand, and is designed for long-lasting dependable accuracy for the lifetime of the machine.

Just gauge the 2 keys with the guage fork, secure the keys in the vises, then bring the carriage up and lock it into place. Flip the switch on and bring the key across for an accurate cut. The carriage automatically disengages when you are done, drops down for easy key removal and is ready for your next job.

FEATURES

- Wide carriage design
- Double-sided reversible jaws
- Serrated edges
- 34MC tungsten steel cutter
- 110V, 60 cycle AC, 1/4 horsepower motor
- Carriage fixed to polished carriage shaft
- Black-oxide coating
- Oil impregnated bronze bearings
- Durable nylon de-burring brush
- Optional: 12V-MODEL #3000-12V

ESP 5000

AUTOMATIC KEY MACHINE



The ESP 5000 AUTOMATIC KEY Machine is a fast performer. The 5000's base is made of a heavy duty cast aluminum alloy, light enough for portability, heavy enough for durability. The rubber bumper feet eliminate the need to bolt the machine down. It is completely free standing.

You can choose a manual or automatic setting. The automatic setting cuts keys with a 16.5 second cycle time. Manual key cutting is done by conventional methods.

FEATURES

- Wide carriage design
- Black-oxide coating
- Oil impregnated bronze bearings
- Durable nylon de-burring brush
- Double-sided reversible jaws
- Serrated edges
- 34MC tungsten steel cutter
- 110V, 60 cycle AC 1/4 horsepower motor



#ESP34MC

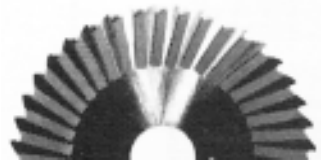
- Milling Cutter
- Steel Type
- 2-1/4" dia
- .250 thick
- 1/2" hole dia
- USE ON: Ilco 2184, 2584CV, Keil 4, 4F, 4DS, 4-1/2', 4-1/2'F, 4-1/2'DS, Tayor, Cole National, Curtis, Others



#ESP19MC

- Milling Cutter
- 110 Teeth Type
- 2-7/8" dia
- .281 thick
- 1/2" hole dia
- USE ON: Ilco 2183DM, Keil 1, 1-1/2, 10, 10-1/2

ESP KEY MACHINE ACCESSORIES



#ESPSMS45

- Side Milling Slotter
- High Speed Type
- 2-3/8" Dia
- .045 Thick
- 1/2" hole dia
- USE ON: ESP, Ilco 2584SMS, others



#ESP23RF

- Rotary File
- Steel Type
- 2-1/4" Dia
- .250 Thick
- 1/2" hole dia
- USE ON: ESP, others

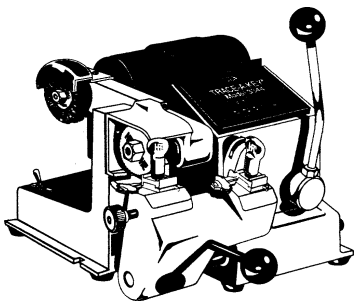


#DEP990-25

NYLON DEBURRING BRUSH

This nylon key deburring brush protects against annoying finger scrapes and cuts. While strong enough to remove the toughest of burrs, the 25NB will not wear or distort the key cut depths. Longer lasting, it returns to its original shape with no flaring out after use. Standard equipment on all ESP key machines, the 25NB also can be used on most other manufacturer's machines. Its has an outside diameter of 3" and a hole diameter of 1/2".

HPC



TRACE-A-KEY®

The Original is Back!

The Trace-A-Key® operates simply by placing the original key in the right-hand jaw, place the new blank in the left-hand jaw, and push down on the carriage knob, while simultaneously moving the lever to the right. Its double-sided jaws and expansive carriage range allow for the cutting of longer automotive keys.

- **#3344HQT** - Standard 120v machine
- **#3344HQTDC** - 12v DC machine
- **#3344HQTACDC** - 120v AC/ 12v DC machine
- **#3344HQT24OV** - 240v AC 50 Cylcle machine



Blue SHARK™

Stand-alone Hand Activated Robotic Keymachine

HPC's Blue SHARK™ is the world's 1st computerized Touch Screen Key Machine! The machine comes fully loaded with an updateable internal database of HPC's code library including Vehicle, Padlock, & Lockshop codes. Plus, it has the ability to add Custom DSDs (Depth & Spacing Data) to this already extensive database. Updates are accomplished via a multi-media card - there is no reason to open up the machine or to hook-up a computer, just press a button to update the system and that's it! It also has the ability to download MasterKing®, KeyTrail®, and CodeSource™ directly from a PC. The touch screen (approx. 4 3/4" x 2 1/2") is large enough to give the user multiple options on one screen and save the headache of constantly flipping back and forth between screens

#123SHARK

CodeMax®

The Original Computerized Code Machine



#1200MAX

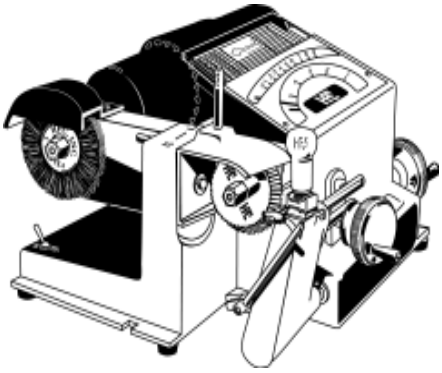
The total power of the CodeMax® is realized when you connect it to your pc. All machines come with a 25 foot, 9-pin serial cable for easy connection to your computer. CodeMax® also includes CodeSource™. This makes creating an original key as simple as looking up the code on your computer and downloading it to your machine.

- With optional equipment CodeMax® can cut:
- Assa V10/Twin®
- Emhart Interlocking Pin®
- Medeco Biaxial®, Commercial®, and KeyMark®
- Schlage Primus®
- Flat Steel Safe Deposit Keys
- Other Specialty Keys

All models of the CodeMax® are equipped with a shoulder gauge safety switch. This feature ensures the shoulder gauge is out of the way before you start cutting a key.

BLITZ™

Code Milling Key Machine



#1200CMB

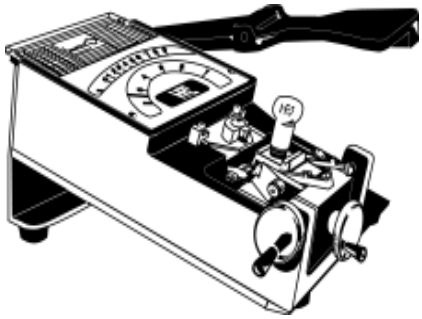
The BLITZ™ is HPC's second generation of the 1200CM Code Machine. It works exactly the same as the 1200CM, but has several additional features. Both the depth and spacing shafts have fewer threads per inch, which means that substantially fewer revolutions are needed to achieve the full range of travel. It also features a shoulder gauge with safety cut-off switch. Plus, the BLITZ™ is equipped with HPC's Softie™ deburring brush with a safety shield.

- Includes: Code-Source CD (CS-CD) & the Depth Spacing Guide CD (HDSB-CD)

For those people who currently own a 1200CM style key machine and want to upgrade to a BLITZ™, a conversion program is available. Contact us for more details.

THE PUNCH MACHINE™

Code Punch Key Machine



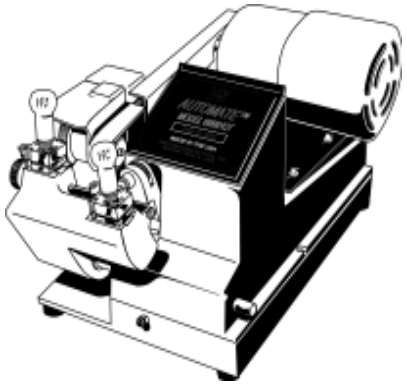
#1200PCH

The PUNCH MACHINE™ is based on the industry standard 1200CMB code machine and is the most versatile punch machine on the market. It is completely portable and punches accurate keys by code quickly and effortlessly. It is extremely easy to change from one manufacturer to another because depth and space adjustments are not required.

The PUNCH MACHINE™ comes complete with 101 code cards, which are inserted into the machine. These cards have depth and space indicators, plus all the pertinent information such as punch, jaw, code series, blanks, and any special information you need. Quite often, just replacing a code card is all that is required to change from one manufacturer to another. The PUNCH MACHINE™ is a must for those who need a portable machine to create original keys where electricity may not be available.

- Includes: Code-Source CD (CS-CD) & the Depth Spacing Guide CD (HDSB-CD)

Optional accessories: Key Decoder (HKD-75); Additional Code Cards, 84 deg additional foreign automotive punch (PCH-47)



#6666HQT

AUTOMATE™

Fully Automatic Key Duplicator

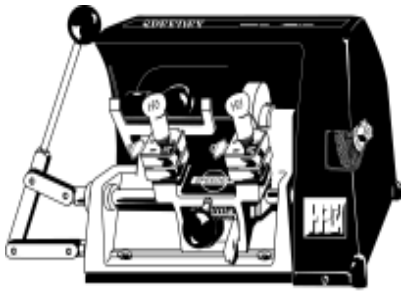
The AUTOMATE™ is a fully automatic key duplicator. The completely automatic action allows for total hands-free key cutting. The entire cutting cycle of the Automate™ takes only 12 seconds. Simply place the original key in the right-hand jaw, place the new blank in the left-hand jaw and press the button. The Automate™ will do the rest, leaving you free to go back to your customer. It comes with 4-way jaws which allow it to hold a wide variety of keys. The spring loaded carriage assures consistent key duplication every time. Its expansive carriage range allows for the cutting of longer automotive keys.

INCLUDES: • Cutter/Adjustment Wrench • Space Adjustment Wrench • Cutter Nut Wrench • Allen Wrench • Special Tip Gauge • Standard Tip Gauge • Manual

Options Include: Carrying Case (#1200CASE), Carbide Cutter (CW-41HQC)

POWER SPEEDEX®

Semi-Automatic Key Duplicator



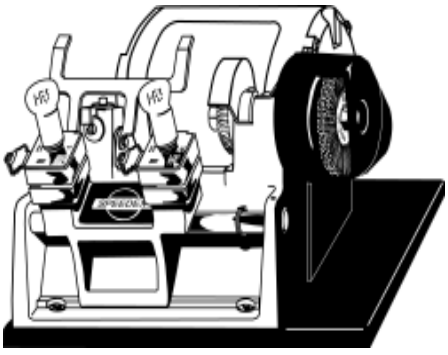
#9180MC

The Power Speedex® is a semi-automatic duplicator that is operated by a spring-loaded carriage with a safety release. This design allows the carriage to move smoothly with the use of one hand when cutting keys. The Power Speedex® also has a built-in light and a molded plastic cover that encloses the motor. The 4-way jaws enable it to hold a large variety of different key blanks, including double sided key and large bow keys. The reversible copy dog allows you to cut flat steel keys with the optional slotting cutter kit (CW-16KIT). The simplicity of operating this machine makes easy work out of duplicating even a large number of keys. The machine is mounted on a sturdy base and comes equipped with the HPC Softie™ de-burring brush. Its durable construction and bronze bearings combine for a long lasting accurate machine.

OPTIONAL CUTTERS AVAILABLE:
- Flat Steel Conversion Kit (CW-16KIT)
- Flat Steel Slotter (CW-45SMS)
- Tool Steel, Double Angle (CW-50MC) -- requires optional tracer 9100-23B
- Tool Steel, Single Angle (CW-34TS) -- requires optional tracer 9120-13

PREMIER SPEEDEX®

Manual Key Duplicator



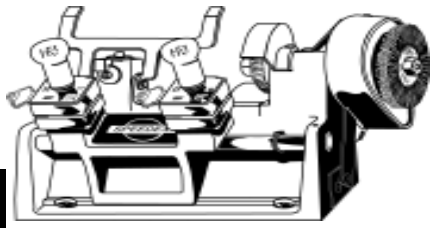
#9160MC

The Premier Speedex® is a manual duplicator, perfect for duplicating even the largest of keys., such as hotel/motel room keys. It is equipped with 4 way jaws for holding a large variety of different blanks, including double sided keys (such as foreign automotive keys). The reversible copy dog allows you to cut flat steel keys with the optional slotting cutter kit (CW-16KIT). The simplicity of operating this machine makes easy work out of duplicating even a large number of keys. The Premier Speedex® is mounted on a sturdy base and comes equipped with a heavy-duty motor. It also comes equipped with the HPC Softie™ de-burring brush. Its durable construction and bronze bearings combine for a long lasting product.

OPTIONAL CUTTERS AVAILABLE:
- Flat Steel Conversion Kit (CW-16KIT)
- Flat Steel Slotter (CW-45SMS)
- Tool Steel, Double Angle (CW-50MC) -- requires optional tracer 9100-23B
- Tool Steel, Single Angle (CW-34TS) -- requires optional tracer 9120-13

MINI SPEEDEX®

Lightweight Key Duplicator



#9120RM

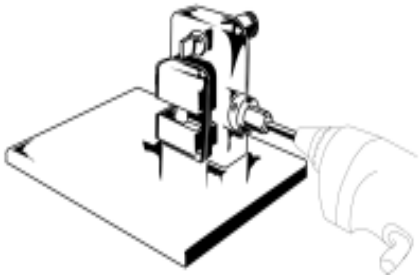
The Mini Speedex® is one of the most accurate small key machines on the market. This key machine has 4-way jaws which allow it to cut a wide variety of keys. This lightweight duplicator is able to cut regular or large-bow keys. It also comes equipped with the HPC Softie™ deburring brush. Its durable construction and bronze bearings combine for a long lasting product. Its portable size and weight make the Mini Speedex® convenient to use in your lockshop or van.

OPTIONAL CUTTERS AVAILABLE:
- Tool Steel, Double Angle (CW-50MC) -- requires optional tracer 9100-23B
- Tool Steel, Single Angle (CW-34TS) -- requires optional tracer 9120-13

DRILL MILL

Portable Drill Operated Key Duplicator





#DM-500

The HPC Drill Mill quickly duplicates keys with the power of your drill. This compact machine is completely portable and can fit into your tool box. The detached carriage freely glides across the base, against the tracer, giving you complete control over key cutting. The Drill Mill weighs less than 8 pounds.

Removable pins alow you to quickly flip the reversible, spring loaded jaws to accommodate a great number of different blanks. The cutter is completely enclosed and is easily changed by removing 4 screws and the cutter nut.

TO OPERATE DRILL MILL YOUR DRILL MUST HAVE THE FOLLOWING:
- Reverse capablity
- Ability to run about 800 RPM (RPM range 800-2500); Faster than 1200 RPM may result in a reduced cutter life.
- A Trigger Lock
- A 1/4" or 3/8" drill; a 1/2" drill may not have the proper clearance to work.

HPC / SCOTSMAN TUBULAR DUPLICODE™

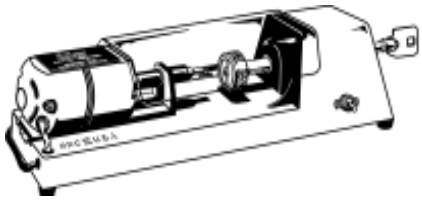
Mult-Functional Tubular Code Machine & Duplicator



#747XU

The HPC/Scotsman 747XU is a lightweight tubular key machine designed to cut most sizes of tubular keys. The capabilities of the machine include: dead pin cuts, right and left hand cut, 8-cut, 10-cut, 11-cut, and pin within a pin in any position. It can also duplicate a key from an HPC tubular pick. A unique aspect of the machine is that you can duplicate any key, even if it has non-standard space increments. The positive decoding mechanism is the first of it kind. This same mechanism allows you to cut by code, leaving you no guesswork. The Tubular Duplicode™ is the answer for tubular key duplicating and code cutting. A #22-01 Carbide cutter is supplied with machine.

ACCESSORIES INCLUDED:
- Alignment pin for cutter adjustment
- Code Position Indicator Assembly
- Allen Wrench
- Manual



#747E

HPC / SCOTSMAN ECONO TUBULAR DUPLICUT™

Economic Tubular Key Duplicator

The HPC / SCOTSMAN ECONO TUBULAR DUPLICUT™ is a standard tubular key machine. It duplicates 7-pin standard size tubular keys with spaces in any position and cuts of any depth. It can also duplicate a key from an HPC pick. The Econo Tubular Duplicut provides an economical key cutting solution for standard size tubular keys. Accessories included: Wrench #32-35; Allen Wrench #WRENCH-4; Manual





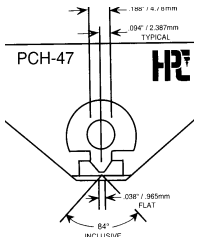
#TKM-90

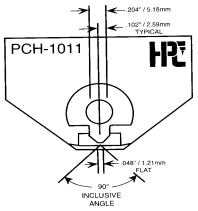
POCKET CUT-UP™

Portable Tubular Key Machine

The POCKET CUT-UP™ is a compact, portable tubular key machine. It is factory preset to cut standard size center sequence tubular keys by code. Offset left and offset right sequence (including dead pin cuts) can be cut with one simple adjustment. It also cuts Greenwald style tubular keys. The tubular key blank is held firmly in place by the swing-away key holding fixture, that locks the depth adjustment knob at pre-selected depths. By turning the cutter knob, brass or steel key blanks are cut with ease. The POCKET CUT-UP™ is so lightweight and small, it can fit into your pocket. Accessories included: Key Decoder #TKPD-1; Allen Wrench; Instructions

HPC CUTTERS





PUNCH MACHINE PUNCHES

#**PCH-47** - Reduced angle automotive
#**PCH-1011** - Small cylinder keys for most automotive
#**PCH-1014** - .081"/2.05mm flat for Kwikset® and Weslock®
#**PCH-14** - Standard large cylinder keys





AUTOMATE™ CUTTERS

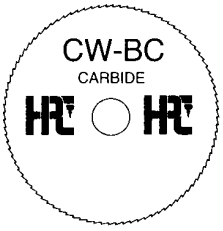
#**CW-42HQT** - Tool steel cutter for 3333 and 6666 Series machines (double angle)
#**CW-41HQC** - Carbide cutter for 3333 and 6666 Series machines (double angle)





1200 SERIES CUTTERS

#**CW-1011** - 90deg angle, small cylinder cutter
#**CW-1012** - Optional milling cutter has angle & pin seat for cutting Medeco® High Security
#**CW-1013** - Only cutter with exact angle of cut and full "V" pin seat for Emhart® High Security
#**CW-1014** - .080"/2.03mm flat for one step cutting of Kwitset®, Weslock® & Weiser® using orignial pins
#**CW-105** - 105 deg angle, double angle cutter for ASSA®
#**CW-14MC**-100 deg angle, std large cylinder cutter
#**CW-20FM**- 76 deg angle, double angle, flat mill tooth for Sargent®
#**CW-32MC** - 90 deg angle, tool steel cutter for ASSA® keys with .032"/0.81mm flat
#**CW-47MC** - 87 deg angle, tool for some automotive
#**CW-90MC** - 90 deg angle, large cylinder cutter for shallow & deep cuts in adjacent positions.





1200 SERIES SLOTTER CUTTERS

#**CW-BC** - .054" / 1.37 mm carbide slotter cutter for Yale®
#**CW-CC** - .058" / 1.47 mm Carbide slotter cutter for S&O, Yale®, Lloyd Matheson®
#**CW-DC** - .064"/1.63mm carbide slotter cutter for S&G
#**CW-EC** - .069" / 1.75mm carbide slotter cutter for Diebold
#**CW-FC** - .088"/2.24mm carbide slotter cutter for Mosler
#**CW-45SMS** - .045"/1.14mm M2 too steel combination standard/flat steel cutter for safe deposit boxes (requires spacer SPR-5 with 1200 series machines)



HPC/SCOTSMAN TUBULARKEY MACHINE CUTTER

#**22-01** - For all HPC/SCOTSMAN machines

HPC CUTTERS





SPEEDEX™ SLOTTER CUTTERS

#**CW-16KIT** - Flat steel conversion kit (converts 9160MC and 9180MC from standard to flat steel duplicators

#**CW-16** - Replacement tool steel slotter cutter for CW-16KIT

#**CW-45SMS** - Tool steel , combination standard/flat steel slotter cutter (requires spacer 9100-6B with Speedex Machines)





SPEEDEX™ SINGLE ANGLE CUTTERS

#**CW-23MC** - Tool steel cutter with teeth on both sides. Standard replacement for 9160MC and 9180MC

#**CW-34TS** - Precision milled tool steel cutter (requires optional tracer #9120-13)

#**CW-23RM** - Standard grade W1 tool steel cutter. Standard replacement cutter for 9120RM





SPEEDEX™ DOUBLE ANGLE CUTTERS

#**CW-51MC** - Double Angle Conversion Kit

#**CW-50MC** - Replacement tool steel cutter for #CW-51MC Conversion Kit.



POCKET CUT-UP™ CUTTER

#**CW-TKM** - For HPC Pocket Cut-Up™

HPC PARTS & ACCESSORIES



#MJ-1 MEDECO® JAW

With this jaw you are able to cut Medeco® level 1 commercial keys. This jaw is for use with the 1200CMB Series Code Machines and CodeMax™

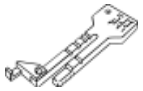
REPLACEMENT TIP STOPS FOR 1200-CMB, -CM & -MAX KEY MACHINES



#**CM-1054MA** - Standard replacement tip



#**CM-1054R** - For use with 7-pin Best and 10-cut Ford



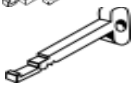
#**HT-625** - For use with L&F safe deposit box keys



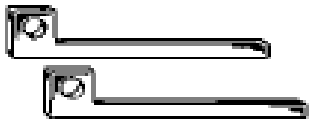
#**HT-SD** - For use with safe deposit keys



#**HT-125** - For use with L&F Safe deposit box keys

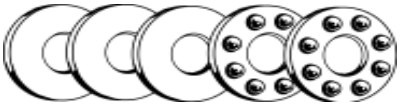


#**RT-SD** - For use with safe deposit keys



#FB-1 FORD DBL-SIDED BLOCK

This set consists of 2 blocks for holding Ford double-sided keys when duplicating.



#BBW-2 THRUST BEARING WASHER SET

Includes 2 ball bearing units and 4 hardened steel washers for key machine wing nut studs.



#SNK-3 REPLACEMENT WING NUT

This sturdy wing nut is virtually indestructible! Fits all HPC 1200 Series, Speedex® Series, Trace-A-Key® , Automate™, and Drill Mill.



#CARD-B INSTRUCTION MANUAL

Includes 1200CMB Manual, Storage Panel for 120 Cards and binder.



#TYX-3 SOFTIE™ BRUSH

The HPC SOFTIE™ brush is the only key machine brush made of Tylon-X. The carbide impregnated brush de-burrs faster, smoother, and lasts 6 times longer than wire. No more flying wire strands and brush flaring.

*These cutters are only available separately and are not supplied with the 1200CMB

1200CMB Series Code Cards
(Included with 1200CMB and 1200CM Machines)

NOTE: All cards are available separately.

DESCRIPTION	CARD#	CUTTER
American Motors (D, E, K, L) C1	CW-1011	
Arrow-New Large Pin	C2	CW-14MC
Arrow (A2)/Best/Falcon/Eagle	C3	CW-90MC*
Briggs & Stratton Disc (Gas Cap)	C4	CW-1011
Chicago/Fort Single-Sided Disc	C5	CW-1011
Chicago Pin	C6	CW-1011
Chrysler Pin (1969+)	C10	CW-1011
Corbin Disc	C11	CW-1011
Corbin Small Pin	C12	CW-1011
Dexter Large Pin (1969+)	C16	CW-14MC
Eagle Small Pin Long Space C20	CW-20FM*	
Eagle Large Pin	C21	CW-14MC
Ford 5-Pin Double-Sided (1965+)	C24	CW-14MC
General Motors Wafer (1936+)	C25	CW-1011
Hudson Small Pin	C26	CW-1011
Ilco Small Pin C27	CW-1011	
Ilco & Lockwood Large Pin C28	CW-14MC	
Illinois/Timberline Single-Sided Disc	C29	CW-1011
American Small Pin	C30	CW-1011
Kwikset Large Pin	C31	CW-14MC
Kwikset Titan C31X	CW-1011	
Master Small Pin (7K)	C34	CW-1011
Master Standard Large Pin (1K)	C35	CW-1011
Medeco Standard (.030 inc.) C36	CW-1012*	
National Cabinet Single-Sided Disc	C37	CW-1011
National Cabinet Small Pin Standard	C39	CW-1011
National Large Pin	C40	CW-14MC
Russwin Large Pin (not system 70)	C41	CW-90MC*
Russwin D&H Pre-System 70 C42	CW-90MC*	
Sargent Large Pin	C44	CW-20FM*
Schlage Large Pin	C45	CW-14MC
Segal Large Pin	C46	CW-14MC
Taylor Small Pin	C48	CW-1011
Taylor Large Pin	C49	CW-14MC
Falcon/Weiser Large Pin	C50	CW-14MC
Welch Large Pin	C51	CW-20FM*
Weslock Large Pin/Vanguard C52	CW-14MC	
XL Lock Letterbox (X, K Series)	C53	CW-1011
Yale Disc	C55	CW-1011
Yale Small Pin C56	CW-1011	
Yale Large Pin C57	CW-14MC	
Abus Rekeyable Diskus Padlocks	C112	CW-1011
ASSA Twin 6000	CEX1	CW-32MC*
VW (plain/shoulder side)	CF3	CW-1011
Audi/Porsche/VW	CF4	CW-1011
Volvo/VW (Gas Cap)	CF8	CW-1011
Ford Capri/Fiesta/Jaguar	CF11	CW-1011
Merkur (German Ford) (1985-1989)	CF13	CW-1011
BMW/Mercedes (11-Wafer) (1975+)	CF34	CW-1011
Porsche (911-912)	CF36	CW-1011
British Autos & Cycles	CF43	CW-1011
Ford Cargo Truck (1986+)/Sterling	CF48	CW-1011
Jaguar XJ6 (10-Disc) (1988+) CF49	CW-1011	
Volvo/ MG Primary & Secondary	CF51	CW-1011
Volvo 240, 740, 760	CF52	CW-1011
Saab (1974+) CF56	CW-1011	
Datsun/Subaru/Nissan (F,M,N,W)	CF60	CW-1011
Ford/Mazda Truck	CF63	CW-1011
Mazda (1970-1980)	CF64	CW-1011
Ford/Mercury/Mazda	CF65	CW-1011
Datsun/Subaru/GMC/Nissan (8-Disc)	CF67	CW-1011

DESCRIPTION	CARD#	CUTTER
Ford/Mazda MPV Minivan 10-Cut	CF68	CW-1011
Acura (1986+)/Honda (1982+)	CF73	CW-1011
Acura (1990+)/Honda (1988+)	CF74	CW-47MC*
Hyundai/Toyota/Isuzu/Mitsubishi	CF80	CW-1011
Chevy Luv (B)/Toyota (1969+)	CF81	CW-1011
Toyota (unlettered) (1969+) CF82	CW-1011	
GM-Chevy/Isuzu/Mitsubishi CF85	CW-1011	
GM-Chevy Nova (R,S)	CF86	CW-1011
Toyota 8-Disc CF87	CW-1011	
Toyota/Geo/Isuzu/Suzuki	CF88	CW-47MC*
Geo Tracker/Suzuki Sidekick/Isuzu	CF89	CW-1011
Fiat Ignition (1967+)	CF90	CW-1011
Fiat Secondary CF91	CW-1011	
Fiat Strada (1979-1980)	CF94	CW-1011
Fiat Strada (1981+)	CF96	CW-1011
Iveco Truck (P,Z)	CF99	CW-1011
Chrysler/Renault/Peugeot (Primary)	CF100	CW-1011
Chrysler/Renault (Secondary) CF101	CW-1011	
Chrysler/Renault (Secondary) CF102	CW-14MC	
Chrysler/Renault/Peugeot	CF114	CW-1011
Chrysler/Renault/Peugeot/Eagle	CF118	CW-1011
Eagle Premier Ignition (1988+)	CF119	CW-47MC*
Hyundai-U.S. (X-Series) (1986+)	CF201	CW-1011
Yugo Secondary (Z)	CF202	CW-1011
Yugo Secondary (G)	CF203	CW-1011
GM-Allante (1987+)	CF204	CW-1011
GM-Pontiac LeMans (S) (1988+)	CF205	CW-1011
GM-Cavalier ('91+)/"N" Body ('92+)	CF206	CW-1011
GM-Saturn	CF207	CW-1011
Geo Prizm/Toyota Camry/Corolla	CF208	CW-1011
Toyota Corolla Wagon (1993+)	CF209	CW-1011
Hyundai Sonata	CF211	CW-1011
GM (1994+) Modular Ignition Program	CF215	CW-1011
Honda Cycles (1983+)	CMC37	CW-1011
Kawasaki Cycles (1979+)	CMC50	CW-1011
Suzuki Cycles (1988+)	CMC71	CW-1011
Yamaha Cycles (1981+)	CMC80	CW-1011
Kaba Peaks (140) (6-Pin) (A2)	CPKS1	CW-90MC*
Kaba Peaks (150) (6&7-Pin) (A2)	CPKS2	CW-90MC*
Medeco Biaxial	CSP3	CW-1012*
Medeco Biaxial (60-series Cam & Switch Locks)	CSP4	CW-1012*
Corbin/Russwin/Emhart (system 70)	CX1	CW-1013*
Medeco Small Pin (thin head) CX3	CW-1012*	
Corbin (system 70) (X-class/27-99)	CX5	CW-90MC*
Corbin/Russwin/Emhart (system 70)	CX6A	CW-90MC*
Russwin (system 70) (K,N) (1977+)	CX7	CW-90MC*
Chicago/Steelcase Small Pin CX14	CW-1011	
Hudson Disc	CX32	CW-1011
Ford 10-Cut	CX56	CW-1011
LSDA (Taiwan) Large Pin CX58	CW-14MC	
Chrysler Double-Sided (1989-1992)	CX59	CW-1011
Chrysler Double-Sided (1993+)	CX60	CW-1011
Micrometer Card "B" Jaw (inch)	CMBI	
Micrometer Card "B" Jaw (metric)	CMBM	
Micrometer "A" Jaw (black tip-metric)	CMHM	
Micrometer "A" Jaw (black tip-inch)	CMHT	
Micrometer Card "A" Jaw (inch)	CMMI	
Micrometer Card "A" Jaw (metric)	CMMM	
Micrometer "A" Jaw (red tip-metric)	CMRM	
Micrometer "A" Jaw (red tip-inch)	CMRT	

*These cutters are only available separately and are not supplied with the 1200CMB

1200CMB Series Code Cards
(Included with 1200CMB and 1200CM Machines)

NOTE: All cards are available separately.

No. DECK-MK17
MASTER KEYING DECK

DESCRIPTION	CARD#	CUTTER
Assa 500 A Masterkeyed	C347	CW-105*
Assa 500 B Masterkeyed	C348	CW-105*
Assa 500 C Masterkeyed	C349	CW-105*
Assa 700 A Masterkeyed	C350	CW-105*
Assa 700 B Masterkeyed	C351	CW-105*
Assa 700 C Masterkeyed	C352	CW-105*

The following cards allow you to use standard pin kits to master key these manufacturers.

DESCRIPTION	CARD#	CUTTER
Corbin X Class .015" Incr. for Master Keying	CMK13	CW-14MC
Corbin Z Class Pre-System 70 .015" Incr. for Master Keying	CMK14	CW-14MC
Arrow New Large Pin .015" Incr. for Master Keying	CMK2	CW-14MC
Kwikset .015" Incr. for Master Keying	CMK31	CW-14MC
Lockwood .015" Incr. for Master Keying	CMK33	CW-14MC
Russwin K&N .015" Incr. for Master Keying	CMK41	CW-14MC
Sargent Sectional .015" Incr. for Master Keying	CMK44	CW-14MC
Weiser/Falcon .015" Incr. for Master Keying	CMK50	CW-14MC
Weslock .015" Incr. for Master Keying	CMK52	CW-14MC
Yale Large Pin .015" Incr. for Master Keying	CMK57	CW-14MC
General Large Pin .015" Incr. for Master Keying	CMKX8	CW-14MC

SAFE DEPOSIT DECK
(Deck includes RT-SD, HT-SD & SPR-5.)

DESCRIPTION	CARD#	CUTTER
Diebold 175-05 Renters	CSD1	CW-EC*
LeFebure 7300, 7700 Renters	CSD20	CW-FC* & CW-45SMS*
Mosler M5700,M3175 Flat Renters	CSD30	CW-FC* & CW-45SMS*
Mosler M5700 Corrugated Renters	CSD31	CW-FC* & CW-45SMS*
Mosler M5700, M3175 Flat/Corrugated Guard	CSD36	CW-FC* & CW-45SMS*
S&G 4400, 4231 Renters	CSD40	CW-CC* & CW-45SMS*
S&G 4400 Guard“	CSD41	CW-CC* & CW-45SMS*
S&G 158/159 Renters	CSD47	CW-DC*
Yale B Series Renters	CSD50	CW-CC* & CW-45SMS*
Yale 3300 Renters	CSD51	CW-CC* & CW-45SMS*
Lloyd Matheson Renters (Ilco/Precision P40)	CSD80	CW-CC* & W-45SMS*

PRIVATE LABEL

DESCRIPTION	CARD#	CUTTER
Clark Platinum Keyway	C102C	CW-14MC
LSDA “LSA” Keyway	C101	CW-90MC*
USCAN “Locksmith” Keyway	C108H	CW-14MC

No DECK-VH12
VEHICLE DECK

DESCRIPTION	CARD#	CUTTER
Honda Ignition (thru 1976) (Series 2001-4949)	CF70	CW-1011
Honda Door/Trunk (thru 1976) (Series 111111-444444)	CF71	CW-1011
Hyundai 7-Cut (X,Y Series)/Kia	CF301	CW-1011
Hyundai 8-Cut (S,T Series)	CF302	CW-47MC*
Ford Aspire (Kia) 10-Cut (B Series)	CF303	CW-1011
Nissan Pathfinder (1996+)	CF304	CW-1011
Honda Motorcycle (1976-1982)	CMC30	CW-1011
Kawasaki 7-Cut (A,B Series)	CMC51A	CW-1011
Suzuki Cycle 101-499 Series	CMC70	CW-1011
Yamaha Cycle (1977-1986)	CMC81	CW-1011
Ford 8-Cut (1996+)	CX101	CW-1011
Chrysler 8-Cut	CX102	CW-1011

OTHER

DESCRIPTION	CARD#	CUTTER
Corbin Pre-System 70 X-Class (27,57,67,77 Series +97,99,AR,BL,BR)	C13	CW-90MC*
Corbin Pre-System 70 Z-Class (59 Series 60/70 & L Series)	C14	CW-90MC*
Master Pro Series (6000K/7000K)	C103	CW-1011
Updated Master Pro Series Code Card	C103A	CW-1011
Dom 2H (44) Double-Sided 10-Cut	C104	CW-1011
Dom 2C (17) Single-Sided 3/4/5/6-Pin	C105	CW-1011
Winkhaus 7H High Security	C106	CW-1011
National Cabinet Lock “Letterbox” (072 Dia Pin)	C107	CW-1011
Lori L10	C115	CW-90MC*
Schlage Sm. Format Interchangeable Core	C116	CW-90MC
Abax Alfa Flexcore	C345	CW-90MC*
Assa 500 A	C346	CW-105*
Assa 500 B	C353	CW-105*
Assa 700 A	C356	CW-105*
Assa 700 B	C357	CW-105*
TrioVing	C419	CW-14MC
Russwin 852 Class	C852	CW-90MC*
Russwin 981 Class	C981	CW-90MC*
Kia Sephia (1998+)(8-cut)	CF305	CW-1011
Mitsubishi Galant (1999+)(8-cut)	CF306	CW-1011
Toyota 2000+ Code Card	CF307	CW-47MC
Kawasaki Motorcycle 1998+ (long)	CMC51	BCW-1011
Master Super Large	CX2	CW-90MC*
Medeco Half Step	CX4	CW-1012*
Arrow/Best/Falcon/Eagle IC Core A3 (018" inc)	CX10	CW-90MC*
Arrow/Best/Falcon/Eagle IC Core A4 (021" inc)	CX11	CW-90MC*
Russwin A Class	CX12	CW-90MC*
Russwin 752	CX13	CW-90MC*
Arco Rifkin Bank Bags	CX18	CW-1011
Lori 80	CX27	CW-90MC*
Corbin Wide Key	CX49	CW-14MC
Lockwood	CX57	CW-14MC

*These cutters are only available separately and are not supplied with the 1200PCH

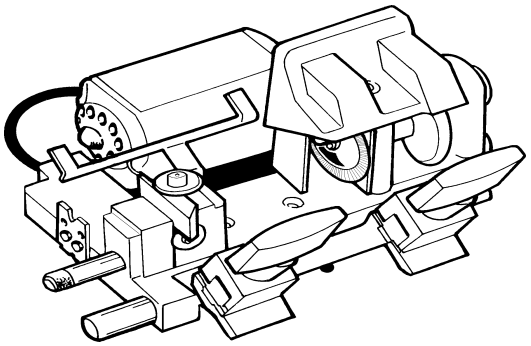
1200PCH Code Cards
No. PDECK-101
(Included with 1200PCH Punch Machines)

NOTE: All cards are available separately.

DESCRIPTION	CARD#	PUNCH
American Motors (D,E,K,L) P1	PCH-1011	
Arrow (A2)/Best/Falcon/Eagle	P3	PCH-14
Briggs & Stratton Disc (Gas Cap)	P4	PCH-1011
Chicago/Fort Single Sided-Disc	P5	LPCH-1011
Chicago/Fort Single Sided-Disc	P5R	PCH-1011
Chicago Pin	P6L	PCH-1011
Chicago Pin	P6R	PCH-1011
Chrysler Pin (1969+)	P10	PCH-1011
Dexter Large Pin (1969+)	P16	PCH-14
Ford 5-Pin Double-Sided (1965+) Secondary	P24L	PCH-14
Ford 5-Pin Double-Sided (1965+) Primary	P24R	PCH-14
General Motors Wafer (1936+)	P25	PCH-1011
Illinois Single-Sided Disc	P29L	PCH-1011
Illinois/Timberline 1-Sided Disc	P29R	PCH-1011
American Small Pin	P30	PCH-1011
Kwikset Large Pin Standard	P31	PCH-1014
Kwikset Titan	P31X	PCH-1011 or PCH-1014
Master Small Pin (7K)	P34	PCH-1011
Master Standard Large Pin (1K)	P35	PCH-1011
National Cabinet 1-Sided Disc	P37	PCH-1011
National Cabinet Small Pin Std	P39	PCH-1011
Schlage Large Pin	P45	PCH-14
Weslock Large Pin	P52	PCH-1014
XL Lock Letterbox (X, K Series)	P53	PCH-1011
Audi/Porsche/VW	PF4	PCH-1011
Volvo/VW (Gas Cap)	PF8	PCH-1011
Ford Capri/Fiesta/Jaguar	PF11	PCH-1011
Merkur (German Ford) (1985-1989)	PF13	PCH-1011
BMW (1975+) Mercedes(1977+)	PF33	PCH-1011
BMW (11-Wafer) 1984+	PF34	PCH-1011
British Autos	PF43L	PCH-1011
British Autos & Cycles	PF43R	PCH-1011
Ford Cargo Trk (1986+)/Sterling	PF48	PCH-1011
MG/Volvo Primary	PF51L	PCH-1011
MG/Volvo Secondary	PF51R	PCH-1011
Volvo 240, 740, 760	PF52	PCH-1011
Datsun/Subaru/Nissan (F,M,W)	PF60L	PCH-1011
Datsun/Nissan (M,N)	PF60R	PCH-1011
Ford/Mazda Truck (2000-2499, 3500-4600)	PF63L	PCH-1011
Ford/Mazda Truck (1500-1999, 5000-6100)	PF63R	PCH-1011
Ford/Mercury/Mazda (6500-7733)	PF65	PCH-1011
Datsun/Subaru/Nissan (8-Disc) 1982+	PF67L	PCH-1011
GMC Tiltmaster (8-Disc) 1985+	PF67R	PCH-1011
Ford/Mazda MPV Minivan 10-Cut	PF68	PCH-1011
Honda Ignition (thru 1976) (Series 2001-4949)	PF70	PCH-1011
Honda Door/Trunk (thru 1976) (Series 111111-444444)	PF71	PCH-1011
Honda (1982+) X71, X130	PF73L	PCH-1011
Acura (1986+)/Honda (1982+) X129, X181, X183, X208	PF73R	PCH-1011
Acura (1990+)/Honda Auto (1986+) 5001-8442	PF74	PCH-47*
Chevy/Hyundai/Isuzu (C,H,U,Z)	PF80L	PCH-1011

DESCRIPTION	CARD#	PUNCH
Acura (1990+)/Honda Auto (1986+) 5001-8442	PF74	PCH-47*
Chevy/Hyundai/Isuzu (C,H,U,Z)	PF80L	PCH-1011
Mitsubishi/Toyota (D,K,R,S)	PF80R	PCH-1011
Toyota (F,P)	PF80RR	PCH-1011
GM-Chevy Spectrum/Isuzu/ Mitsubishi (A,H)	PF85L	PCH-1011
Diahatsu/Toyota 1984+ (K)	PF85R	PCH-1011
GM Chevy Nova/Toyota Ignition (R)	PF86R	PCH-1011
GM Chevy Nova/Toyota Secondary (S)	PF86RR	PCH-1011
Toyota 8-Disc	PF87	PCH-1011
Geo Metro/Storm/Isuzu/Mitsubishi/ Suzuki (E,N,U)	PF88L	PCH-47*
Daihatsu/Toyota/Geo Prism (D,G,W,X)	PF88R	PCH-47*
Geo Tracker/Suzuki Sidekick/Isuzu	PF89	PCH-1011
Chrysler/Renault/Peugeot (Primary) (B,E,G,H,J) (1983-1985)	PF100	PCH-1011
Renault (Secondary) (B,C,D,E,G,T,V)	PF101	PCH-1011
Chrysler/Renault (Secondary) non-letter (1981+)	PF102	PCH-14
Renault Peugeot (E,M,N,P,R)	PF113	PCH-1011
Chrysler/Renault Alliance, Peugeot (Primary) 1986-1988 (M,N,P,R,S)	PF114	PCH-1011
Chrysler/Renault Peugeot/Eagle Medallion (Secondary) (M,N,P,R,S)	PF118	PCH-1011
Eagle Premier Ignition (1988+)	PF119	PCH-47*
Hyundai-US (X-Series) (1986+)	PF201	PCH-1011
GM-Allante (1987+)	PF204	PCH-1011
GM-Pontiac LeMans (S) (1988+)	PF205	PCH-1011
GM-Cavalier (1991+)/"N" Body (1992+)	PF206	PCH-1011
GM-Saturn	PF207	PCH-1011
Geo Prizm/Toyota Camry/ Corolla Sedan (10001-15000)	PF208	PCH-1011
Toyota Corolla Wagon (1993+)	PF209	PCH-1011
Hyundai Sonata (Y1001-2000)	PF211	PCH-1011
GM (1994+) Modular Ignition Program	PF215	PCH-1011
Hyundai/Kia 7-Cut (Y1-2000)	PF301L	PCH-1011
Hyundai/Kia 7-Cut (X1-'00,Y7001-8200)	PF301R	PCH-1011
Hyundai 8-Cut (T)	PF302L	PCH-47*
Hyundai 8-Cut (S)	PF302R	PCH-47*
Ford Aspire/Kia 10-Cut (B)	PF303	PCH-1011
Nissan Pathfinder (1996+)	PF304	PCH-1011
Kia Sephia (1998+)(8-cut)	PF305*	PCH-1011
Mitsubishi Galant (1999+)(8-cut)	PF306*	PCH-1011
Honda Cycles 1983+ (A,B)	PMC37L	PCH-1011
Honda Cycles 1983+ (C,D)	PMC37R	PCH-1011
Kawasaki Cycles (1979+)	PMC50	PCH-1011
Kawasaki 6- & 7-Cut (B)	PMC51AL	PCH-1011
Kawasaki 7-Cut (A)	PMC51AR	PCH-1011
Suzuki Cycles (1988+)	PMC71	PCH-1011
Chicago Small Pin/Steelcase	PX14	PCH-1011
Hudson Disc	PX32	PCH-1011
Ford 10-Cut (19841Ú2+)	PX56	PCH-1011
Lockwood (Australia) LW4, LW5	PX57L	PCH-14
Lockwood (Australia) LW4R, LW5R	PX57R	PCH-14
Chrysler Double-Sided (1989-1992)	PX59	PCH-1011
Chrysler Double-Sided (1993+)	PX60	PCH-1011
New Ford 8-Cut (1996+)	PX101	PCH-1011
Chrysler 8-Cut (1998+)	PX102	PCH-1011
Micrometer Card Left Hand (inches)	MIAL	
Micrometer Card Right Hand (inches)	MIAR	
Micrometer Card Left Hand (mm)	MMAL	
Micrometer Card Right Hand (mm)	MMAR	

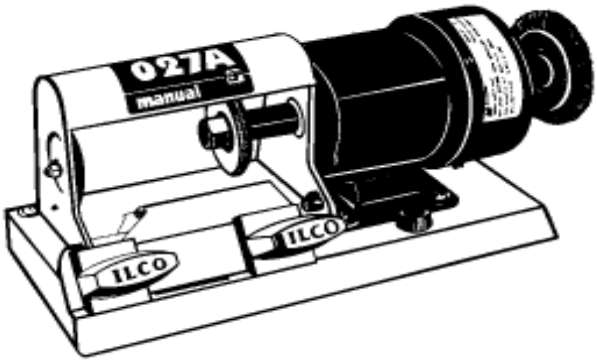
KEY MACHINES



#008 MINI-MITE MANUAL DUPLICATOR
220V & 12VDC VERSION

This duplicator is light weight and portable. Use the optional 27X accessory pack to convert the 008 to cut flat style keys.

- Perfect for mobile shops and has an optional carrying case
- Will duplicate almost all cylinder keys, large bow hotel/motel keys, and double-sided car keys easily using a 23RF milling cutter.
- Contains two-way reversible vise jaws that securely clamp residential, padlock keys, and/or double-sided keys without adapters
- Has key rake for deburring keys
- Comes in 110V version - Item **#008A**

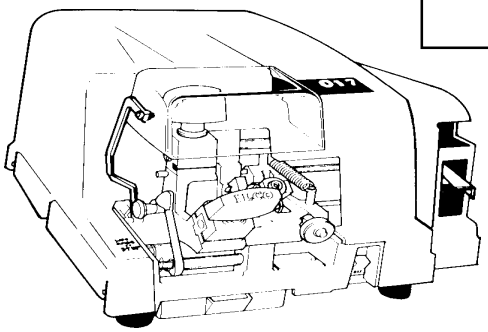


#027A MANUAL DUPLICATOR

The 027A is a durable machine that is ideal as a second machine for any shop or store.

- Compact machine which needs only 13"x5" of counter space; very light weight and can be transported to a job site for key cutting
- Protective hood that covers the CU1 milling cutter to meet OSHA requirements
- Contains precision made vise jaws, an improved key guide, a longer base, and a deburring brush

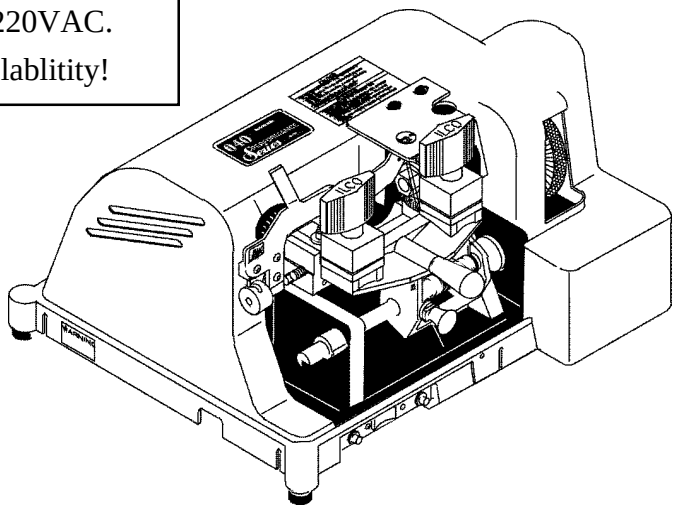
Some models are available in 12VDC or 220VAC.
Call for availablitity!



#017 FULLY AUTOMATIC DUPLICATOR

Fully automatic hands free key cutting! Load the keys and the 017 automatically does the work. Traces the key twice in under 20 seconds! The ideal machine for high volume, high traffic key duplicating. Reduces operator error in duplicating.

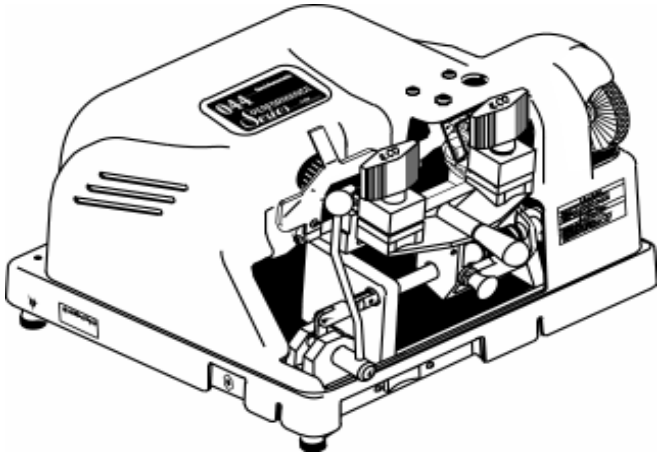
- Allows for handsfree cutting (P-9MC milling cutter); load and align keys, press the start button, and the 017 begins to cut, tracing the key twice within 20 seconds
- Designed to cut cylinder keys, including large bow hotel/motel keys and double-sided car keys easily (such as Ford Escort and GM Cavalier)
- Contains rod wipers to prevent brass chips from accumulating on the carriage shaft and two-way reversible vise jaws for secure clamping
- Equipped with four safety interlock switches; quick, simple, dependable operation that meets OSHA and CSA/NRTL/C requirements.



040 AUTOMATIC/MANUAL DUPLICATOR

Designed to handle keys with large bows or long blades. The Super Jaw 2 vises can be set four different ways to hold virtually any key.

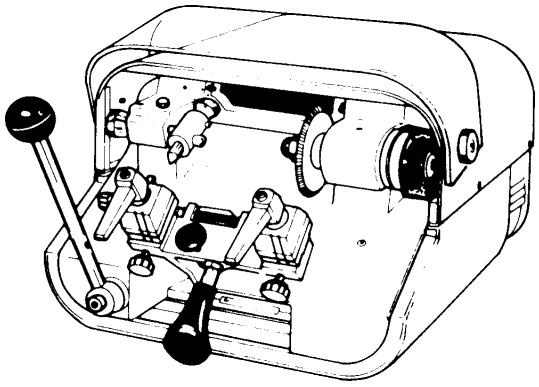
- Dual capability of duplicating keys automatically or manually
- Equipped with a dial type adjustment knob
- Equipped with extra wide vise jaws that permit cutting large bow keys and also with a carriage stop that prevents the cutter from hitting the vises
- Vise jaws made for clamping the double-sided convenience keys now being used on many of the imported cars



044 PERFORMANCE SERIES
SEMI-AUTOMATIC DUPLICTOR

This duplicator is intended for duplicating commercial and automotive cylinder keys. Compatible with most generators/inverters 500 watt output and higher.

- The machine cover is fire-rated for strength and a CU20 milling cutter
- Depth adjustment is accomplished using a dial type configuration
- 2 1/2" narrower than the 024B it replaces, the 044's size and styling
- Has an efficient 1/4hp. motor that will operate with most generators and inverters of 500 watt or greater output; great for mobile applications



#KD50C LEVER OPERATED DUPLICATOR

Cuts single sided keys in a little as five seconds! The vise jaws are engineered to grip even the most troublesome double-sided auto keys. Loaded with features every user will appreciate.

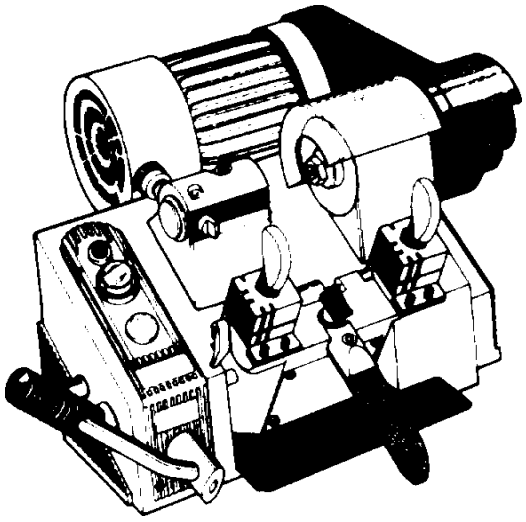
- Automatic power on-off controlled by micro-switch, which is activated by raising or lowering the carriage
- Makes precise adjustments; two micrometer knobs adjust depth and spacing
- Has a spring loaded key gauge that automatically releases as the carriage is raised; also has vise jaws with ratchet type handles
- Equipped with reversible, extra wide vise jaws and a CU50A milling cutter.



045 PERFORMANCE SERIES
MANUAL DUPLICATOR

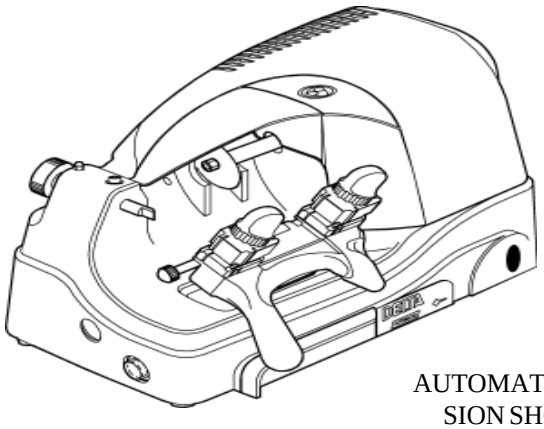
The 045 "Performance Series" duplicator is a total redesign of our popular 025 manual key machine. The 045 addresses performance issues associated with the model it replaces. Compatible with most generators/ inverters 500 watt output and higher.

- Wide spacing between vise jaws to allow for longer keys and those with long bows and has a carriage stop
- Depth adjustment is accomplished using a dial type configuration
- Has an efficient 1/4hp. motor
- Excellent for mobile jobs
- Features a restyled machine fabricated from sturdy acrylic/PVC fire rated material and a P-X23MC milling cutter



BRAVO II

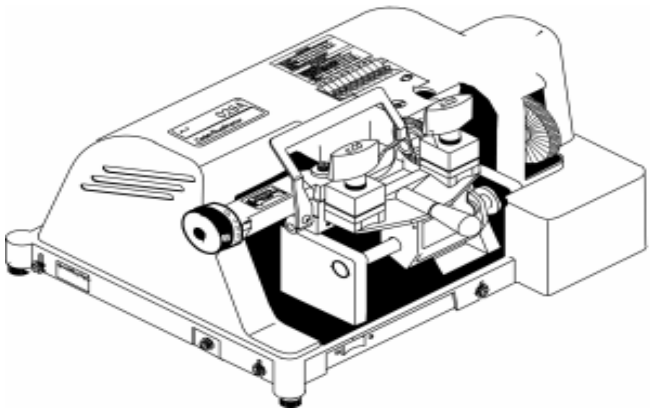
The Bravo II has 4-way vise jaws, twin carriage shafts, a safety release carriage, and a micrometer adjustable trace guide. Now equipped with a CU50A milling cutter for increased duplicating capability.



AUTOMATIC VERSION SHOWN

DELTA PLUS DUPLICATOR
Available in Manual, Semi-Automatic, Fully Automatic Versions

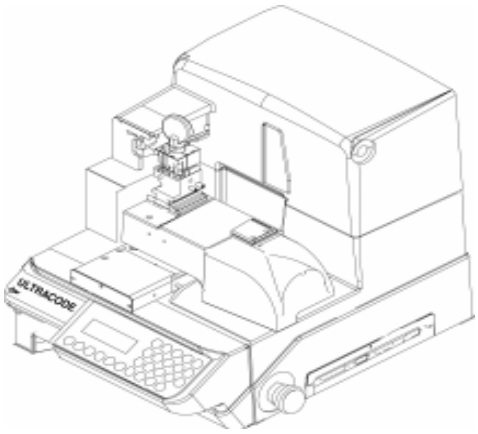
The Delta Plus line offers high tech polymer base castings, are both strong and lightweight with sleek modern lines. Very functional 4-way vise jaws, direct drive cobalt cutter, and compact design are just a few of the many reasons why these machines are considered ideal for many keyduplicating situations.
Style of machine employs clean and modern lines, base casting made of a special high tech polymer, designed to be both strong and light weight. Equipped with a special cutter that cuts brass, nickel silver, and even steel keys effortlessly and a carriage chip drawer will catch almost all the chips made during the duplicating process. Uses four face jaws and a D911868ZR cutter.



#029A MANUAL CODE CUTTER

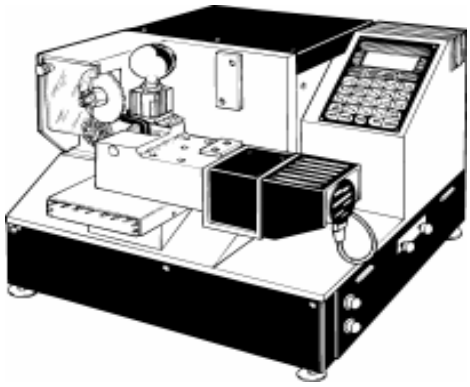
A dual function machine designed to cut automotive keys by code* or by duplication. Code capabilities can be expanded with economical component kits.

- Very accurate
- Convenient features like, numerical device to display depths of cut wheel
- Used for code used for code cutting, and a nylon brush for deburring
- Sturdy design: Built to last! Not to be confused with products intended for “occasional” or “light” use.
- CU29 Milling cutter



ULTRACODE ELECTRONIC CODE CUTTER

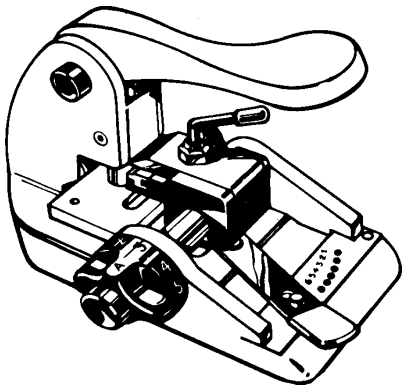
The Ultracode is an innovative electronic code-cutting machine. Advanced features include; Automatic calibration, key registration, which allows flexibility in the method of key placement in the jaw, and code cutting stand-alone or linked to a personal computer (with optional software). A variety of cutters, jaws, and adaptors are available making this a very versatile machine. D716549ZB cutter.



UNOCODE 399 ELECTRONIC CUTTER

This computer controlled key machine will meet all your key by code needs. The solid frame mounts a precision key cutting mechanism controlled by a lightening fast on-board computer. Ideal for high volume applications. The many features of the Unocode 399 are enhanced when attached to a PC.

- A key-cutting machine controlled by an internal microprocessor which can be linked to a personal computer (D405933ZB cutter)
- Movement is on re-circulating ball screws activated by step motors on ground roller guides
- Cuts to coded numbers all types of car, motorcycle, and industrial vehicle keys, keys for filing cabinets, lockers, drawers, and other coded flat keys
- Contains a high precision, four sided revolving jaw clamp
- Comes with a built in laser reader that reads existing key cuts for duplication
- An auto-feeder magazine for automatic loading of key blanks is available as an option



EXACTA MK1 DEDICATED PUNCH
FOR AUTOMOTIVE TYPE KEYS

These machines make keys exactly like factory originals. Hand operation with no pattern key needed, the Exacta originates keys by code to factory depths and spacing.

- Is a portable hand operated key machine specifically designed and engineered to originate keys by code numbers without electrical power
- It will cut a key by number, according to the manufacturer's depths and spacing; a pattern key is not needed since this is not a key duplicator
- To produce an operating key, a code number is needed; this can be on the "Key Codes" chart and will reveal actual cuts of the key
- This machine is made with generalized features due to the fact that parts needed to produce cuts are designed specifically for one brand of key; therefore, to cut a certain brand of key, the parts specifically made for that brand of key must be installed into the Exacta

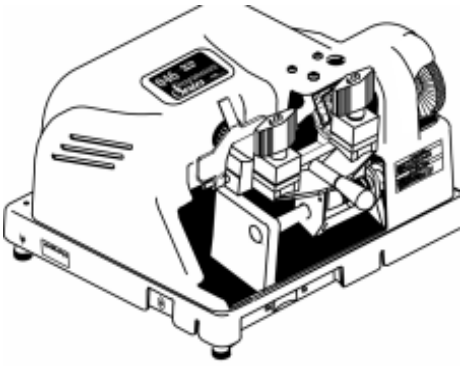
EXACTA MK2 DEDICATED PUNCH
FOR COMMERCIAL TYPE KEYS

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- Is a portable hand operated key machine specifically designed and engineered to originate keys by code numbers without electrical power
- It will cut a key by number, according to the manufacturer's depths and spacing; a pattern key is not needed since this is not a key duplicator
- To produce an operating key, a code number is needed; this can be on the "Key Codes" chart and will reveal actual cuts of the key
- This machine is made with generalized features due to the fact that parts needed to produce cuts are designed specifically for one brand of key; therefore, to cut a certain brand of key, the parts specifically made for that brand of key must be installed into the Exacta

EXACTA MK3 DEDICATED PUNCH FOR KWIKSET/TITAN KEYS

- Is a portable, hand operated key machine, specifically designed and engineered to cut TITAN and Kwikset keys by code, without electricity
- Cuts type keys by number, according to the manufacturer's depth and spacing specifications; a pattern key is not needed
- Is equipped with a unique dual-position punch which allows for instant changeover from one cut type to the other
- Only machine of its kind that can produce the unique 90 degree cut found in the first spacing position of a TITAN key as well as the "standard" type cuts used in positions 2-6 and on non-Titan Kwikset keys



046 PERFORMANCE SERIES MANUAL DUPLICATOR

The 046 Is a redesign of our popular 026 manual key machine. Compatible with most generators/inverters 500 watt output and higher.

- Depth adjustment is accomplished using a dial type configuration
- Has an efficient 1/4hp. motor
- Configured with a slotter cutter and corresponding cutter guide for flat key applications
- A restyled machine fabricated from sturdy acrylic/PVC fire rated material
- P-45 SMS Side Milling Slotter



KD15M LEVER ASSISTED DUPLICATOR

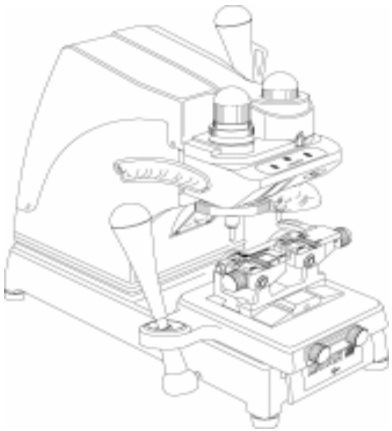
This precision duplicator cuts flat type keys such as safe deposit and locker keys as well as lever cuts on bit keys. The ideal machine for these specialty keys.

- Is a precision made machine to cut flat keys, steel (for lockers and padlocks) and nickel silver (for deposit boxes)
- Contains a spring loaded key guide that permits "locating" the cut before contacting the cutter and contains reversible vise jaws to hold bit keys
- Employs an adjustable key guide, a rugged cast iron base, machined vise jaws, and ratchet type vise handles
- Can make lever cuts in bit keys and is lever operated with no carriage play
- CU15 Slotter

KD15B-M LEVER ASSISTED DUPLICATOR

This precision duplicator cuts flat type keys such as safe deposit and locker keys as well as lever cuts on bit keys.
Able to duplicate the following types of keys: BIT keys, Double BIT keys, and Pump keys

- Direct drive motor & Lever assisted movement
- Multi-Position vise jaws allow for high precision cutting
- Spring loaded cutter (CU15B slotter) guide increases accuracy



MATRIX S
LEVER ASSISTED DUPLICATOR

Precision control in all three axis provide the ability to duplicate laser and dimple style keys with ease. The Matrix vise jaws handle a wide variety of keys without the need for adapters. Many types of commercial and automotive keys now use keys that can be duplicated only on a Matrix style key machine. Includes electronic adjustment feature. Cutters available for cutting various specialty key types.

- Roller bearings ensure no vibration while cutting (D405488RA/F22 cutter), optimal stability, and high performance time after time
- Contains parallel jaws with interchangeable plate set and movement on three axes with roller bearing guides
- Ergonomical design offers easy handling with comfortable working position and a perfect support to reach perfect results every time

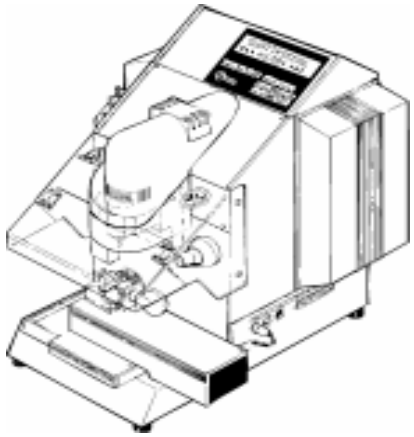
MATRIX SX
LEVER ASSISTED DUPLICATOR

In addition to features found on the model S, the Matrix SX also includes tiltling vise fixtures that permit easy duplication of angled surface commercial high security keys and a spring loaded tracing guide that permits easier alignment for duplication. Includes electronic adjustment feature. Cutters available for cutting various specialty key types.

MATRIX SLX
LEVER ASSISTED DUPLICATOR

The SLX model uses self centering chucks that permit quick change of cutters without the need for tools. The SLX also features a two speed motor that allows use of special cutters for special applications. Includes electronic adjustment feature. Cutters available for cutting various specialty key types.

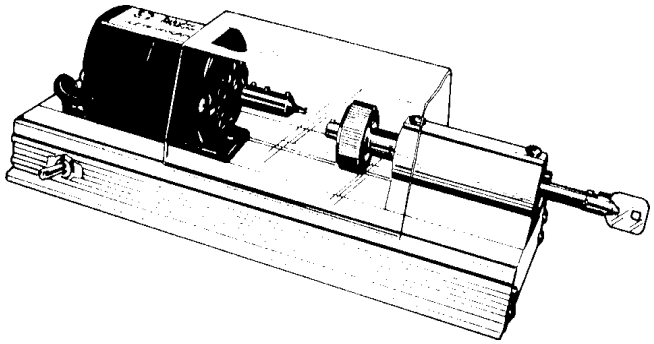
- Can duplicate Mercedes 2 and 4 Track type keys and Fichet type keys as a standard feature without the need for special adapters
- Roller bearings ensure no vibration while cutting (D405488RA/F22 cutter), optimal stability, and high performance time after time
- Is equipped with tilting and parallel jaws with interchangeable plate set and movement on three axes with roller bearing guides
- Two main features of the two speed motor and self centering chucks allow for the duplication of laser and dimple cut keys with speed, simplicity, and absolute precision



QUATTROCODE
ELECTRONIC DUPLICATOR

It can decode a sample key, compare it to an on-board database, and automatically adjust to original lock specifications. Includes popular high security code series stored on-board for cutting by code (PD709238ZB/ W101 cutter).

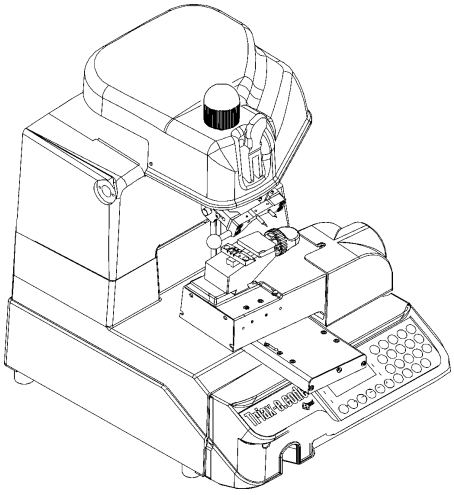
- Movement is on three axies with recalculating preloaded ball screws activated by step motors on ground roller guides
- Clamp is a universal “J” for key lock grip; also contains a reversible mobile jaw for locking special “Z” profile Mercedes key
- Will automatically solve the problem of worn keys by decoding the key, comparing the resulting measurements with those contained in a file relating to the original key and making any necessary adjustments so that a key which is identical to the original can be made



#009
MANUAL TUBULAR DUPLICATOR

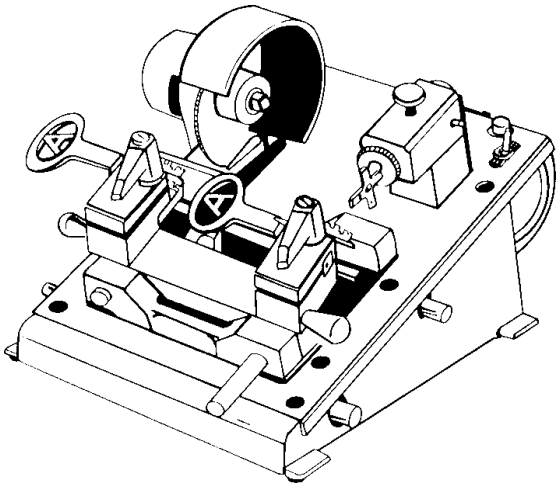
Duplicates standard size tubular keys quickly and economically. An indexing system built into the machine simplifies duplication of industry standard seven cut tubular keys. Available without index for cutting offset and eight cut keys.

- Key cutting machine for tubular keys with frontal cuts (16CT end mill cutter)
- Built in indexing system simplifies duplication of industry standard seven cut keys
- Also available without index for cutting offset and eight cut keys
- Compact size allows for easy transportation



TRIAX-E.CODE ELECTRONIC DUPLICATOR

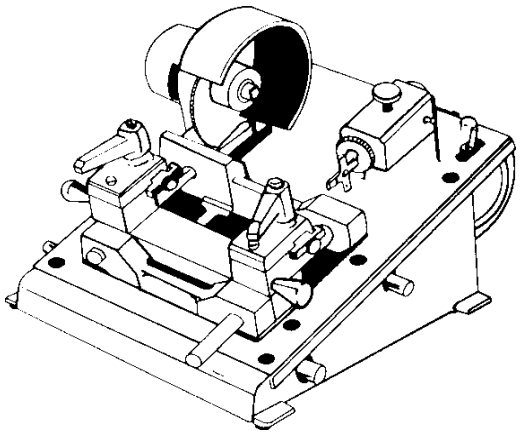
The Triax-e.code is the first three axis stand alone machine that duplicates and cuts by code high security type keys. It will also decode keys and automatically convert the cuts back to original lock specifications. The machine features quick and easy tool changes, automatic calibration, and dual speed motor. The Triax can also be connected to a PC with an optional software package to expand the machine's capabilities



#030 MANUAL SAFE DEPOSIT KEY DUPLICATOR

Engineered to cut safe deposit duplication time in half! This type key can be stacked two deep so they are cut two at a time. The direct fed carriage eliminates angle errors introduced by pivoting carriage type machines.

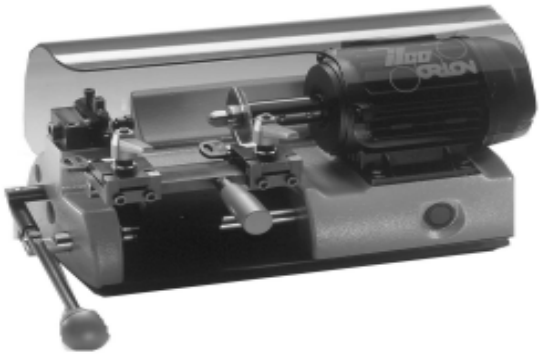
- Engineered to cut two keys in a single pass due to its 4" cutter and X-Y axis carriage that produces milling machine accuracy
- Assembled to a precisely machined slant aluminum base which contains a safety light indicating when the motor is on
- The .055" cutter (CU30-55) is made of carbide and only plunge cuts should be made; do not move the blanks sideways against the cutter
- Contains single sided vise jaws with tip stops and ratchet handles



#031 MANUAL DETENTION KEY DUPLICATOR

The 031 duplicator cuts paracentric style detention lock keys. Folger Adam Mogul cylinder keys can be cut with the optional conversion kit.

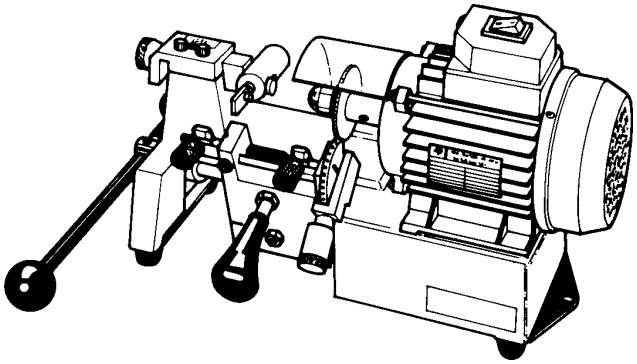
- Assembled to a precisely machined slant aluminum base with a safety light indicating when the motor is on
- Has an X-Y carriage, which slides forward and backward or left to right with complete ease and accuracy; also has single sided vise jaws
- 4" carbide cutter is mated with a matching cutter guide and should be used only for plunge cuts; do not move the blanks sideways
- This machine has been tested and is approved for use by the Federal Bureau of Prisons



K46M LEVER ASSISTED DUPLICATOR
FOR ABLOY, CHUBB, TIBBE

This lever operated machine duplicates Abloy keys, Ava Chubb, Ford Tibbe, Ford Scorpio and Luma keys.

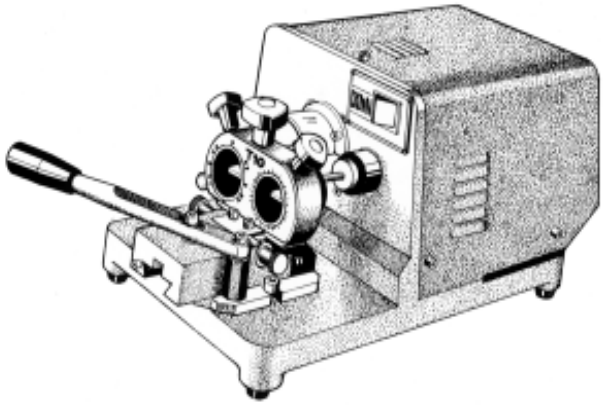
- Uses a Direct Drive Motor
- Lever assisted carriage design
- Cobalt steel cutter (CU45 slotter), exceptionally long cutter life
- Simple to operate, and maintain



KD84A LEVER ASSISTED DUPLICATOR
FOR TIBBE KEYS

The lever assisted KD84A duplicates the unique angles found on 4-sided keys for the Tibbe lock used on some models of Ford and Jaguar automobiles. The cobalt steel cutter (CU84 slotter cutter) provides a long life and accurately cut keys.

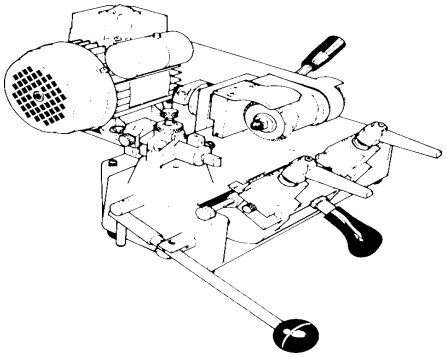
- Will code cut and/or duplicate keys with unique angles for Tibbe locks w with preset depths (angles) that eliminate errors
- Key guide is spring loaded to permit centering of cut in proper position and has a dial knob to move it to the correct spacing position
- Contains positive vise jaws that are shaped to hold this unique key and also contains a flat steel slotter
- Lever operated for spacing; right hand controls rotating of carriage that can be set to a coded angle



CROWN
LEVER ASSISTED TUBULAR DUPLICATOR

The self centering synchronized key vise clamps allow for precision creation of tubular keys. In addition to the keys that can be duplicated by the standard key vise clamps, additional clamps are available covering many types of specialized tubular keys. (T10 Jaw is supplied with machine).

- Key cutting machine for tubular keys with frontal cuts; supplied with synchronized self-centering clamp (T10) using D400077ZZ cutter.
- Synchronization device automatically rotates the key blank proportionately proportionately as the original key is rotated
- Rotation may be free through 360 degrees or set to stop in 6 or 8 predetermined positions, by operating a selector
- 10 different additional clamps are available on request for special requirements



KD85 LEVER ASSISTED DUPLICATOR for
MEDECO® & EMHART HIGH SECURITY KEYS

The cutter and key guide tilt to allow this machine to accurately duplicate the angled cuts on Medeco® and Emhart high security keys. Also cuts Medeco® keys by direct digit code.

- Has three factory preset cutter angle positions: left tilt, center, and right tilt; when not cutting special angle, tilting feature can be blocked
- Contains positive grip vise jaws as well as a micrometer-style knob for accurate depth adjustments
- Also contains a convenient side mounted deburring brush and a sturdy belt guard which covers the belts and pulleys
- Can duplicate angle cut keys (Medeco®/ Emhart), can originate an angle cut key from code information, and can cut a standard single or double botted duplicate key from a pattern key (CU85 milling cutter)



MARKER 2000
MARKING PUNCH

A stand alone marking unit that will easily imprint keys & medallions. The unit's built in computer uses a variety of type styles and sizes to mark up to four lines of text on the target object. Connecting to a PC enhances the capabilities to include graphics marking and increased database storage of marking text. Additional options include a special jaw for marking cylinders and dog tags.

- Can be adapted for the application of over 15 different clamps and has a menu available in five different languages
- Is the first professional electronic machine to use a micro point system of engraving without the removal of material
- Can be linked to other electronic key-cutting machines, is easy to transport, and its compact design facilitates its installation anywhere
- Engraves any type of metal: silver nickel, brass, and steel, while ensuring high precision an excellent quality

CUTTERS

Item#	Description
CU1	Milling Cutter
3FS-HS	Slotter
3S	Slotter
4S	Slotter
5RF	Rotary File
CU5	Milling Cutter
6RF	Rotary File
7FS-HS	Slotter
8UC	Milling Cutter
9MC	Milling Cutter
9RF	Rotary Cutter
P-9MC	Titanium Nitride Coated
R9RF	Rotary File
10FS	Slotter
10MC	Milling Cutter
S-10MC	Milling Cutter
11	Slotter
11FS	Slotter
11MC	Milling Cutter
CU11	Milling Cutter
12	Slotter
13	Slotter
13FS-HS	Slotter (segal Machines)
14	Special T Cutter
14MC	Milling Cutter
15FS-HS	Slotter
CU15	Slotter
CU15-C	Carbide Slotter
16C (16CT)	End Mill
17	Slotter
17MC	End Mill
18MC	Milling (Segal Machines)
19MC	Milling Cutter
P-19MC	Titanium Nitride Coated
20MC	Milling Cutter
CU20	Milling Cutter
P-CU20	Milling Cutter
21MC	Milling (Segal Machine)
22MC	Milling Cutter
23RF	Rotary File
X34MC(CU12)	Milling Cutter
P-X23MC	Titanium Nitride Coated
25	Slotter

CUTTERS

Item#	Description
25-1	Slotter
27	Slotter
27-1	Slotter
27-2	Slotter
28RF	Rotary File
CU29	Milling Cutter
30SMS	Side Milling Slotter
CU30-55	Carbide Slotter
CU30-62	Carbide Slotter
CU30-72	Carbide Slotter
CU30-88	Carbide Slotter
CU30-M	Milling Cutter
32	Slotter
34MC	Milling Cutter
P-34MC	Titanium Nitride Coated
36MC	Milling Cutter
37MC	Milling Cutter
45SMS	Side Milling Slotter
P-45SMS	Titanium Nitride Coated
CU50A	Milling cutter
CU55-150	End Mill
CU55-023	Dimple Cutter
CU55-146	End Mill
CU55-148	End Mill
CU55-164	Dimple Cutter
CU56-048	End Mill
CU56-116	End Mill
CU56-080	Dimple Cutter
CU56-083	Dimple Cutter
CU56-089	End Mill
57MC	Milling Cutter
58MC	Milling Cutter
60MC/SA160	Milling Cutter
CU85	Milling Cutter
CU94	End Mill
SA105	Cutter
SA146	Rotary File
P-CU100A	Milling Cutter
SACW1011	Milling Cutter
SACW1012	Milling Cutter
SACW1013	Milling Cutter
AM7625	Milling Cutter

KABA-ILCO
KEY MACHINE CUTTERS & CONVERSION KITS

CONVERSION KITS

Item#	Description
27X	Flat steel package for 008 includes #27 slotter, hardware &instructions
030-CK	Conv Kit, Converts 031to 030
031 CK	Conv Kit, converts 030 to 031
031-CKM	Conv Kit, converts 031 to cut Folger Adam Mogul Keys
803-00-51	Conv Kit converts 24 to 24A (replaces 11MC with CU20)
804-00-51	Conv Kit converts 025 to 026 or 045 to 046 (replaces P-X23MC with SMS45 slotter)
849-00-51	Conv Kit (replaces 34MC cutter with P-X23MC)
850-00-51	Conv Kit (replaces X23MC cutter with 34MC)

PowerStar™
PRODUCTS • INCORPORATED



#908020 UPG1300
300 WATT POWER INVERTER

#908012 UPG700
700 WATT POWER INVERTER

KABA-ILCO
KEY MACHINE PARTS & ACCESSORIES

REPLACEMENT VISE STUDS

Item #	Use on Machine Models
3-57	ILCO: 006, 008, 010, 012, 016, 2178, 2183DM, 2183HM, 2584, 2585 KEIL: 1-1/2, 12-1/2, 15-1/2
1103-536-A	ILCO: 020, 022, 023, 024, 024A, 024B, 025, 026, 040, 044, 045 DOMINION: 143, 144, 145, 146, 147, 132, 150 TAYLOR: KD6AG

REPLACMENT WING NUTS & CLAMP HANDLE ASSEMBLIES

Item #	Use on Machine Model
2584 Supernut	ILCO: 006, 008, 010, 012, 016, ,027, 2178, 2183DM, 2183HM, 2584, 2585 KEIL: 1-1/2, 12-1/2, 15-1/2
1103-264-A	ILCO: 020, 022, 023, 024, 024A, 024B, 025, 026, 040, 044, 045 DOMINION: 143, 144, 145, 146, 147, 132, 150 TAYLOR: KD6AG

REPLACEMENT BRUSHES

Item #	Use on Machine Models
814-00-51 Nylon Brush	Replacement for most KABA-ILCO, Taylor lock, and Dominion Lock machines. 3" diameter with 1/2" arbor hole.
12-10A Wire Brush	Replacement for most KABA-ILCO, Taylor lock, and Dominion Lock machines. 3" diameter with 1/2" arbor hole.

ASP



T-CODE

An alternative for the automotive locksmith who needs everything!

Designed for the more demanding European requirements available to North American locksmiths through the same ASP distribution and technology support system as TCL-1.

- Audi/Volkswagen
- Ford USA
- Nissan / Infiniti
- Honda
- Cadillac Catera
- Mitsubishi
- Chrysler / Jeep

ILCO



#SDD TRANSPONDER KEY PROGRAMMING TOOL

This transponder allows security professionals to quickly and easily program or delete transponder keys for multiple vehicle manufactuers.

- Compatible with over 260 vehicle models worldwide
- Program or originate new transponder keys
- Delete lost or stolen keys
- Capable of reading and resetting vehicle immobilizer error codes
- Built in step by step programming guide
- On-board customer archiving capability
- Built in help function to locate the vehicle's OBDII

ILCO



TD3A

RW2



#TD3A TRANSPONDER DETECTOR & #RW2 ELECTRONIC CODE DUPLICATOR

The TD3A detects the presence of transponders in the head of auto keys. It is compact and easy to carry. The unit identifies a variety of transponders and can also be used to verify the presence of a tranponder in the replacement key prior to cutting.

The RW2 will read the electronic code of a transponder key and duplicate that code onto another key blank. This allows the creation of an unlimited number of keys for a vehicle. A transponder code can also be entered from the keyboard of the RW2 and placed onto a key blank.



JET ETD-1
ELECTRONIC TRANSPONDER DUPLICATOR

This transponder allows fast and accurate duplication of transponders for General Motors, Honda, Mazda and Nissan cars. The ETD-1 will decode and duplicate quality JET transponder key blanks and those from other manufacturers. It also duplicates OEM blanks containing either a Nova or Philips transponder and unlimited copies of keys may be produced.

When the ETD-1 is plugged into a computer serial port and with the addition of JET's optional software program for Windows, the professional can store all vital customer information and duplicate multiple transponder blanks without the customer's original key or the car.

The ETD-1 also has the ability to check plastic head automotive keys to determine the presence of a transponder. The ETD-1 operates on standard voltage, and is portable using a 9-volt battery. The package includes an assortment of free JET transponder keys for Acura, Honda, Nissan, Infiniti, Mazda, Daewoo and General Motors models.



JET ETD-1-JR
TRANSPONDER KEY DUPLICATOR

The ETD-1-JR is JET's affordable choice for electronic transponder key duplication. Using the ETD-1-JR every locksmith can duplicate programmable transponder keys without high priced duplicators.

It's designed for duplication only and cannot be linked to a PC for storage. The ETD-1-JR operates with an AC power adaptor and a 9V battery pack which are both included.

JET TRANSPONDER ACCESSORIES



JET ETD-1
DUPLCATOR SOFTWARE FOR WINDOWS 95/98

With a computer connected to JET's ETD-1 via the serial port, the software allows you to create a complete record of customer key duplication. This includes car make and model, model year, transponder code, even car color and VIN number. With this data, you can duplicate future keys without the car or the original key. All files can be password protected.

This software is conveniently provided on CD-ROM along with a complete operating manual and a toll-free help line number.



JET NGS-1
FORD TRANSONDER KEY DUPLICATOR

Ford transponder keys for the year 2003 models, and for all prior years, can now be made without an original key. The NGS-1 plugs into the vehicle and will create a new key. Five Ford H72-PHT transponder keys are included with the system.

Also available is the new **ETD-NGS-1S** exclusive JET combo package for all Ford automobiles and other cars equipped with transponder programmable keys. This special package includes ten Ford keys plus five of the most popular transponder keys.

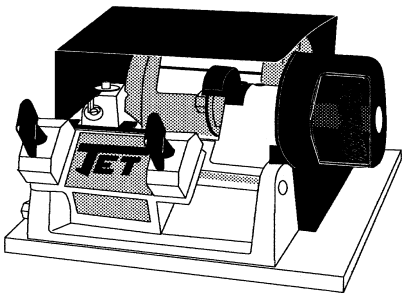


JET TKD-1
TRANSPONDER KEY DETECTOR

The TKD-1 is easy to operate. Simply insert the key inquestion into the key slot and push the red button for a few seconds. The red light indicates if the key is a transponder, and the green light if it is not.

The TKD-1 detects Megamos, Megamos Crypto, Nova, Philips, Temic, Texas Instrument and Texas Instrument Crypto transponders.

Battery included.

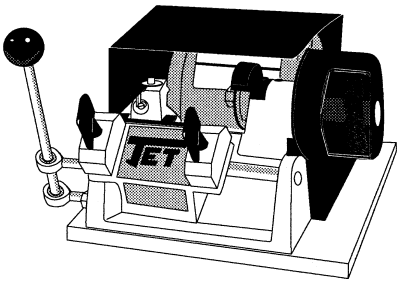


JET MODEL 7010
MANUAL KEY MACHINE

This JET key machine, when combined with the Tower "7001" display, provides a complete key duplicating center. It's perfect for duplicating residential commercial, padlock, automotive keys, even the largest of keys, such as hotel/motel room keys.

The JET 7010 is equipped with the finest set of double sided jaws available, ensuring accurately cut keys on the first try, with little or no waste of key blanks. It features bronze bearings and state-of-the-art reversible cutting jaws for cutting regular and double sided keys. Soft Tylon X rotary brush deburs and polishes finished keys.

The reversible copy dog allows you to cut flat steel and safe deposit box keys with an optional cutter. The JET 7010 is powered by a rugged 120V, AC motor.

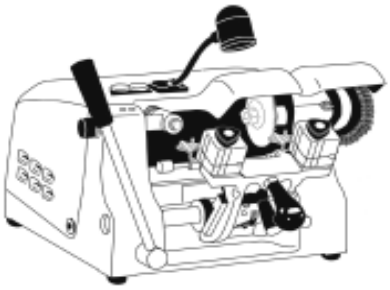


JET MODEL 7020
SEMI-AUTOMATIC KEY MACHINE

The JET 7020 is operated by a convenient lever. This design allows the carriage to move smoothly and accurately, with the use of one hand.

It features the finest set of double-sided jaws available, bronze bearings and reversible cutting jaws. Soft Tylon X rotary brush deburs and polishes finished keys.

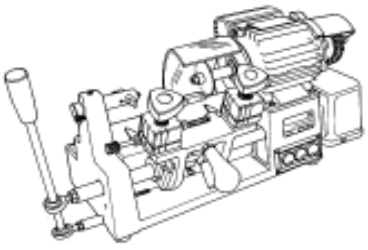
The reversible copy dog allows you to cut flat steel and safe deposit box keys with an optional cutter. The JET 7020 is powered by a rugged 120V, AC motor.



JET MODEL 7060
SEMI-AUTOMATIC KEY MACHINE

SPECIAL FEATURES:

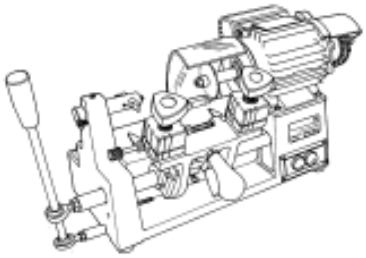
- Momentary Brush Switch
- Carriage Auto-Shutoff Safety Switch
- Cutter is made from M2 steel
- Will fit under JET key tower
- Overhead light
- Heavy Duty Construction
- Four way jaws
- Heavy duty cover for quieter operation



JET MODEL 7080
FULL AUTOMATIC OR SEMI-AUTOMATIC KEY MACHINE

SPECIAL FEATURES:

- Momentary Brush Switch
- Carriage Auto-Shutoff Safety Switch
- Cutter is made from M2 steel
- Will fit under JET key tower
- Overhead light
- Heavy Duty Construction
- Four way jaws
- Heavy duty cover for quieter operation
- Usable as either fully automatic or semi-automatic
- You can set the machine and walk away---cuts automatically
- Cycle time---while in automatic mode, it can cut keys in about 15 seconds



JET MODEL 7090
SEMI-AUTOMATIC KEY MACHINE

SPECIAL FEATURES:

- Momentary Brush Switch
- Carriage Auto-Shutoff Safety Switch
- Cutter is made from M2 steel
- Will fit under JET key tower
- Overhead light
- Heavy Duty Construction
- Four way jaws
- Heavy duty cover for quieter operation



#11MC

STYLE:	MILLING CUTTER
DIAMETER:	2-3/8"
THICKNESS:	.280"
HOLE DIA.:	1/2"
MAT:	HIGH SPEED STEEL
USE ON:	DL 144M, DL144MA



#19MC

STYLE:	MILLING CUTTER
DIAMETER:	3-7/8"
THICKNESS:	.281"
HOLE DIA.:	1/2"
MAT:	HIGH SPEED STEEL
USE ON:	ILCO010, ILCO 2183DM, ILCO 2183HM, KEIL 1, 1-1/2, 10



#23MC

STYLE:	MILLING CUTTER
DIAMETER:	2-1/4"
THICKNESS:	.093"
HOLE DIA.:	1/2"
MAT:	M2 HIGH SPEED STEEL
USE ON:	JET 7010, JET 7020



#23RF

STYLE:	ROTARY FILE
DIAMETER:	2-1/4"
THICKNESS:	.250"
HOLE DIA.:	1/2"
MAT:	M2
USE ON:	CURTIS 2000, 3000; DL-145, 145M, 147M, 149M; HPC 9100, HPC 9110; ILCO 2585DU, H2584CV; ILCO 2184CD; TAYLOR KD1, KD5, KD20; KEIL 4-1/2, 12-1/2, 13-1/2, 15

JET CUTTERS & BUFFING WHEELS



#26MC

STYLE:	MILLING CUTTER
DIAMETER:	3-1/8"
THICKNESS:	.196"
HOLE DIA.:	.630"
MAT:	M35 HIGH SP STEEL
USE ON:	BORKEY REXA; ILCO KD50; RYTAN RY45; RY100, RY256; JET 7050 PRO SR, JET7040 PRO SR



#34MC

STYLE:	MILLING CUTTER
DIAMETER:	2-1/4"
THICKNESS:	.250"
HOLE DIA.:	1/2"
MAT:	M2 HIGH SPEED STEEL
USE ON:	CURTIS 2000, 3000; DL-145, 145M, 147M, 149M; HPC 9100, HPC 9110; ILCO 2585DU, H2584CV; ILCO 2184CD; TAYLOR KD1, KD5, KD20; KEIL 4-1/2, 12-1/2, 13-1/2, 15



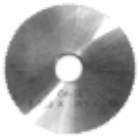
#75MC

STYLE:	MILLING CUTTER
DIAMETER:	75mm
THICKNESS:	5mm
HOLE DIA.:	10mm
MAT:	HIGH SPEED STEEL
USE ON:	JET 7080, JET 7090



#CU20

STYLE:	MILLING CUTTER
DIAMETER:	2-3/8"
THICKNESS:	.250"
HOLE DIA.:	1/2"
MAT:	HIGH SPEED STEEL
USE ON:	ILCO 040, ILCO 044A, ILCO 044B



#CW16

STYLE:	SLOTTER CUTTER
DIAMETER:	2-1/4"
THICKNESS:	.045"
HOLE DIA.:	1/2"
MAT:	M2 HIGH SPEED STEEL
USE ON:	JET 7010, JET 7020



#P9MC

STYLE:	MILLING CUTTER
DIAMETER:	2-7/8"
THICKNESS:	.208"
HOLE DIA.:	1/2"
MAT:	HIGH SPEED STEEL
USE ON:	ILCO 016, ILCO 017, ILCO 018



#X23MC

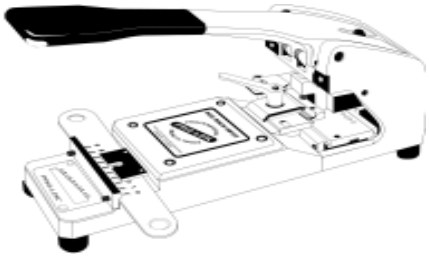
STYLE:	MILLING CUTTER
DIAMETER:	2-3/8"
THICKNESS:	.093"
HOLE DIA.:	1/2"
MAT:	M2 HIGH SPEED STEEL
USE ON:	DL145, DL145M, DL147M, DL149M; HPC 9100, HPC 9110; ILCO 025, ILCO 2184CD, ILCO H2584CV



TYLONG 3" BRUSH

USE ON:	7120, 50-200 JET 7010, JET 7020, JET 7060, JET 7080, JET 7090

KEY MACHINES



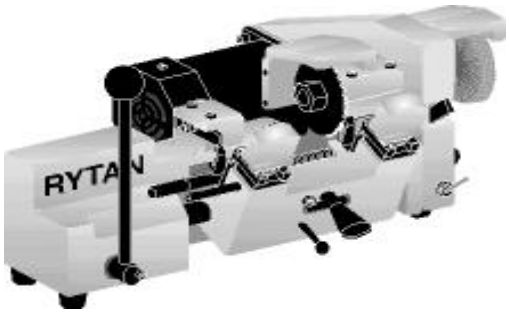
PRO-LOK

#BP201
BluePunch™ Key Machine

This dedicated punch machine is designed to cut "factory original" keys by code. Automatic spacing and depth (formerly sold as Keymak & Armbruster).

PRODUCTS AVAILABLE

ITEM#	DESCRIPTION	SPECIFIC KEYWAYS
#BP201C70	Corbin C70	Most popular Corbin system 70 keyways 59 series A1, A2, B1, B2, D2 60 Series 6-pin
#BP201FW	Falcon Weiser	Falcon standard (non I/C) * Will not cut 8 or 9 depths, all Weiser Cylinders
#BP201IC-A3	I-CORE A3 System	Interchangeable Core (I/C) A3 System
#BP201KW	Kwikset	Kwikset Standard *Titan (will not cut Titan 5 & 6 pin or Titan Square 1st cut) Yale residential
#BP201SCEB	Schlage Everest B	Sections Only – B123, B125, B234, B235, All other keys w/ A, B plus 3 digits
#BP201WK	Westlock	All Weslock Cylinders
#BPSER	Basic Service	Includes dis-assembly, cleaning, lubricating, sharpen punch & die if needed, finish hardware, re-adjustment to factory specs and all labor. (Replacement parts will be at additional cost) 90 day warranty parts and labor.
#BPCONV	Conversion	Convert your machine from one manufacturer's keyway to another, send it in for a factory conversion. Includes: all parts normally required to convert from one style to another, top jaw/handle assembly upgrade, finish hardware, re-adjustment to factory specs and all labor.
#BPRBLD	Factory Rebuild	Includes dis-assembly, cleaning, lubricating, a completely new engine, finish hardware, re-adjustment to factory specifications and all labor. (Does not include casted parts or code bar) This service is done on older Blue Punch machines regardless of manufacturers or age.
#ZBP500-C70 #ZBP500-SC #ZBP500-IC	Top Jaw / Handle Assembly Upgrade	Improved adjustable ratchet lever handle design and installation hardware. Easier key clamping, clamps key tighter, and a heavy duty top jaw 3 times heavier than old style. Available for all styles of BluePunch Machines.



RYTAN
RY100 HIGH SPEED
UNVIERSAL SEMI-AUTOMATIC KEY DUPTLICATOR

The RY100 is a rugged, heavy-duty machine to take the most demanding use in the toughest work environments.

- Full-function key gauging
- Built-in cutter shaft lock
- Large diameter key cutter
- Quick-change step vise jaws
- Heavy-duty ball bearing motor
- Wide spaced vise jaws to hold large headed keys

Models available:	RY100	115V, 60hz motor
	RY100DC	12V, DC motor
	RY100SL	Slotter with .045" flat slotter cutter and 115V, 60hz motor
	RY100DC-SL	Slotter with .045" flat slotter cutter and 12V, DC motor

AMERICAN MOTORS
ALL Locks (except Renault)

1969 & UP ALL Domestic Locks
Set #TO-20 (OPL70 Master keyblank)
Note: Use with Depth Key Set #CHR-1

1969 & UP Glove Box Locks
Set #TO-5 (Keyway 320433/S1769CH)
Note: Use with Depth Key Set #CHR-1

CHRYSLER 8-CUT
Wafer Locks

M1-2619 Series
Set #TO-93 (Keyway Y159)
Note: Use with Depth Key Set #CHR-5

1988-1992 Door Locks
Set #TO-44 (Keyway CY16/P1789/Y154)

1988-1992 Glove Box/Seat Back Locks
Set #TO-45 (Keyway CY16/P1789/Y164)

1988-1992 Cut Key Set -Glove Box Locks
Set #CK-40 (CY16/P1789)
Use with Depth Key Set #CHR-2

1988-1992 Trunk / Hatch Locks
Set #TO-46 (Keyway CY16/P1789/Y154)

1988-1992 Door / Ignition Locks
Set #TO-47 (Keyway CY16/P1789/Y154)

1993 Door / Trunk Locks
Set # TO-64 (Keyway CY19/P1793/Y155)
Note: Use with Depth Key Set #CHR-3

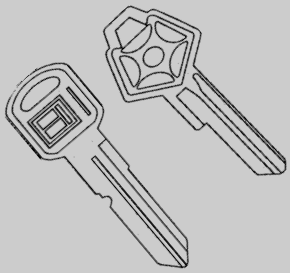
1993 ALL Locks (no need to try more than 32 keys per lock) Set **#TO-65** (Keyway CY19/P1793/Y155) Note: Use with Depth Key Set #CHR-3

1993 Glove Box / Seat Back Locks
Set **#TO-66** (Keyway CY19/P1793/Y155)
Note: Use with Depth Key Set #CHR-3

1994 Door Locks (Except Neon)
Set **#TO-70** (Keyway CY22/P1794/Y157)
Note: Use with Depth Key Set #CHR-3

1994 ALL Locks (Except Neon) & 1995
1994 Eagle Vision, Wrangler, Comanche, CJ5, CJ7 & Wagoneer
Set #TO-71 (Keyway CY22/P1794/Y157)

1994 Door Locks (Neon)
Set #**TO-72** (Keyway CY22/P1794/Y157)
Note: Use with Depth Key Set #CHR-4



AEROLOCK TRYOUT KEYS

For use on:

- cheap, weak, flimsy locks that do not impression well
- locks that can't be disassembled
- locks with no codes, or the wrong code
- locks that have been changed
- night calls when impression marks can be hard to see
- any lock you can't pick, impression or disassemble.

CHRYSLER
Double-Sided Wafer Locks (continued)

1994-1995 ALL Locks (Neon)
Set #**TO-73** (Keyway CY22/P1794/Y157)
Note: Use with Depth Key Set #CHR-4

FORD
Pin Tumbler Locks

Ignition Locks (FA Series)
Set #**TO-1** (Keyway 00113/1167FD/H51)
Note: Use with Depth Key Set #FOR-3

ALL Door/Trunk/Glove Box Locks (FB Series)
Set #**TO-2** (Keyway 00114/S1167FD/H50)
Note: Use with Depth Key Set #FOR-3

FORD
"THE SYSTEM"
10 Wafer Locks
Note: Use with Depth Key Set #FOR-4

1984-1/2 & UP Ignition Locks (longer keyway)
Set #**TO-3** (Keyway H54/H60/1184FD) Will also work on 1993 Nissan Quest

NEW! TO -3 Update
Set **#TO-3U** (Keyway H54/H60/1184FD)
For those who purchased TO-3 before April 1996. Accommodates codes that have been added to this series.

1984-1/2 & Up Door Locks (Longer Keyway)
Set **#TO-40** (Keyway H54/H60/1184FD)

1991 & Up Door Locks (Escort & Tracer)
Set **#TO-56** (Keyway 1191ET

FORD
8-CUT
Note: Use with Depth Key Set #FOR-6

ALL Door Locks
Set #**TO-82** (Keyway 1196FD/H75)

Deck / Tailgate Locks
Set #TO-84 (Keyway 1196FD/H75)

FORD
8-CUT (continued)

Glove Box Locks (Stowage on Taurus, Sable, & Lincoln Mark VIII) Mfg. by Briggs & Stratton
Set #**TO-85** (Keyway 1196FD/H75)
Note: Use with Depth Key Set #FOR-6

Glove Box Locks (Stowage on Taurus, Sable, & Lincoln Mark VIII) Mfg. by Huff
Set **#TO-85A** (Keyway 1196FD/H75)
Note: Use with Depth Key Set #FOR-6

ALL Glove Box Locks (Stowage on Taurus, Sable & Lincoln Mark VIII)
Set **#TO-86** (Keyway 1196FD/H75)
Note: Use with Depth Key Set #FOR-6

ALL Locks (set is ringed according to door cuts, and boxed to first door cut)
SET **#TO-92** (Keyway 1196FD/H75)
Note: Use with Depth Key Set #FOR-6

GM
10-CUT
Note: Use with Depth Key Set #GMC-3

10-Cut Door Locks
Set #TO-76 (ILCO P1102/P1106/B86)

ALL 10-Cut Locks
Set **#TO-77** (ILCO P1102/P1106/B86)

10-Cut Door Locks
Early 1996 Skylark, Cavalier, Sunfire and Grand Am
Set **#TO-87** (ILCO P1106)

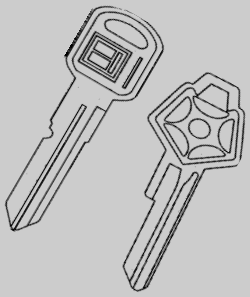
10-Cut Deck Locks
Early 1996 Skylark, Cavalier, Sunfire and Grand Am
SET **#TO-88** (ILCO P1106)

10-Cut Compartment Locks
Set #TO-89 (ILCO P1106)

10-Cut Door Locks / Using spaces 3-9
Set #TO-90 (ILCO P1106)

10-Cut Door Locks / Using spaces 4-10
Set #TO-91 (ILCO P1106)

AEROLOCK TRYOUT KEYS (continued)



For use on:

- cheap, weak, flimsy locks that do not impression well
- locks that can't be disassembled
- locks with no codes, or the wrong code
- locks that have been changed
- night calls when impression marks can be hard to see
- any lock you can't pick, impression or disassemble.

GENERAL MOTORS

ALL Locks

1967 & Up ALL GM Domestic Locks
Set #TO-39 (Keyways A-J, Star master keyblank B15)
Note: Use with Depth Key Set #GMC-1

Same tryouts as TO-39, but grouped for use with glove box locks. Simply try one key per ring in the glove box.
Set #TO-39A (B15)
The ring with the working key will also have the door & trunk key

1991 Cavalier, 1992 Grand Am & 1992 Skylark
Set #TO-55 (ILCO P1099/B68)
Keys are numbered to correspond to accompanying code chart
Note: Use with Depth Key Set #CAV-1

SATURN

Wafer Locks

Note: Use with Depth Key Set #SAT-1

1991 to 1994 Door Locks
Set #TO-48 (P1100/EZ B76)

1991 to 1994 Trunk / Hatch Locks
Set #TO-49 (P1100/EZ B76)

1991 to 1994 Door / Ignition Locks
Set #TO-50 (P1100/EZ B76)

1991 to 1995 ALL Locks
Set #TO-79 (B76)
Note: Set #TO-79 is grouped so that you need to try only one key on each ring in the door. When the door key is found, then you try the four keys on that ring to find the ignition key.

TOYOTA

ALL Locks (Most Cars & Trucks)
Also for Chevy Nova doors & trunks
Set #TO-6 (T61C/T80R/TR33/X137/B56/X146) Note: Use with Depth Key Set #TOY-1

ALL Locks (Vans & Wagons)
Set #TO-7 (TR26/T81B)
Note: Use with Depth Key Set #TOY-2

ALL Locks (Also for Chevy Nova Ignition) (B55/X145)
Set #TO-21 (TR28/X37)
Note: Use with Depth Key Set #TOY-1

1989-95 Pickups (Small) 1988-92 Corolla & 1991-92 Tercel
Set #TO-80 (B72)
Note: Use with Depth Key Set #TOY-4

1990-94 4-Runner, 1991-94 Landcruiser, 1989-92 Cressida, 1990-93 Celica, 1991-94 MR2 & 1990-92 Supra
Set #TO-81 (B72)
Note: Use with depth Key set #TOY-4

UTILITY / FILE / DESK / CABINET TRYOUTS

Briggs & Stratton
Accessory Gas Caps & Big Trucks
Brockway, Diamond, Reo, Freightliner, Mack, White (H601-1100), Kenworth, Peterbilt (C250-699)
Set #TO-19 (Masterkeyway ILCO 1098M/B1) Note: Use with Depth Key Set #BRS-1

Illinois Cabinet & Utility Locks
Set #TO-35 (Keyway ILCO 1043D)
Note: Use with Depth Key Set #ILL-1

Illinois Cabinet & Utility Locks
Set #TO-36 (Keyway ILCO 1043B)
Note: Use with Depth Key Set #ILL-1

UTILITY / FILE / DESK / CABINET TRYOUTS (continued)

Chicago FIle Cabinet Locks
Will work all locks in these code series: A, AH, B, BM, C, E, G, GW, HM, J, K, M, MC, MD, N, R, RB, RC & X, plus some locks in other series
Set #TO-43 (Keyway ILCO 1041Y {original #KP1} CG17)
Note: Use with Depth Key Set #CHC-2

DOMESTIC AUTO DEPTH KEY SETS

AMC-1: AMC, Jeep, Internat'l Harvester K& L (RB2 / 1970AM / RA4)

CAV-1: Cavalier Ignition (P1099 / EZ B68 / GM29)

CHR-1: Chrysler Pin Tumbler - ALL Locks (ILCO 1769CH / S1769CH / Y150)

CHR-2: Chrysler Wafer Locks Series F (P1789 / Y154)

CHR-3: Chrysler 1993 Wafer Locks (P1793 / Y155)

CHR-4: 1994 - 1995 Wafer Locks (P1793 / Y155)

CHR-5: Chrysler 8-Cut Series (Y159)

FOR-2: Ford 1952-1964 Series FE, FL,FN, FZ (ILCO 1127DU / 1127 DP, etc.)

FOR-3: Ford 1965-1984-1/2 Series FA, FB (ILCO-1167FD / S1167FD)

FOR-4: Ford 1984-1/2 Wafer Locks Series (1184FD / H60)

FOR-5: Ford Aspire (ILCO H70 / X231)

FOR-6: Ford 1996 & UP 8-Cut (ILCO 1196FD / H75)

GMC-1: General Motors 1936 & Up (Keyways A thru K)

GMC-2: General Motors Longer Keyways (ILCO P1098AW/EZ B62)

GMC-3: GM 10-Cut (ILCO P1102 / EZ B82)

SAT-1: Saturn (ILCO P1100 / EZ B76)

CYLINDER LOCKS DEPTH KEY SETS

AMP-2: American Padlock (PTKB2 / PTKB1, etc)

ARC-1: Arco Rifkin Bank Bags (1131 / 1131R)

ARC-2: Arco Rifkin Bank Bags (1131R / ARC2)

ARR-2: Arrow

BRG-1: Bargman (ILCO 1054M / BRG1R)

BST-1: Best

BST-2: Best (ILCO A1114A / 1A1)

BST-3: Best (1A1)

BOM-1: Bommer Letter Boxes (ILCO R1003M / Taylor 22B)

BRK-1: Brooks National (ILCO 1177N)

BRS-1: B&S / Loxem, etc. / Pre '70 AMC (ILCO 1098M / X, etc)

CHC-1: Chicago Disc Tumbler (K101 / K102 / K5 / K35, etc)

CHC-2: Chicago Pin Tumbler (KP1-KP18)

CLB-1: "The Club" (X6 or X7)

COR-1: Corbin Disc Tumbler (JUJR / JVUJVR, etc)

COR-3: Corbin Large Pin / Pre '77 (67 / 57 / 27 / 77 / 97 / 99)

COR-4: Corbin Large Pin / '77 & UP (59 / 60 / A1 / A2 / B1 / B2, etc)

COR-5: Corbin System 70

COR-6: Corbin Small Pin (1000F)

CRF-1: Craftsman (1096EN)

DEX-1: Dexter 1969 & Up Large Pin (DE6)

DEX-2: Dexter Pre '69 (DE6)

ELG-1: Eagle (1014J / EG2R)

ELG-2: Eagle (1014DS (DX))

ELG-3: Eagle (X1014F)

ELG-4: Eagle (O1014S / EG5R)

ESP-1: ESP (1503 / ES9)

FRT-2: Fort (CH6?)

FOT-1: Fortress (HR2 / TE3)

HOL-1: Hollymade (Challenger - NOT Yale) (1170B)

HUD-1: Hudson Small Pin (R22B / 22B)

HUD-2: Hudson Disc Tumbler (01122A)

HRD-1: Hurd Direct Digit & Padlocks (1125 / H6)

ILL-1: Illinois Singel-sided Disc Series A4300 PRT (260 / 265 / 360, etc))

KWK-1: Kwikset (1176)

KWK-2: Kwikset (KW5)

KWK-3: Kwikset Titan (KW10)

LKW-1: Lockwood (ILCO 1004B / 1004M)

LKW-2: Lockwood & ILCO Large Pin (1004A / 1004 / X 1054K, etc)

LKW-3: Lockwood (ILCO 1004)

LKW-4: Lockwood (ILCO 1004A)

LSD-1: LSDA "Taiwan" Knobs & Deadbolts (ILCO 1176)

MAS-1: Master Padlock Sm Pin - L,N,P,S, T (Keyway 7K / M2)

MAS-2: Master Padlock 4 & 5 Pin (15K / 1K / 17K / 27K / 81KR, etc)

MOS-1: Moss Series B/C 11111 - 66666 (X1054K / IN3)

NAT-1: National Disc Tumbler (1069)

NAT-2: National (1069LB / NA12)

NAT-3: National Small Pin Series A, D, BN, CM, F etc. (1069U / 069LB, etc)

NAT-4: National Large Pin (1069U 1069LB, etc)

NAT-6: National Double-sided Disc (D8777)

PUN-1: Pundra (ILCO PU2)

RUS-1: Russwin Large Pin/Pre '77 Series D/H (A11 OD1)

RUS-2: Russwin Large Pin / Standard (A1011P / RU16)

RUS-3: Russwin System 70 / Pre '77

RUS-4: Russwin System 70

RUS-5: Russwin .015 System (10011 / RU16)

SAR-4: Sargent Large Pin (S/CA-CM/LA-LM, etc)

SAR-5: Sargent .015 System (01007LA / S22)

SCH-2: Schlage Pin Tumbler (C / E / F / G, etc)

SEC-1: Security Fire Safes & Safety Deposit Bx (SY3)

SEG-1: Segal (1022 / 1022AB)

SLA-1: Slaymaker Series: BW, CW, DW, EW, FW & GW (Keyway A1074G)

TAY-1: Taylor Disc Tumbler File Cabinets (1141K)

TAY-2: Taylor Small Pin (1141F)

TAY-3: Taylor Large Pin Series FM (111 GE)

TMB-1: Timberline (1043J)

UNI-1: Union (UN13)

WSR-2: Weiser / Falcon Pin (1559 / 1555 / 1573 / 1577, etc)

WSR-3: Weiser (1054 / WR4)

WEL-1: (1123S / 1123)

WES-1: Weslock (1175)

WES-2: Weslock (1175N / WK2)

WBN-1: Wilson Bohanan (1071 (B) / W1 (WH1))

YAL-1: Yale Disc Tumbler (01122A, etc)

YAL-2: Yale Small Pin (12-1/2, 10-1/2, etc.)

YAL-3: Yale Large Pin (Keyway 8 / Y1)

YAL-3A: Yale Large Pin (Y2)

XLL-1: XL Series K (1180S / Taylor XL7)

XLL-2: XL Series X (1080S)

MISC. CUT KEY SETS

Boats

CK-21: Chrysler/ Force Outboard Series CH3-8

CK-23: Cole-Hersee Series CH501-525 (O1122AR)

CK-19: Evinrude / Johnson "Pistol" Keys (OM10 / 40F)

CK-20: Evinrude / Johnson Series 51-67 (1098M)

CK-27: Mercury Outboard Series 1A-2F (over 50HP after 1983)

CK-28: ALL Nissan Outboard Seres 301-303

Snap-In Deadbolts

CK-60: Snap-in Deadbolts

Utility / File / Desk / Cabinet

CK-17: Alma Desks Series AL1-10 (HO2 / Y13)

CK-15: Chicago File Cabinet Series 1X1-7X6 (1041Y / Chicago KP1)

CK-15: Chicago File Cabinet Series 1A1-6A6 (1041Y / Chicago KP1)

CK-4: Chicago Series S100-140 For Steelcase (S1041JA / Chicago KP1)

CK-25: Chicago Series FR301-456 For Steelcase Office Furniture (All cuts are on one keyway. Instructions are included.

CK-30: Cory-Jamestown File Cabinet Series 101-150 (1041T / Chicago K5)

CK-14: Detex Battery Compartment Series DT11-30 for newer models (L1054B).

AEROLOCK TRYOUT KEYS (continued)

For use on:

- cheap, weak, flimsy locks that do not impression well
- locks that can't be disassembled
- locks with no codes, or the wrong code
- locks that have been changed
- night calls when impression marks can be hard to see
- any lock you can't pick, impression or disassemble.

MISC. CUT KEY SETS Utility / File / Desk / Cabinet (continued)

CK-24: Detex Battery Compartment Series 1-10 for older models (L1054B)

CK-1: Hudson File Cabinet Series L001-010 for HON (1003M / R22B)

CK-13: Popular Individual Keys (for "Keyed Alike" Locks) Corbin CAT30, Chicago S100, National T593, 0579,C415A,Yale D7C3, 601, Unicad DF59, DF5, & Lane Cedar Chest Key

CK-2: Taylor File Cabinet Series B101-112 For COLE (1141K / 111B) Depth Key #TAY2

CK-31: Unican Series DF1-61 for desk & cabinet locks (1054UN)

MISC. CUT KEY SETS Refrigerator Freezers

CK-5: Common Freezer Codes (Amana, Ben Hur, BFG, Carrier, Norge, IH, Gibson, Jordan, Sears, GE Philco, Kelvinator & Tru-Cold

CK-6: Frigidaire / Series LZ1-LZ25

CK-7: Frigidaire / Series YL1 - YL35 (ILCO S1069G)

CK-12: GE Freezers / Series YG1 - YG15 (ILCO S1069G)

CK-22: GE Freezers / Series D1B - D25B (ILCO S1069G)

CK-49: Admiral & Gibson Freezers / Series LL426-LL450 (ILCO 1041T)

CK-50: Kelvinator Freezers /Series YZ1-YZ15 (ILCO S1069G)

CK-51: Westinghouse Freezers / Series YH1-YH15 (ILCO S1069G)

CK-52:Whirlpool Freezers / Series XC1-XC15 (ILCO S1069G)

CK-53:Whirlpool Freezers/ Series YN1-YN15 (ILCO S1069G)

ESP



HIDE-A-KEY PLUS+™

This new version of the original classic is larger to hold today's bigger, longer keys. Make in the USA of specially developed rugged plastic, it features strong double magnets for powerful gripping.

#HKP-21DI - 10 eye-catching pieces on a colorfull 11-1/4" x 14-1/8" metal display stand. 12 displays per case.



HIDE-A-KEY

The "original" magnetic key holder is made in the USA and features the powerful, double size magnet.

#HAK-1 - Popular self-selling point of purchase display is a 11-1/4" x 14-1/8" metal display stand that comes with 12 key holders magnetically attached. 12 dozen per case.

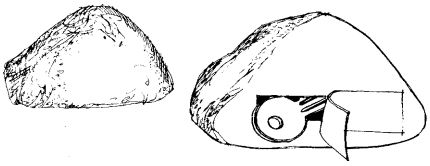


IDENTA-KEY

Made of rubber-like vinyl, Identa-Keys will stretch and conform to fit snugly over virtually all key head sizes. Available in 8 brilliant, fluorescent-like colors.

#IDK-1 - This eye-catching display is stocked with 200 Identa-Keys, 25 of 8 colors.

#IDK-10 - Same as above only colors are neon.



KEYSTONE

Looks like a rock, feels like a rock, is NOT a rock--is a key container which has a key holding slot in the bottom. The key is kept in its spot with a plastic lid. Place amidst landscape to hide rock.

#KST-1 The Keystone is packed one per display box, 36 pieces per case



#LB-5 LEATHER BELT KEY HOLDER

Made of genuine leather, this key holder snaps on and off easily and securely. Features a swivel action hook and detachable split key ring. These items are packed 12 per display card measuring 12" x 9-1/2".





HOOK ZIPPER KEY CASE

Made of genuine cowhide leather for duability, these cases contain a side storage compartment for your license and registration. Packaged 12 on a 12" x 15" display card.

#ZP-6 - 6 Hook Zipper Key Case
#ZP-6BL - 1piece per plister card, sold by the dozen

#ZP-12 - 12 Hook Zipper Key Case
#ZP-12BL - 1piece per plister card, sold by the dozen



BRASS KEY TAGS

ESP offers 3 various sizes of key tags, all solid brass, all .040 inches in thickness. Packaged in boxes of 100 each, they're the popular sizes.

#KT001 - 1" Diameter
#KT114 - 1-1/4" Diameter
#KT138 - 1-3/8" Diameter

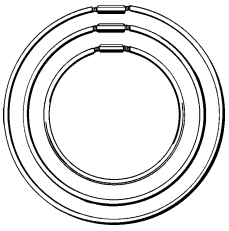
HPC



UTILITY TAGS

For use on heavy or much handled merchandise, where strength and non-mutilating qualities are required. These metal rim utility tags are manufactured from heavy stock with a smooth writing surface. Each tag has an attached string, looped and knotted.

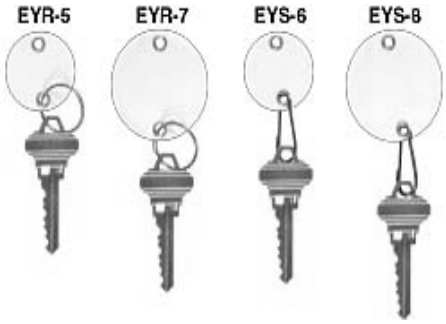
#ERD-0 - 1" Dia.
#ERD-1 - 1-3/16" Dia
#ERD-2 - 1-1/2" Dia
#ERD-3 - 1-13/16" Dia



LARGE KEY RINGS

The large key rings are made of half-hard steel. The threaded fastener
screws either to the left or the right allowing access on both sides of the ring. The 11" ring slips over head easily for carrying around the neck and will hold about 260 keys.

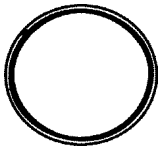
#LKR-6 - 6" Dia.
#LKR-8 -8" Dia.
#LKS-11 - 11" Dia



KEY IDENTIFICATION TAGS

#EYR-5 - 1-1/4" Dia. with ring
#EYR-7 - 1-3/4" Dia. with ring

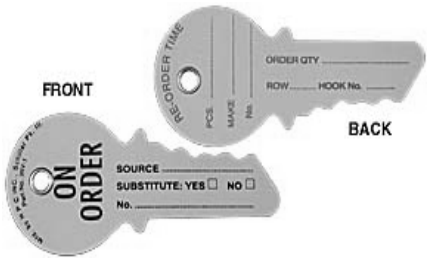
#EYS-6 - 1-1/4" Dia with snap
#EYS-8 - 1-3/4" Dia with snap



GIVE-AWAY KEY RINGS

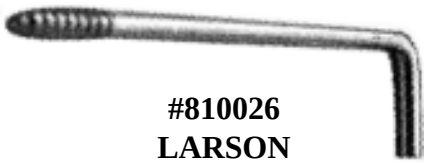
These key rings are manufactured from hardened .0475" diameter spring steel wire. They are bright zinc plated to resist tarnishing. Packed 1000 per box.

#GAK-6 - 1" Dia.
#GAK-4 -3/4" Dia.
#GAK-3 - 5/8" Dia



#INV-1 KEY BLANK INVENTORY CONTROL TAGS

These tags offfer a quick visual method of controlling key blank inventory. These bright yellow tags mount directly on the hook in front of your determined "order point" They are printed in black and red on heavy card stock with a metal grommet. Packed 100 per box.



#810026 LARSON KEY HOOK

2-1/4" Hook, 1/8" diameter with screw end for wood or drywall (511 LARS)

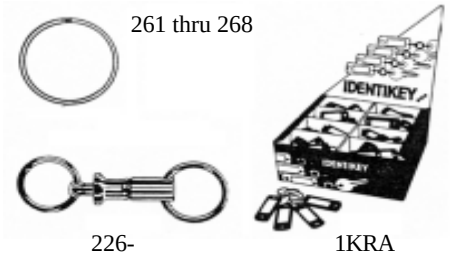


SEMCO DISPLAY HOOKS

Standard perf board hooks are made of tough carbon steel and have a rust-resistant, polished galvanized finish.

#DS25 - 18lbs load limit, 2" length, 9 gauge
#DS45 - 9lbs load limit, 4" length, 9 gauge

ILCO



#1KRA - Key ID Ring Asst.

#226-14-51 - Snap Apart Key Ring (carded)

#261-00-8X - 5/8" Split Key Rings
#262-00-8X - 3/4" Split Key Rings
#263-00-8X - 7/8" Split Key Rings
#264-00-8X - 1" Split Key Rings
#265-00-8X - 1-3/16" Split Key Rings
#266-00-8X - 1-1/4" Split Key Rings
#267-00-8X - 1-1/2" Split Key Rings
#268-00-8X - 2" Split Key Rings

#765G-00-8X - 19/32" Split Key Rings (Spring Steel)

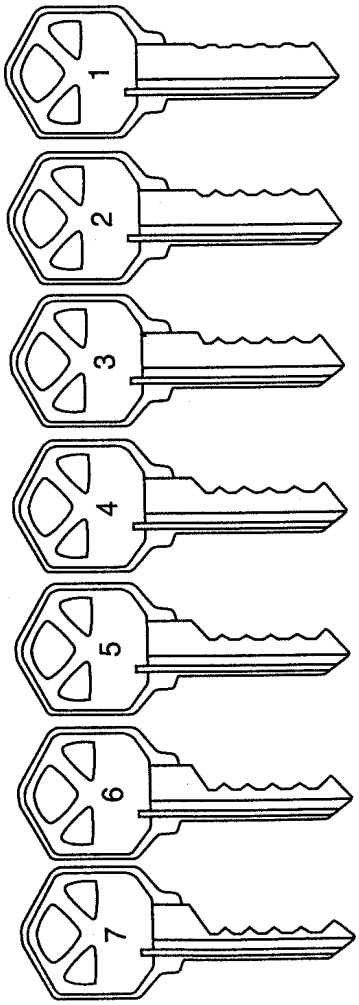
#232-00-51 - Magnetic Key Case - Large
#234-00-51 - Magnetic Key Case

ILCO DEPTH KEY SETS

Depth and space keys are used when cutting keys by code. They offer a method of making a new master system or adding keys to an existing system.

A set of depth and space keys contains a cut key for each of the different depths used in a given series or a particular locking mechanism. All the cuts on a key are to the same depth, repeated as many times as the number of pins or disc tumblers used in the lock. These cuts are correctly spaced as required by the tumbler system in a specific lock.

Note: The listed key blank numbers should be used for reference. These depth key sets may apply to other equivalent key blank numbers. For example, the DA117 for Schlage will work for any Schlage letter keyway (C, CE, E, EF, F, FG or G)

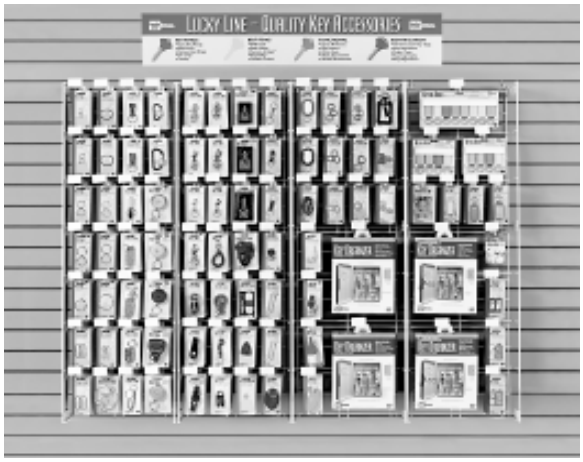


Item #	Description	Spaces	Keys/set	Key Blank
	A/LARGE PIN CYLINDER			
DKA100	Arrow (New Standard & Sectional)	6	10	1179A
DKA101	Best and Falcon	7	10	A1114M
DKA103	Corbin - 60 Series	6	6	A1001EH
DKA104	Dexter Large Pin ('69 up)	6	10	F1054KA
DKA105	Dominion Standard Large Pin	5	8	1054F
DKA107	ILCO Standard Large Pin	6	10	X1054F
DKA108	ILCO 560-561 and 600 Series	5	7	1054MT
DKA109	Kwikset (New) also used on Corbin Russwin pop out cylinder	5	7	1176
DKA110	Lockwood Standard Large Pin	7	10	1004L
DKA112	National Rockford Standard Pin	5	10	R1064E
DKA113	Russwin Standard Large Pin	6	10	A011M
DKA114	Russwin Sectional Russwin 70 Series (Use Corbin 60 Series)	6	10	A11011-D1
DKA115	Sargent Standard Large Pin	6	10	L1010N
DKA116	Sargent Sectional	6	10	O1007LA
DKA117	Schlage Standard Large Pin	6	10	1145A
DKA119	Segal-Earle Standard Large Pin	5	7	1022
DKA120	Taylor Standard Large Pin	5	7	1141GE
DKA121	Weiser Standard Large Pin	7	10	L1054WB
DKA123	Weslock Standard Large Pin	5	8	1175N
DKA124	Yale Standard & Sectional	6	10	999A
	B/DISC TUMLER			
DKB200	Chicago 6 Disc	6	5	100AM
DKB201	Corbin All (Most) Dexter (Use B & S)	6	5	1000V
DKB202	Eagle Disc	5	5	1014S
DKB203	ILCO Disc	5	5	L1054B
DKB204	ILCO DF & U Series	5	5	1054UN
DKB205	Illinois Single Sided	5	4	1043F
DKB206	National (Rockford) (Most)	5	4	1069N
DKB207	Yale (Most)	5	5	O1122A
	C/SMALL PIN (INCLUDING LETTER BOX)			
DKC300	Chicago, Pin	5	7	1014V
DKC301	Corbin (B4R,4T)	6	10	1000F
DKC302	Eagle (long space)	4	10	1014DX
DKC303	Hudson Auth, Bommer & Others	5	6	1003M
DKC304	ILCO Pin	5	7	X1054JK
DKC305	American, Junkunc Pin Tumbler Padlock	6	8	1046
DKC306	ILCO Lockwood 3/4: Dia. Cylinder	5	7	1004M
DKC307	Master Padlock Large 4 Pin	4	8	1092
DKC308	Master Padlock Small 4 Pin	4	6	1092B
DKC309	National (Rockford) Not for letter box apps.	5	10	1069LA
DKC310	National (Rockford) letter Amek Device, Auth, Bommer, Etc.	5	10	1069LB
	D/AUTOMOTIVE			
	American Motors Pre '70 (Use B&S)			
DKD401	American Motors '70 up	5	5	1970AM
DKD402	Brigss & Stratton	5	5	H1098X
DKD403	Chrysler '56-'67 Pin Tumbler, Chrysler CV SIde bar Trunk Lock (Use GM)	5	5	1746P
DKD405	Chrysler '68 DP & DS Series	5	5	1768
DKD406	Chrysler '69 up EP & ES Series	5	5	P1779W
DKD407	Ford pre '52	5	5	1125H
DKD408	Ford '52-'64 (65 & 66 Mustang)		5	1127DU
DKD409	Ford '65 up Double Sided Ign.	5	5	1167FD
DKD410	Ford '65 up Double Sided Trunk	5	5	S1167FD
DKD411	General Motors All	6	5	P1098E
DKD412	84-1/2 Ford	10	5	1184FD

ASK YOUR SALES REPRESENTATIVE ABOUT VENDOR DISPLAY UNITS!



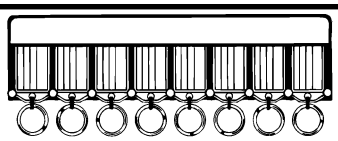
COUNTER TOP DISPLAYS



PEG BOARD / WALL MOUNT DISPLAYS

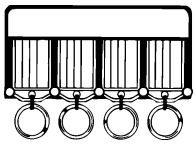


TILT-BIN DISPLAYS



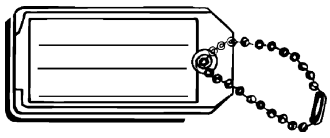
#60580
8-KEY TAG RACK

- Supplied with eight No. 605 tags, two screws and adhesive strips to mount anywhere
- Rack measures: 10"W x 2-1/2"H x 1/2"D
- 1 per Blister Card



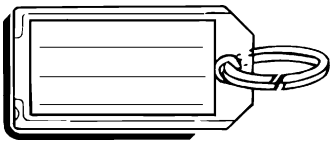
#60540
4-KEY TAG RACK

- Supplied with four No. 605 tags, two screws and adhesive strips to mount anywhere
- Rack measures: 5"W x 2-1/2"H x 1/2"D
- 1 per Blister Card



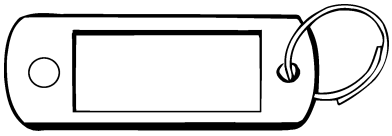
#20100
KEY TAG w/ BALL CHAIN

- Durable transparent tag w/ paper insert
- Heavy-duty 4-1/2" nickel plated ball chain
- 5 assorted colors: Clr, Blu, Grn, Red, Ylw
- Tag measures: 1-1/8" x 2-1/4"
- 100 per box / Assorted



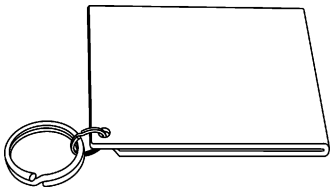
#20400
KEY TAG w/ SPLIT RING

- Paper insert slides out for easy writing
- 7/8: nickel plated steel split key ring
- Tag measures: 1-1/8" x 2-1/4" - Clear only
- 100 per box / Assorted



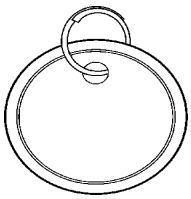
#16900
KEY TAG w/ RING

- Flexible, colored plastic tag w/ paper inserts
- Avail colors: Blk, Blu, Grn, Prpl, Red, Ylw
- Tag measures: 7/8" x 2". Comes with 3/4" overlapping ring
- 200 per Display Box / Assorted colors



#20501
ACRYLIC PHOTO HOLDER

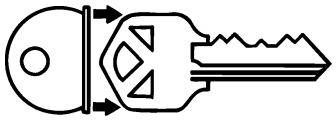
- Holds wallet & School photos securely
- Comes with 1-1/8" nickel plated tempered steel split ring with 1/2" overlaping ring
- Photo holder measures: 2-3/8" x 3-1/4"
- 1 per card



PAPER TAG w/ RING

- Sturdy metal-rimmed white paper tags
- Supplied with overlapping ring attached

#28000 - 15/16" Diameter tag (50/box)
#28200 - 1-1/4" Diameter tag (50/box)



#165 KEY CAP REFILLS

- Fits over most standard key heads
- 8 Standard colors: Blk, Dk Blu, Blu, Grn, Orchid, Dk Prpl, Red, Ylw
- 4 Neon colors: Pink, Green, Orange, Yellow
- Call for available refill colors



KEY IDENTIFIERS

- Will stretch to fit over most standard key heads
- Assorted standard and neon colors

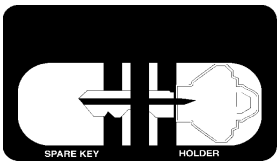
#16400 -Small Size- Display Box / Asst-200pcs
#16704 - Med Size - Skin Card/Asst - 4/cd
#16706 - Med Size - Skin Card/Neon - 4/cd
#16700 - Med Size - Display Box/Asst - 200pcs



MAGNETIC KEY HOLDER

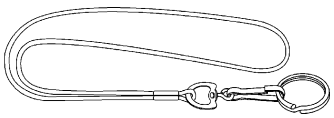
- Rugged black plastic case holds two large keys-will not rust
- Two heavy-duty, superior magnets hold to any steel surface
- 1 per card

#91001 - Large - 3" x 1-7/8" x 5/8"
#91201 - XLarge - 4" x 2-1/8" x 5/8"



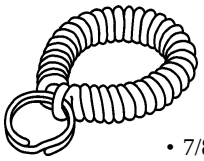
#90901
WALLET KEY HIDER

- Durable plastic, sized to fit in a wallet
- Holds two standard keys or one large headed key
- Black - Measures 3-3/8" x 2-1/8"
- 1 per card



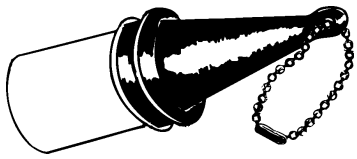
#41401
LANYARD

- Strong woven nylon cord w/ metal swivel to allow clip to lie flat against chest
- Available in Blk, Blu & Wht (21-1/2" long)
- 1 per card



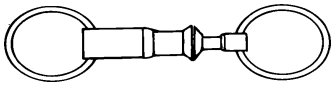
#41012
WRIST COIL

- 7/8" nickel plated tempered steel split ring
- Available colors: Blk, Dk Blu, Teal, Purple, Red, Wht; Neon colors -Pink, Yellow & Grn
- Multiple Card/Asst - 12 per card



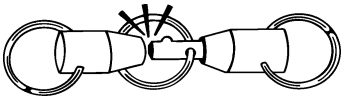
#92101
KEY BUOY

- Durable key holder floats up to 5 keys easily - Red and white sections make it highly visible
- Bottom half separates to provide a watertight storage compartment
- Made of tough plastic with a 6" nickel plated brass ball chain that won't rust
- Measures 4" long by 1-1/4" diameter
- 1 per Skin Card



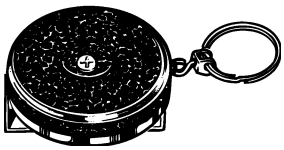
#70701
QUICK RELEASE

- Pull-apart key holder is made of tough nickel plated brass with two 7/8" nickel plated tempered steel split key rings
- Overall length is 3"
- 1 per skin card



#71701
3-WAY PULL APART

- 3-way pull-apart key holder supplied with three 7/8" nickel plated tempered steel split key rings, a steel body and red & blue anodized aluminum ends
- Overall length is 3"
- 1 per skin card



KEY BAK'

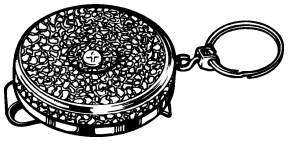
- High-quality key reel with 24" retractable pull flat, linked steel chain
- Two styles: Clip on belt or slip through belt for added security
- Measures 2-1/2" in diameter
- Includes a lifetime service policy

#43501 - Skin Card/Chrome Clip-On (1pc)
#43301 - Skin Card/Chrome Slip-On (1pc)



#43651 SUPER 48 KEY BAK'

- Extremely high-quality key reel with 48" retractable pull
- Unique ball & Socket locking mechanism holds multiple keys
- Heavy-duty polycarbonate case will not rust
- Includes a lifetime service policy
- 1 per skin card



#43701 HEAVY-DUTY 48 KEY BAK'

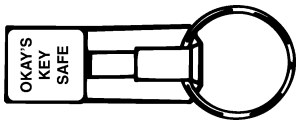
- High-quality key reel with 48" retractable pul of aircraft cable for a smooth draw
- Clips on belt
- Textured chrome - measures 2-1/2" dia.
- Includes a lifetime service policy
- 1 per skin card



SECURE-A-KEY'

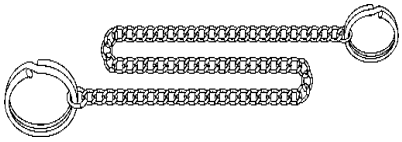
- Spring stainless steel
- Keys cannot be removed without depressing the release lever
- Suplied with 1-1/8" nickel plated tempered steel split ring - 2" long without ring

#40412 - Clip-on style - 12 per card
#40512 - Slip-on style - 12 per card



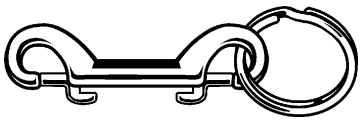
#47601 OKAY'S KEY SAFE

- Slips through belt
- Made of nickel plated steel
- 1-1/8" split ring snaps in and out with ease
- 1 per card - 2" long without ring



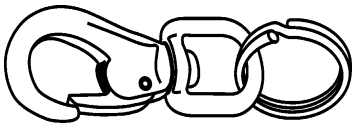
#40201 16" POCKET CHAIN

- Split key rings at each end: 3/4" & 1-1/8"
- Made of nickel plated tempered steel link chain
- 1 per card



#44901 DOUBLED ENDED BOLT SNAP

- Medium-sized bolt snap with clips at each end
- Made of nickel plated zinc, comes iwth 1-1/8" splt ring
- Measures 3-1/2" without split ring
- 1 per card



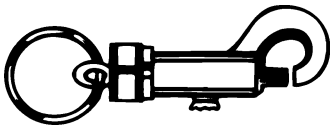
#44701 BOAT SNAP

- Large, heavy-duty boat snap with a rotating bottom
- Spring-loaded gate opens with light pressure, stays closed
- Made of nickel plated zinc, comes with 1-1/2" nickel plated tempered steel split ring
- Measures 3-1/4" without split ring
- 1 per card



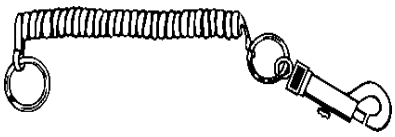
#45301 LEATHER BELT HOOK w/SNAP

- 6" leather belt hook has a clip for key removal and 1-1/8" split ring
- Snap allows for easy removal
- 1 per Skin Card



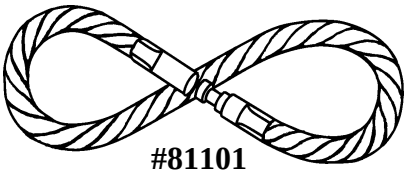
#41501 PLASTIC KEY CLIP

- Strong plastic key clip with bottom swivel rotates and a split ring
- Measures 3-1/2" without split ring
- 1 per Skin Card



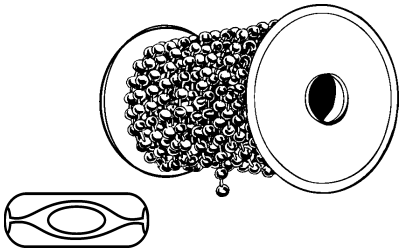
#41601 DESIGNER KEY COIL

- 10" coil stretches to 48"
- Two split rings are supplied with plastic snap and coil - attached at either
- 1 per Skin Card



#81101 TWISTY'

- Strong, flexible, corrosion-resistant aircraft cable - nylon coated key ring
- Unique patented locking mechanism assures keys stay put - crip for permanent closure
- Available colors: Blk, Blu, Prpl, Red, Grn
- Standard 5" length
- 1 per card



BALL CHAIN & COUPLERS

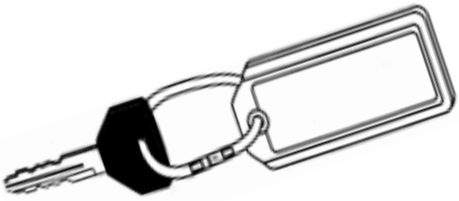
#31700 - 100ft spool of 1/8" chain - Nickel
#31800 - 100ft spool of 1/8" chian - Brass

#31900 - 100/pkg of couplers - Nickel
#32000 - 100/pkg of couplers - Brass



MITY-MITE' SPOOL & CONNECTORS

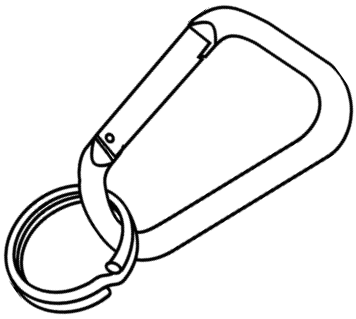
#43100 - 100ft spool of flat link, stainless steel chain
#43000 - 100/pkg of 5/16" nickel plated steel split ring



LOCKING CABLE KEY RINGS

- Simple to close and lock. Just crimp at the scrible line and the cable ring is permanently closed.
- Perfect for industrial firms, prisons, casinos, schools and residential complexes.

#80820 - 4" Black cable key ring, 25/bag
#80830 - 4" Red cable key ring, 25/bag
#80840 - 4" Blue cable key ring, 25/bag
#88000 - Crimping tool for locking ring

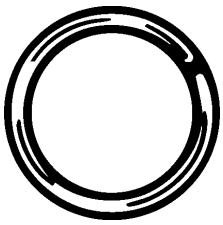


C-CLIPS

- Spring-loaded gate, clips to belt or purse
- Made of anodized aluminum and a split key ring
- Assorted colors
- Not made for climbing

#46001 - Small (2-3/8"), 1 per skin card
#46012 - Small (2-3/8"), 12 per card-asst colors

#46101 - Large (3-1/8"), 1 per skin card
#46112 - Large (3-1/8"), 12 per card-asst colors



NICKEL PLATED TEMPERED STEEL SPLIT KEY RINGS

- Key rings hold multiple keys securely
- Resilient tempered steel won't lose shape even after repeated use

#76402 - 1" dia., 2 per skin card
#76002 - 1-1/4" dia., 2 per skin card
#76801 - 1-1/2" dia., 1 per skin card



TWO HOLE SOLID BRASS TAGS

- Solid brass tags can be stamped or engraved
- Second hole allows tag to hang easily
- .040 thick

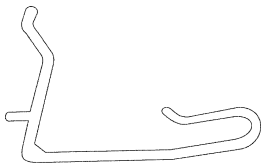
#26021 - Two hole tag, 100/bx - 1-1/8" dia
#26022 - Two hole tag, 100/bx - 1-1/4" dia



SST KEY TAGS

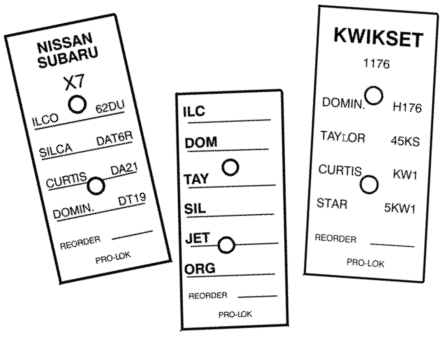
- The center portion is 1/10" thick with heavy rolled edge for extra strength and protection for the face
- 3-1/2" Diamond Shape
- Available Colors: Black, Bronze, Dk Green, Lt. Blue, Orange, Red
- C-Clips & S-Clips sold separately

PRO-LOCK



KEY HOOKS

Pliable, durable, colorful no-spill key hooks. Unique design securely holds 25-30 blanks per hook and won't allow your key blanks to come off until you want them off. Special formula material elimnates breaking and drooping. Available colors: Blue, Black, Brown, Red, Teal, White

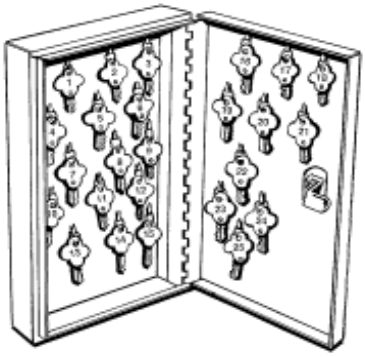


KEY TAGS

Key tags help organize your keysboard. Used them behind key hooks. Lists key blank manufacturer & part number for reordering blanks.

#LT420 - Domestic Key Tags- 800 tags
#LT421 - Auto Key Tags - 700 tags
#LT422 - White Blank Key Tags - 96 tags
#LT423 - Fluorescent Key Tags - 96 tags
(Three colors: Pink, Yellow & Red)

HPC



SLIMKAB LINE

This series is an economical line of key control cabinets. The cabinets are made of 22 gauge steel and come equipped with a 5-wafer cam lock. The hooks for tags are a single prong style for most standard rings. The included clover leaf fiber tags come with adhesive numbered labels for the user to apply. The "X" at the end of an item # denotes that the cabinet is expandable.

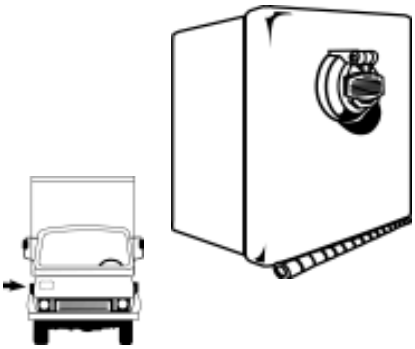
#SK-15X	15 key capacity
#SK-20X	20 key capacity
#SK-25	25 key capacity
#SK-35	35 key capacity
#SK-45X	45 key capacity
#SK-55X	55 key capacity
#SK-75	75 key capacity
#SK-90	90 key capacity



TWO-TAG KEKABS®

HPC's two-tag security key control system is designed to control and provide security for 30 to 500 keys. The two-tag system enables you to loan a key, while keeping a copy in the cabinet for emergency use. The cabinet is designed to be mounted on a wall, near a desk or a work station. The "X" denotes expandable cabinet.

#KEKAB-T30	15 key capacity
#KEKAB-T40X	20 key capacity
#KEKAB-T60	25 key capacity
#KEKAB-T80X	35 key capacity
#KEKAB-T100X	45 key capacity
#KEKAB-T120X	55 key capacity
#KEKAB-T160X	75 key capacity
#KEKAB-T200	90 key capacity
#KEKAB-T240	240 key capacity
#KEKAB-T300X	300 key capacity
#KEKAB-T400	400 key capacity
#KEKAB-T500	500 key capacity



TRUCK KEY KEEPER™

This is perfect for trucking firms and commercial truck fleets. The box is made of heavy gauge steel with a charcoal grey baked enamel finish and a welded hinge to prevent knockout. It mounts under hood, onto an inside fender or bodywall with the 3 included sheet metal screws.

7-Pin Tubular Lock with 1 key

 # KEP-16-81 (keyed alike - 15481)

#KEP-16-95 (keyed alike -3395)

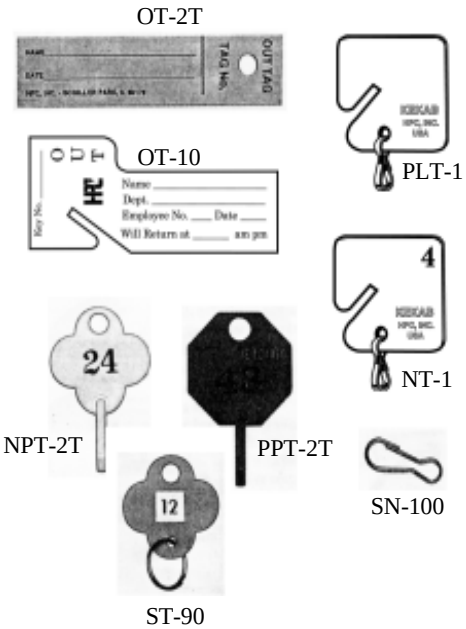
#KEP-16-96 (keyed alike - 3396)

#KEP-16-97 (keyed alike - 3397)

5-Wafer Cam Lock with 2 keys

#KEP-17-301 (keyed alike - 301)

#KEP-17-303 (keyed alike -303)



KEKAB® ACCESSORY TAGS

Accessories for Single-Tag KeKabs

#NT-1	Numbered tags (up to 730)	In preset increments of 20
#PLT-1	Plain tags	100 per box
#PLT-20	Plain tags	20 per pack
#OT-10	Out tags	10 per pack
#OT-100	Out tags	100 per pack
#SN-100	Snap hooks	100 per pack

Accessories for Two-Tag KeKabs

#NLT-2T	Numbered loaner tags (up to 500)	In preset increments of 20
#PLT-2T	Plain un-numbered loaner tags	100 per box
#NPT-2T	Numbered permanent tags (up to 500)	In preset increments of 20
#PPT-2T	Plain un-numbered permanent tags	100 per box
#OT-2T	Out tags	20 per envelope
#BH-2T	Brass tag holder	10 per package

Accessories for SlimKabs

#ST-90	White cloverleaf fiber tags	90 per package



KEKAB-DL65

SINGLE-TAG KEKABS®



KEKAB-120

Each HPC KEKAB® security control system includes:

- White plastic key tags with bright nickel plated snap-hooks which can hold multiple keys on each snap-hook. The tags are numbered for easy identification.
- Durable steel key racks that are slotted to store key tags uniformly for immediate identification
- "OUT KEY" control tags are made of yellow paper. They are used for accountability (to record information on loaned keys).
- Lock location data which consists of an erasable lock location chart as part of the KEKAB-9 and numbered key control booklets with all other KeKabs®.
- It comes with a key retaining 5-wafer cam lock, a high security 7-pin tumbler lock with pop-out T-handle, or electronic digital lock.
- Unique powder coat textured painting process which provides an attractive and very durable finish. The neutral sand color allows them to be hung anywhere.
- Heavy gauge steel construction with piano hinged doors and key panels provides a sturdy location to secure your keys.

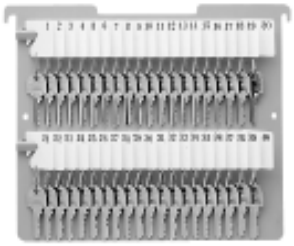
#KEKAB-8	8 key capacity	**#KEKAB-30**	30 key capacity
#KEKAB-40	40 key capacity	**#KEKAB-60**	60 key capacity
#KEKAB-DL65	65 key capacity	**#KEKAB-80**	80 key capacity
#KEKAB-DL95X	95 key capacity – expandable	**#KEKAB-120**	120 key capacity
#KEKAB-160X	160 key capacity – expandable	**#KEKAB-240**	240 key capacity
#KEKAB-260X	260 key capacity – expandable	**#KEKAB-DL265**	265 key capacity
#KEKAB-330	330 key capacity	**#KEKAB-500**	500 key capacity
#KEKAB-730	730 key capacity		



CARRYING KEKABS®

These versatile key control units may be used in desks or file cabinets. Or, quickly slide on the lockable hinged top (equipped with handle) and carry to the job on hand. Key tags hold uniformly to key racks even when unit is turned upside down. Each unit comes complete with single-tag components. Equipped with 5-wafer cam lock with 2 keys.

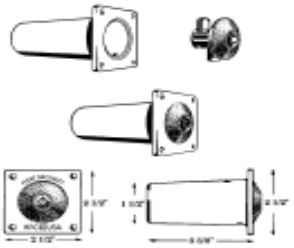
#KAKAB-C40 40 key capacity
#KEKAB-C80 80 key capacity



HANGING FILE

Designed to hang on hanging file folder systems using 12-1/2" spaced rails. The HF-40 uses 1" of filing space. The unit can store up to 40 keys. It comes complete with numbered key tags, out tags, and control chart.

#HF-40 40 key capacity



FLEET SECURITY™ KEY VAULT

This cylindrical key keeper cores with a high security 7-pin tubular lock mounted in a solid vault-like door. The vault is made of Delrin AF, a unique thermoplastic substance, resistant to weather and rust. It can be mounted flush under the hood or in the body wall. This vault can also be used in the home to keep rings, etc. in a safe place.

7-Pin Tubular Lock with 1 key

#KEP-5-95 (keyed alike - 3395)
#KEP-5-96 (keyed alike -3396)
#KEP-5-97 (keyed alike - 3397)



AUTO KEY KEEPER™

This will end the loss of auto keys on car lots! Simply place a car's keys into the box. Lower the door window and slip the key keeper's back clip over the top edge of the glass. Closing the window secures the box and keys locked within, against all but extreme and deliberate vandalism. These boxes are made of 18 gauge steel with a charcoal grey baked enamel finish and a welded hinge to prevent knockout.

7-Pin Tubular Lock with 1 key

 # KEP-14-81 (keyed alike - 15481)
#KEP-14-95 (keyed alike -3395)
#KEP-14-96 (keyed alike - 3396)
#KEP-14-97 (keyed alike - 3397)

5-Wafer Cam Lock with 2 keys

#KEP-15-301 (keyed alike 301)
#KEP-15-303 (keyed alike 303)



EMERGENCY KEY BOXES

These boxes are designed to secure a restricted key where it is needed. The bright red steel box has a key-locking hinged door with a plexiglass window. When an emergency arises and access to the key is neccessary, break the plexiglass with the attached hammer. The Fire Department Box comes with dark plexiglass to hide the contents. The Emergency Key Boxes come with a 5-wafer cam lock. Emergency Key Boxes are stocked keyed-randomly, and can be keyed-alike or keyed-differently to meet virtually any security requirement.

#511 Emergency Key Box

#511 GLASS - Plexiglass only for #511

#FDB-511 - Fire Department Box

#FDB-GLASS - Plexiglass only for FDB-511

#511 HAMMER - Hammer only

#KEEKAB-LK - Replacement 5/8" lock w/2 keys



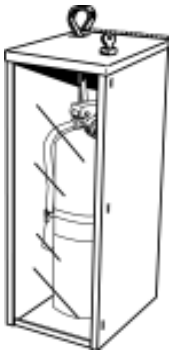
DROP BOX

Holds more than 30 keys on tags!

The box is made of heavy gauge steel and has a charcoal grey baked enamel finish. The slot on the box is made large enough to accomodate keys on a ring, and it has a security flange, preventing fishing for keys. Available with a 5-wafer cam lock, keyed-alike.

#KEP-M2-301 (keyed alike)

#KEP-M2-303 (keyed alike)



FIRE EXTINGUISHER CABINETS

HPC's fire extinguisher cabinets are available in four sizes to fit the most popular sizes on the market. They are made of heavy gauge steel and painted in glossy white. A hammer (that is attached to the top of the unit) is used to break the plexiglass on the front

#FXC-18 - 18" x 8" x 6"

#FXC-22 - 22" x 8" x 6"

#FXC-24 - 24" x 10" x 6"

#FXC-30 - 30" x 12" x 9"

NOTE: We do not sell fire extinguishers

TELKEE

REGENT

Wall Mounted, Recessed & Portable



#RWC-25-S 25 key capacity

#RWC-50-S 50 key capacity

#RWC-125-S 125 key capacity

REGENT

Wall Mounted & Recessed



#AWC-150-S 150 key capacity

SUPRA

DIAL COMBINATION KEY BOXES



C3 - PORTABLE:

#000394 STOR-A-KEY, Alset II



S5 - SURFACE MOUNT:

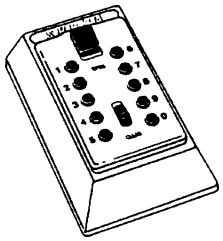
#000404 STOR-A-KEY, Alset II

PUSH BUTTON KEY BOXES



PORTABLE:

#001192 STOR-A-KEY, Alset II



SURFACE MOUNTED:

#001015 Alset I, Clear Box

KEY BOXES

AMERICAN PADLOCK

SERVICE KITS

Servicing American Lock padlocks and cylinders is easy with these handy service kits:

#SK8

For American rekeyable pin tumbler locks

#TCR3

For American tubular cam locks and padlocks

ASP

KEYING KIT APPLICATIONS

Kit #	Car Application	Locks
A-00-102	British Leyland	Ignition
A-13-101	BMW	All
	Pontiac Lemans	All
	Nissan, Infiniti	All
A-13-102	BMW	Chambers 7-11 locks with deadbolts
A-13-103	BMW	All (left) All (right)
A-13-104	BMW Motorcyle	All
A-13-105	BMW 3-ser. 99-00	All
A-14-101	Discontinued-parts available in A-14-106 key kit	
A-14-103	Jaqar	Ign, Door
A-14-104	Discontinued-parts available in A-14-106 key kit	
A-14-105	Jaguar	Door, Trunk
A-14-106	Land Rover	Ign., Doors
	Range Rover	Door, Trunk
	Sterling	Glove, Tank
A-14-107	Land Rover	Door, Trunk
	Range Rover	Glove, Tank
A-14-108	Jaguar Tibbe locks	Except Glove
		Glove
A-14-230	British Cars, Volvo	All
	British Cars, Ford	All
	British Cars	All
A-16-100	Nissan, Subaru	Door, Trunk
	Combination Kit	Ignition
	Isuzu Heavy Truck	Ign., Door
A-16-104	Nissan, Subaru	Door, Trunk
		Some Ign.b
A-16-105	Nissan, Subaru	Ignition
A-16-106	Nissan, Subaru	All
	Isuzu Heavy Truck	Ign., Door
A-16-107	Nisan, Infiniti	All except glove box
A-16-108	Nissan, Infiniti	All
A-17-111	Fiat, Alfa Romero	Door, Trunk
	Fiat, Alfa Romero	Door, Trunk
	Fiat	Door, Trunk
A-18-106	Fort (TX series)	All
A-18-107	Ford (TC series)	All
A-18-108	Fort (Tibbe)	All
A-18-109	Ford (Tibbe) New Deluxe kit	All
A-19-100	Honda Family Combination Kit (Honda & Acura)	Door, Trunk
		Ignition
		Ignition
		All
A-19-101	Honda, Acrua	Door, Trunk
A-19-102	Honda, Acrua	Ignition
A-19-103	Honda, Acrua	Ignition
A-19-104	Honda, Acrua	All
A-20-100	Mazda, Ford Combination kit	Door, Trunk, Some Ign.
		Some Ign.
		All
		All
		All w/new style notched tumblers
A-20-101	Mazda, Ford	Door, Boot, Some Ign
		Some Ign.
		All
A-20-102	Mazda, Ford, Mitsubishi, Suzuki	All with new style notched tumblers
A-21-100	Mercedes-Benz 2- & 4-track combination kit	Contains 10ea of all wafers
A-21-101	Mercedes-Benz	All
A-21-102	Mercedes-Benz (up to 1993 only)	All (left) All (right)
A-21-103	Mercedes-Benz	All (left) All (right) All (half)
A-21-104	Mercedes Benz 94+, C-Class, E-Class	All (left) All (right)
A-21-105	Mecedes-Benz 96+, S-Class	All (left) All (right)
A-24-101	Chevy, Geo, Isuzu, Is	All
A-25-101	Peugeot, Renault	All
A-25-273	Renault	Door, Luggage
A-26-101	Porsche 911, 914	All
	Porsche 928	All
A-28-101	Saab	All
A-28-102	Saab	All
A-30-104	Toyota, KIA, Honda Cycle, Hyundai, Suzuki, Isuzu, Mitsubishi, Mazda	All
A-30-105	Toyota	All
A-30-106	Toyota, Mitsubishi, H	All
A-30-107	Toyota	All
A-30-108	Toyota	All full wafer, All half wafer
A-30-109	Toyota	All full wafer, All half wafer
A-30-110	Lexus, Mazda Millenia	All Full tumblers
		All half tumblers
A-30-111	Lexus (Toyota)	All
A-30-150	Toyota Family Lock Combination kit also, Daihatsu, Holden, Mitsubishi, Hyundai, Isuzu, Honda Cycles, Mazda, Suzuki	All
		All full wafer, All half wafer
A-31-150	New Volkswagen Combination Keying Kit (replaces A-31-100)	
A-31-301	Volkswagen, Audi, Porsche	Most Ignition locks
		Door, Trunk
A-31-302	Volkswagen	Ignition
		Some door locks
A-31-303	Volkswage, Mercede	All
A-31-304	Volkswagen	Some door locks
		Door locks
A-31-305	Volkswagen, Audi	Some Ign.
A-31-306	Volkswagen, Audi	All
A-31-307	Volkswagen	Ignition
A-32-101	Volvo	Ign. & Door
		Door & Trunk
A-32-102	Volvo Die Cast tumblers	All
	Volvo stamped brass tumblers	All
A-32-103	Volvo new design wafers	All
A-32-104	Volvo 40 series and some Volvo trucks	All

ASP

KEYING KIT APPLICATIONS (continued)

Kit #	Car Application	Locks
A-33-101	Isuzu / Honda, Suzuki, Mazda	All
A-36-101	Hyundai, Kia	All
A-40-101	Ford Aspire	Ignition
		Door, Trunk
A-41-103	Buick Park Ave	Door, Trunk
	Cadilac Seville	Door, Trunk
A-41-104	Buick Le Sabre	All
	Bontiace Bonneville	All
A-41-105	Buick Park Ave	Ignition
	Saturn 2000	
A-41-106	Cadilac Seville	Ignition
A-41-150	New General Motors & Saturn Combination Keying Kit	
A-42-100	Ford 10-Cut Combination Kit	Door, Trunk
A-42-104	Ford 10-Cut	Door
A-42-106	Ford Escort, Villager, Nissan Quest	All except ignition
A-42-107	Ford 10-Cut	Glove, Stowage
A-42-108	Ford 1952-up (single sided keys)	All
A-42-110	Ford 5-cut double sided (pins)	All
A-42-111	Ford 10-Cut sidebar ignition	Ignition
A-42-112	Ford 5-cut double sided (wafers)	Glove Box, Stowage
A-42-113	Ford Focus 2000	Door, Luggage
A-42-150	Ford Combination Kit	Glove, Stowage
		Pin Tumblers
		Wafers
		Ign. Wafers
A-49-101	Saturn 1997	All

CAN'T FIND WHAT YOUR LOOKING FOR?

CALL OUR STAFF, WE WILL FIND IT FOR YOU!

ALL LOCK / BWD

#A6500 (SK6500)
DOMESTIC LOCK "OOPS" KIT
A collection of the most needed parts to complete the job. Compactly packaged in one handy, unbreakable plastic box.

#A6015 (SK6015)
LOCK PINNING KIT - CHRYSLER
To service door, trunk and ignition locks on Chrysler cars. Kit includes face plates, tumblers, retainers and springs.

#A6150 (SK6150)
CHRYSLER SIDEBAR IGN. KIT
Chrysler side bar lock service kit

#SK6949
CHRYSLER 8-CUT KIT
Chrysler 8-cut services kit. For 1999-89 Chrysler ignition, door and trunk

#SK7072 (Replaces A6200)
CHRYSLER DOUBLE BIT KIT
Chrysler double bit door and trunk service kit for 1997-89.

#SK5011
FORD 8-CUT SERVICE KIT

#A6000 (SK6000)
LOCK PINNING KIT FOR FORD
To service door, trunk and ignition locks on all Ford products 1965-on. Kit includes top and bottom pins, springs and retainers.

#A6060 (SK6060)
LOCK PINNING KIT-EARLY FORD
Every you need for rekeying and repairing locks on most Ford products from 1952-on with single bitted keys and breakaway tumblers.

#A6100 (SK6100)
FORD 10-CUT IGNITION KIT
Services 10 bitted Ford ignition locks.

#SK6249
FORD 8-CUT DOOR & GLOVE BOX
Services Ford vehicles equipped with Huf locks

#A6700 (SK6700)
FORD 10-CUT DOOR & TRUNK KIT
Services Ford, Lincoln & Mercury 10 bit door and trunk cylinders

#SK7056 (Replaces A6725)
FORD 10-CUT FACE CAP KIT
Ford 10-bit face cap, door lock, tailpiece & dust cover assembly assortment.

#SK7071
FORD 10-CUT "KWIK-KIT"
Contains cylinders, housings, tumblers, springs, etc. to service or replace most Ford 10-bit ignitions.

#SK5065
GM GLOVE BOX KIT
"Snap in" glove, deck console and storage.

#A6035 (SK6035)
LOCK SERVICE KIT FOR GM
To service door, trunk and ignition locks on all GM cars for all years. Kit includes face plates, tumblers, retainers and springs.

#SK6175
GM "KWIK-KIT"
Contains cylinders, housing, tumblers, springs, etc. to service or replace most popular GM locks.

#A6250 (SK6250)
GM KEY COVER KIT
Color coded, snap-on plastic covers identify and dress-up regular GM style blanks.

#SK6400
GM 10-CUT KIT
GM pinning kit for GM and GMTB 10-cut locking systems

#SK7070 (Replaces A6900)
SATURN SERVICE KIT
Services Saturns'1996-90

#SK6775
MAZDA SERVICE KIT
Mazda pinning kit services MPV van, 323 2-door hatchback, 626 and 929 w/AT, MX-6, Suzuki Sidekick and Samuari, Geo Tracker and 1993-95 Ford Probe.

#A6800 (SK6800)
TOYOTA SERVICE KIT
Pinning kit services most Toyotas 1970-on, as well as Hyundai, Isuzu, Suzuki, Honda Cycles, Mitsubishi, Colt, Daihatsu, Sprint, Spectrum, Nova and Luv. Also services Camry with split tumblers.

ALL LOCK / BWD (continued)

#SK7057 (Replaces A6750)
FOREIGN FACE CAP KIT

Foreign car cap kit for Nissan/Datsun, Honda, Toyota, Subaru, Integra, Legend, Mitsubishi, Isuzu, Saturn, Integra, Legend, Mitsubishi, Isuzu, Sprint, Luv, Opel, Spectrum, Nova & Colt

#SK7073 (Replaces A6970)
FOREIGN PAWL & CLIP KIT

Foreign lock pawl and clip service kit fro Honda, Nissan/Datsun and Toyota and more.

#SK7101
FOREIGN LOCK "OOPS" KIT

A collection of the most needed parts to service millions of Honda, Nissan and Toyota automotive locks.

#SK7102 (Replaces A6570)
NISSAN / DATSUN SERVICE KIT

Nissan / Datsun pinning kit; also services Infiniti and Subaru.

#SK7103 (Replaces A6600)
HONDA /ACURA SERVICE KIT

Pinning kit for Honda; also services Acura.

ESP



#CRK-30
CAMLOCK REKEYING KIT

Here's a no frills kit that gives you exactly what you need to rekey camlocks--namely, Wafer Tumblers and Springs. The CRK-30 features a portable, spill proof, durable vinyl case that fits snugly in your shirt pocket.

#MASTER-CRK

Contains 432 regular tumblers, 2160 master tumblers and 864 springs.

CHICAGO



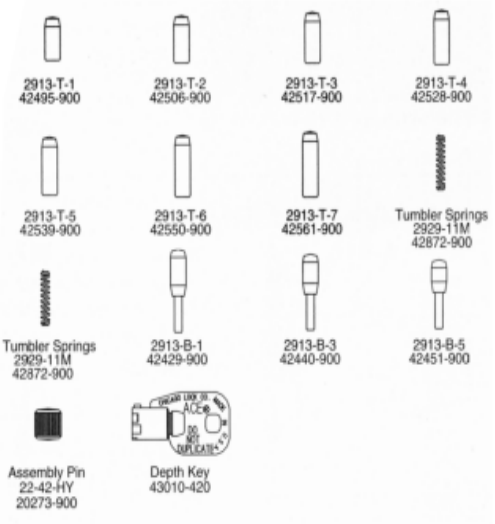


#D9094
SINGLE BITTED SERVICE KIT





#D9095
DOUBLE BITTED SERVICE KIT





#D9630
ACE® TUMBLER SERVICE KIT

Available by Special Order!

BRIGGS & STRATTON and STRATEC

Call For More Information!

FORT

#RKK130
UNIVERSAL WAFER KIT
Rekeying kit for 23000, 24000 Series

#RKK110
1000 SERIES GEM PIN KIT

ILCO



#796-00-8X
.005" COLOR CODED PIN KIT

Includes: 41 bottom pins (.160 - .360"), 39 top pins (.010 - .200"), 150 Phosphor Bronze Springs & a slide-out tray



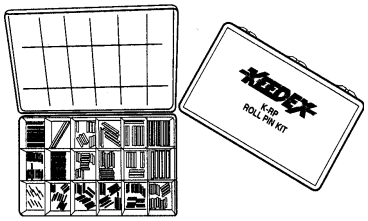
#818-00-8X
WAFER KEYING KIT

Includes: all parts for rekeying DL & ILCO wafer locks, illustrated manual, space and depth keys, wafer gauge.

#PA249-000
STARTER KIT

Includes: a universal pin kit, lock picking set, key extractors, plug holder and follower set, ship stock and key depth gauge.

KEEDEX



#K-RP
ROLL PIN KIT

Contains an assortment of zinc plated roll pins most commonly used by locksmiths. Includes sizes 1/16" thru 5/32" in diameter and 3/8" thru 1-1/2" in length. 18 different sizes, 480 total pins. Re-order numbers included.

#K-RP-M
METRIC+ ROLL PIN KIT

Assortment of metric roll pins. Includes sizes 1.5mm x 18mm and in lengths 26 are 2, 2.5, 3, 4, 4.5, 5, 6 & 8 mm. 216 pins total. Re-order numbers included.

KWIKSET

#92360-001 236 Builder Pin Kit-Small
#92700-001 270 Pin Kit w/ screws & accs
#92720-001 272 Pin Kit
#84345 Knob Plug Retainer
#84215 Deadlock Plug Retainer
#85757 Spring Cover (5-pin)
#81777 Tumbler Spring

LAB

.005 PINS TOP

.010	.075	.140	.210	.275
.015	.080	.145	.215	.280
.020	.085	.150	.220	.285
.025	.090	.155	.225	.290
.030	.095	.160	.230	.295
.035	.100	.170	.235	.300
.040	.105	.175	.240	.305
.045	.110	.180	.245	.310
.050	.115	.185	.250	.315
.055	.120	.190	.255	.320
.060	.125	.195	.260	
.065	.130	.200	.265	
.070	.135	.205	.270	

.005 PINS BOTTOM

.115	.165	.215	.265	.315
.120	.170	.220	.270	.320
.125	.175	.225	.275	.325
.130	.180	.230	.280	.330
.135	.185	.235	.285	.335
.140	.190	.240	.290	.340
.145	.195	.245	.295	.345
.150	.200	.250	.300	.350
.155	.205	.255	.305	.355
.160	.210	.260	.310	.360

.003 PINS TOP

.024	.048	.072	.096	.120
.027	.051	.075	.099	.123
.030	.054	.078	.102	.126
.033	.057	.081	.105	.129
.036	.060	.084	.108	.132
.039	.063	.087	.111	.135
.042	.066	.090	.114	.138
.045	.069	.093	.117	.141

.003 PINS BOTTOM

.126	.174	.222	.270	.318
.129	.177	.225	.273	.321
.132	.180	.228	.276	.324
.135	.183	.231	.279	.327
.138	.186	.234	.282	.330
.141	.189	.237	.285	.333
.144	.192	.240	.288	.336
.147	.195	.243	.291	.339
.150	.198	.246	.294	.342
.153	.201	.249	.297	.345
.156	.204	.252	.300	.348
.159	.207	.255	.303	.351
.162	.210	.258	.306	.354
.165	.213	.261	.309	.357
.168	.216	.264	.312	.360
.171	.219	.267	.315	

LAB PIN REFILL PACKS

#KRP003 - 124 pks W/H 50 pins

#KRP005 - 102 pks W/H 50 pins

#KRPIC - Color Coded 1 Core - 28 pks W/H100 pins per size

#KRPSCH - Schlage -21 pks W/H 100 pins per size

#KRPKWK - Kwikset - 14 pks W/H 100 pins per size

LAB (continued)

CURVED SHIMS

#LSMO-25 - 25 Pack
#LSMO-100 - 100 Pack



SPRINGS

#115L-LONG (Schlage)
#115S-Short
#KWKSPG (Kwikset)
#SP95 (.095 diameter)
#108F (Falcon-Short)
#108B (Best-Long)
#SPGACE
#SP74 (Sch. Cap Ret.)
#SPGGM (GM)

INDIVIDUAL PINS FOR SCHLAGE CYLINDERS

Master Pins

#34-202	2-.030	**#34-203**	3-.045
#34-204	4-.060	**#34-205**	5-.075
#34-206	6-.090	**#34-207**	6-.090
#34-208	8-.120	**#34-209**	9-.135

Top Pins

#34-101	1-.235	**#34-102**	2-.200
#34-103	3-.165		

Bottom Pins

#34-300	0-.165	**#34-301**	1-.180
#34-302	2-.195	**#34-303**	3-.210
#34-304	4-.225	**#34-305**	5-.240
#34-306	6-.255	**#34-307**	7-.270
#34-308	8-.285	**#34-309**	9-.300

#C503-113 Cylinder Spring 115L
#C503-116 Cap Retainer Pin SCHCAP
#C503-115 Cap Retainer Spring SP74

INDIVIDUAL PINS FOR KWIKSET CYLINDERS

Master Pins

#3108	.023	**#3109**	.031
#3110	.046	**#3112**	.069
#3113	.092	**#3114**	.115
#3125	.138		

Top Pins

#3117	.160	**#1858**	.180

Bottom Pins

#3100	.172	**#34-301**	.195
#3103	.218	**#34-303**	.241
#3106	.264	**#34-305**	.287

#1777 KWKSPG - Springs

INDIVIDUAL PINS FOR WEISER/FALCON STD. CYLINDERS

Master Pins

#8580-2	.036	**#8580-3**	.054
#8580-4	.072	**#8580-5**	.090
#8580-6	.108	**#8580-7**	.126
#8580-8	.144	**#8580-9**	.162

Top Pins

#8552-0	.186

Bottom Pins

#8553-0	.168	**#8553-1**	.186
#8553-2	.204	**#8553-3**	.222
#8553-4	.240	**#8553-5**	.258
#8553-6	.276	**#8553-7**	.294
#8553-8	.312	**#8553-9**	.330

#8554 Cylinder Spring 115S
#012165 Cap Retainer Pin W425R0
#012166 Cap Retainer Spring SP74

INDIVIDUAL PINS FOR MASTER PADLOCK CYLINDERS (polybag only)

Master Pins

#1-0391	.016	**#1-0392**	.031
#1-0393	.047	**#1-0394**	.062
#1-0395	.078	**#1-0396**	.093
#1-0397	.108		

Top Pins

#7-0368	.120	**#1-0368**	.136

Bottom Pins

#1-0360	.111	**#1-0361**	.126
#1-0362	.142	**#1-0363**	.158
#1-0364	.173	**#1-0365**	.188
#1-0366	.204	**#1-0367**	.220

#1777 KWKSPG - Springs

THE FOLLOWING PINS & ITEMS ARE AVAILABLE BY SPECIAL ORDER:

I. Core / A-2 System
A-3 System
A-4 System
ACE Cylinders
Arrow Cylinders
National / CCL .095dia Cylinders
Russwin / Corbin Cylinders
Sargent Cylinders
Weslock Cylinders
Yale Cylinders

Best Springs & Caps
Falcon Springs & Covers



SECURITY PINS
Spool
Top Pins Only .115 Diameter

.155	.190	.240
.165	.200	.273
.170	.207	.320
.172	.220	
.187	.235	

UNIVERSAL PIN KITS
.003 Kits

#EPD003 - Super Wedge - w/ drawer
#EPK003 - Emerald Wedge
#LWK003 - Woody .003 Kit
#LDK003 - DUR-X Kit (w/dwr, poly)
#LPK003 - Professional .003 kit (metal)
#LDKMK3 - Pro Master Keying Kit (w/ drawer, Poly)
#LDKU3 - Semi-Pro .003 kit (poly)
#LMK003 - Mini .003 kit (metal)

.005 Kits

#EPD005 - Super Wedge - w/ drawer
#EPK005 - Emerald Wedge
#LWK005 - Woody .005 Kit
#LDK005 - DUR-X Kit (w/dwr, poly)
#LPK005 - Professional .005 kit (metal)
#LDKZ5 - Mini .005 kit (metal)

KIT PLATFORM

#EDP000 - Kit Platform - with drawer

KIT KADDY

#**LKK000 -** Kit Kaddy

LAB BRAND INSTITUTIONAL KITS

for repinning Best cores / Corbin Russwin Cylinders

#LIKIC - Best Cores
#LIKCR - System 70 Cylinders

LAB BRAND KITS
for original lock manufacturer's cylinders

#BFK108 - IC Core kit (metal) A2 System (color coded)
#A3BFK - IC Core kit (metal) A3 & A4 Systems
#BWB108 - Best IC Core kit (nickel silver pins, wood)
#BWF108 - Falcon IC Core kit (nickel silver pins, wood)
#BWK108 - IC Core kit (wood) (color coded brass pins)
#KPK115 - Kwikset kit (metal)
#LRCK6 - Russwin & Corbin kit (metal) (nickel silver pins)
#SGT115 - Sargent kit (metal)
#SPK115 - Schlage kit (nickel silver pins, metal)
#SWK115 - Schlage kit (nickel silver pins, wood)
#LIKSW - Schlage / Weiser (wedge metal)
#WSR115 - Weiser kit (metal)
#LWK095 - Cabinet Lock Kit (for National & CCL, wood)
#LW21SK - 2 in 1 Schlage / Kwikset kit (wood)

LAB BRAND MINI DUR-X ORIGINAL KITS

#LMDACE - Ace
#LMDARW - Arrow
#LMDDXT - Dexter
#LMDKWK - Kwikset
#LMDMAS - Master Padlock
#LMDSCH - Schlage
#LMDICC - I-Core
#**LMDSEC -** Security Plus
#LMDSGT - Sargent
#LMDWSR - Weiser
#LMDWES - Weslock
#LMDYLE - Yale
#LMD3N1 - Universal (Schlage, Kwikset, Weiser)

MASTER LOCK



#291 REKEYING KIT

- Contains extensive assortment of most frequently used components
- New case with deep storage compartments and sealing cover keeps parts in their place
- Convenient reference chart included
- Includes parts for new 6000B and 7000B keyways

NATIONAL



#V70P-1
PIN TUMBLER KEYING KIT

Includes: 100 pcs ea. 1, 2, 3 & 4 drivers, 100 pcs ea. 0, 1, 2, 3, 4, 5, 6, 7, 8 & 9 tumblers, 250 pcs tumbler springs, 100 pcs tumbler retainers, 50 pcs ea C3735 & C3738 plug retainers

#V70P-2
PIN TUMBLER MASTERKEYING KIT

Includes: 100 pcs ea. 1 - 9 master drivers

#V71D-3
DISC TUMBLER KEYING KIT

Includes: 100 pcs, eac 00, 22, 44 & 66 tumblers, 250 pcs tumbler springs

#V71D-4
DISC TUMBLER MASTERKEYING KIT

Includes: 100 pcs, eac 02, 04, 06, 20, 24, 26, 40, 42, 46, 60, 62 & 64 tumblers, 250 pcs tumbler springs

SCHLAGE

#40-070
PRIMUS® PIN KIT

Contains: sidebars, finger pin springs, finger pins, plug holder & sidebar springs



#40-119
PIN KIT, SEAL-TIGHT METAL BOX

Contains: bottom pins, master pins, top pins, pin springs, retainer caps, retainer cap pins, retainer cap pin springs, ship stock, tweezers, follower bar, removal tool

#40-132
RETAIL KEYING KIT, SEAL-TIGHT METAL BOX

Contains: bottom pins, top pins, pin springs, cylinder caps, cap spring and pins, B-seres cylinder bars, key gage, follower bar, cap-removal tool, retaining rings



#40-133
HOME SECURE™ PIN KIT

Contains: bottom pins, top pins, master pins, follower bar, removal tool, key gage, cylinder springs, tweezers, retaining rings, retainer caps, retainer cap pin springs, B-series cylinder bar, B-series drivers, shim stock, construction balls, retainer cap pins.

#40-134
PIN KIT, SNAP-TIGHT PLASTIC BOX

Contains: bottom pins, top pins, pin springs, retainer cap pins, key gage, follower bar

#40-129
A2 SYSTEM PIN KIT

Contains: blocking pin springs, blocking pins, bottom pins, caps, master/build-up/top pins, tumbler springs, plug retainers, capping block, capping tool, ejector tool, key gage, tweezers

PINS & SPRINGS FOR FULL SIZE CYLINDERS



0 34-300
1 34-301
2 34-303
4 34-304
5 34-305
6 34-306
7 34-307
8 34-308
9 34-309



2 34-202
3 34-203
4 34-204
5 34-205
6 34-206
7 34-207
8 34-208
9 34-209



1 34-101
2 34-102
3 34-103



#C503-113
Top Pin Spring



#C603-951
Check Pin Spring



#34-007
Everest Check Pin

SPECIALTY PRODUCTS

Individual pins are available in envelopes.
See LAB for sizes

PINNING KITS

#SPK-55 pin kit 5/1000 increments (see listing under LAB for increment numbers)

#SPK-33 pin kit 3/1000 increments (see listing under LAB for increment numbers)

#ICK-108 interchangeable core pin kit

#SKK-115 Schlage / Kwikset pin kit

#SCH-115 Schlage pin kit

#KWK-115 Kwikset pin kit

#ARW-115 Arrow pin kit

#SGT-115 Sargent pin kit

#WSR-115 Weiser pin kit

#AMA-093 Abus/American/Master pinkit

#CCL-095 CCL / Olympus pin kit

#CRK-115 Corbin / Russwin 60/70 Series pin kit

#ONC-101 National Cabinet / Olympus pin kit

CURVED SHIMS also available - 25/pkg

Don't see what your looking for?

Call one of our friendly, knowledgeable staff members. We have contacts at 100's of manufacturers and can locate hard to find items for you.

Call us Toll-Free at 1-800-238-4566 or e-mail us at sales@omahawh.com

Let us do the leg work for you!

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#20
A - PICK

The A-1 Precision Ace Pick is the industry standard for tubular picks. The only ace pick which offers replacement fingers and factory repair. Includes decoder.

#20-X
A - PICK OFFSET

Open left & right offset & 8-pin center. Includes decoder

#20-KEV
A - PICK SMALLFRY

Open the small version 137-S used on many bicycle, motorcycle & steering wheel locks. Also opens some computer locks. Includes Tubular Decoder.



#20-SET
A - PICK SET

Achieve the most versatility and save by ordering the pair. Includes the A-Pick, the A-Pick Offset & Tubular Decoder.

A - 1

PICKS & PICKSETS



#PS100
DOMESTIC KILLER PICKSET

Specifically designed for the serious automotive technician. Everything you need to pick, decode and repair ignitions for GM Column & in-dash models, Chrysler and Ford 8-cut. Ignitions remain intact and can be re-used. This professional set is also a more economical alternative to purchasing the four individual pick sets. Comes with a sturdy cordura case and easy-to-understand instructions.



#PS2
COMPLETE SERVICE KIT FOR GM: 10-CUT COLUMN MOUNT

The 7 minute alternative. Technicians said it couldn't be done without disassembling the dash, but thanks to A-1 you'll tackle this job in 5-7 minutes. Includes bezel & face cap removal tool, specialized tension tools & rocker picks, release tool, decoder and jig.



#PS3
COMPLETE SERVICE KIT FOR GM: 10-CUT IN-DASH

The 7 minute alternative. Technicians said it couldn't be done without disassembling the dash, but thanks to A-1 you'll tackle this job in 5-7 minutes. Includes bezel & face cap removal tool, specialized tension tools & rocker picks, release tool, decoder and jig



#PS4
PICKSET FOR FORD 8-CUT

This pickset allows you to safely remove bezel, drill .070 pilot hole, insert tension tool & pick and replace bezel.



#PS5
PICKSET FOR CHRYSLER

Use the hook to remove the faceplate. Use our bit to drill 3/32 sidebar pilot. Insert tension tool & pick. Place new facecap onto ignition and crimp with capping tool. Set includes 6 caps.



#30
GET A GRIP KEY PULLER

A hexagonal handle & lage .040 spiral offers superior ability to Get A Grip on stubborn broken keys.

#30B
MEGA GRIPS KEY PULLER

Exceptionally large .074 spiral is great for use on many imported autos



#30-SET
2-EACH GET A GRIP & MEGA GRIP PULLERS

Set of 2 each of A-1's popular Get A Grip & Mega Grip Key Pullers

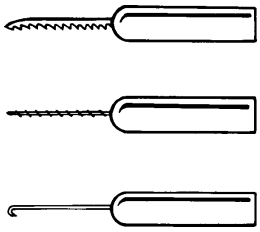
A-1
PICKS & PULLERS

#45
A-1 12-PIECE PICKSET

Includes 9 picks (7 with stainless steel handles), 2 tension wrenches, a Get-A-Grip spiral key extractor, and handsome leather case.

#47
SET OF ROCKER PICKS

4 double sided and 4 single sided rocker picks. Great for picking foreign & Domestic auto.



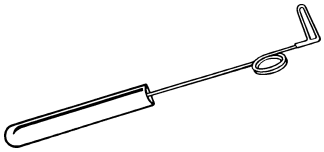
#27
SET OF BROKEN KEY PULLERS

A variety pack of 3 durable & effective extractors. Includes .040 spiral, saw tooth, & hook.



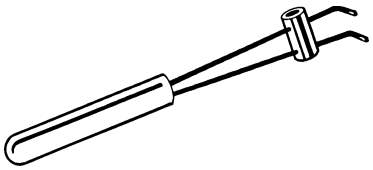
#KP1
BROKEN KEY EXTRACTOR KIT

Don't get stuck without the correct key puller. This set features 4 extractors to cover any eventuality. Features a hook, saw tooth, large spiral (.050) & small spiral (.040), all housed in a leather case.



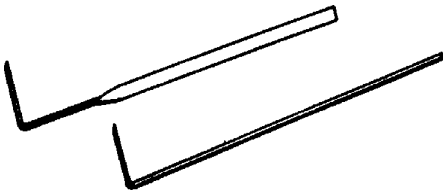
#11
FEATHER TOUCH TENSION WRENCH

The secret to picking many locks is light turning pressure. A-1's specialized turning tool automatically adjusts to the correct tension.



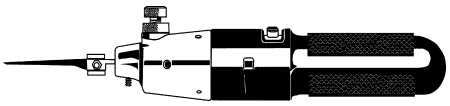
#24
ADJUSTABLE TENSION WRENCH

A must for picking double-bitted locks, this exclusive tool also works on many paracentric keyways. The spring fingers adjust to various widths by sliding the adjustable collar. Also a great tool for holding dust covers open.



#32
TENSION WRENCH SET

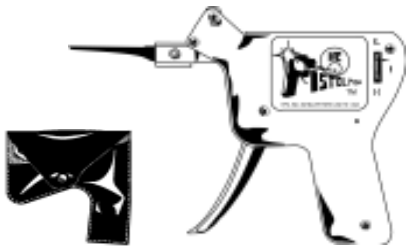
The secret to picking many locks is light turning pressure. A-1's specialized turning tool automatically adjusts to the correct tension.



#EPG-1
ELECTROPICK™

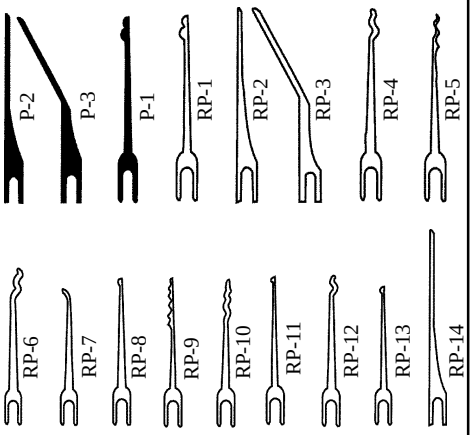
The Electorpick™ is the original cordless rechargeable electric pick gun. The gun rakes open pin and disc tumbler cylinders using a rapid up and down strikingadjustable movement. Kit includes 120v AC or 240v AC charges, 4 pick blades and 2 tension tools. Optional accessories:

#EPGC-12A - Plug-In Style 12v DC charger
#EPGC-12 - Cradle Style 12v DC charger



#HPG-10
PISTOLPICK™

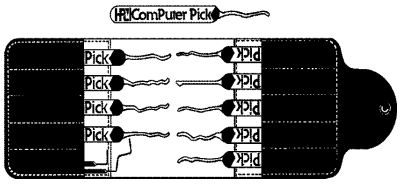
The Pistolpick™ is designed to easily rake open pin and disc tumbler locks. Rapid squeezing of the trigger bounces the pick needle, raising pins or discs to shear line. All you add is proper tension and the lock is open. Kit includes 3 pick blades and 2 tensionwrenches. An optional leather holtser case is available (#HPG-CASE)



REPLACEMENT PICK BLADES

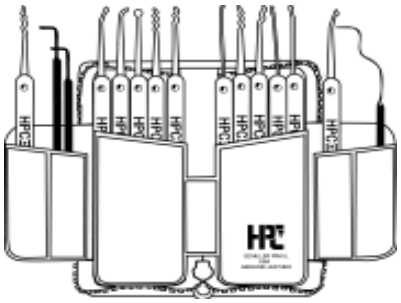
These pick blades fit the Electropick , Pistolpick , and the Stainless Steel Pen Pick Set. P-2, P-3 and R-1 are made of hardened spring steel (.022" thick). RP-1 through RP-14 are made of stainless steel (.020" thick).

HPC
PICKS & PICKSETS



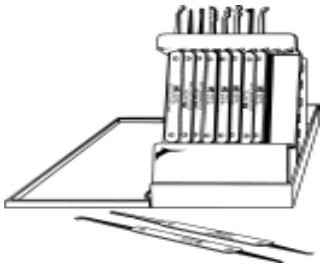
#COMP-1
COMPUTER GENERATED PICK SET

This set contains 9 computer designed picks made of hardened stainless steel and 2 tension tools made of tempered spring steel. The configurations of these picks were designed on a computer to conform to the greatest amount possible of 5 & 6-pin and disc tumbler curve configuarations. Case included.



#PIP-2000
STAINLESS STEEL SERIES PICK SET

This kit consists of 13 stainless steel tools (9 picks and 4 extractors) and 3 tension tools. The picks and extractors are made of high grade stainless steel.



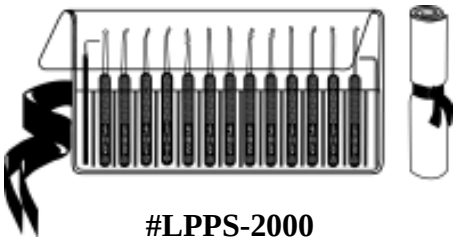
#EXPS-22
EXECUTIVE PICK SET

This kit has a handsome steel case that flips up and holds all (8) of HPC's 2-in-1 picks and (2) 2-in-1 extractors. It also contains 2 tension tools. Opens and props up to allow you to access proper picks easily. Picks feature stainless steel on 1 side and spring steel on opposite side.



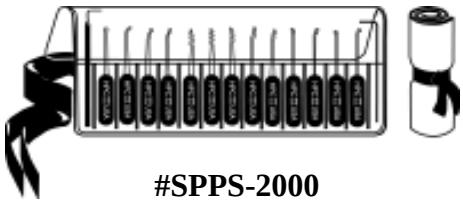
"I MEAN BUSINESS" PICK SETS

These sets come with 4 of your favorite spring steel picks, 2 stainless steel extractors, 2 tension tool s and a leather case that has a business card pocket.
Available in 3 styles:
Diamond **(#IMB-10D)**
Rake **(#IMB-11R)**
Hook **(#IMB-12H**



#LPPS-2000
ROYAL ROLL-UP™ PICK SET

This set contains full length2000 series picks with sure-grip black rubber handles. It contains 13 stainless steel tools (9 picks and 4 extractors) and 2 tension tools . The pick design permits easier access to the most restrictive keyways.



#SPPS-2000
REGAL ROLL-UP™ PICK SET

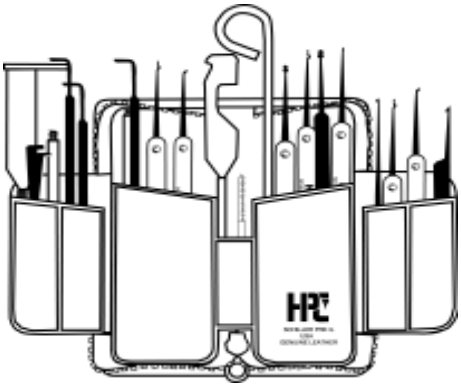
This set contains a short version of the 2000 series picks with Sure-Grip black rubber handles. The smaller size brings you closer to the job at hand. The set contains 13 stainless steel tools (9picks and 4 extractors) and 2 tension tools. The pick design permits easier access into the most restrictive keyways. The Sure-Grip hard rubber handles offer precise control with the lock.

HPC
PICKS & PICKSETS



#NDPX
DENTAL-STYLE
PICK SET

This set contains precision instruments that are hand made from the most finest quality stainless steel. They have the accurate balance and feel that a locksmith needs while doing precise work. The picks are 5-3/4" long and come in a cigar shaped aluminum tube. A tension tool is also included in the set. The Dental-Style picks may also be ordered separately. (#DPX-10 diamond pick, #DPX-11 rake pick, #DPX-12 hook pick)



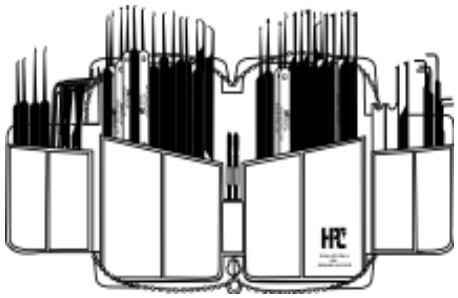
#AKK-P17
POCKET KILLER KIT

This kit comes complete with a 16-piece assortment of 10 picks, 4 tension tools, and 2 extractors, a top grain leather case as well as the CO-58 collapsible car opener. The car opener can be assembled to be a Slim Jim™, Peg Leg™ or through the handle style opener.



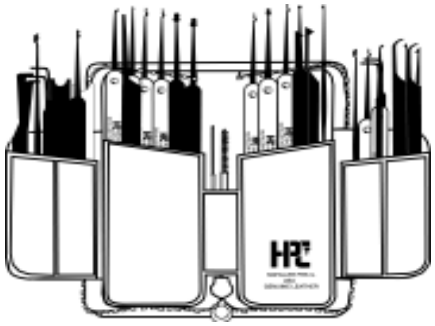
#NDPK-100
PARAMOUNT PICK SET

This set contains a wide choice of full, half and three-quarter rakes and diamond tips; half, single and double ball picks; light, medium and heavy weight tension wrenches; and hook and saw type key extractors. It also includes letterbox pick/tension tools, as well as variable tension tools. Plus, the set includes dual pronged tension tools that provide even tension on double-sided wafer locks.(72 picks, 19 tension tools, 9 extractors)



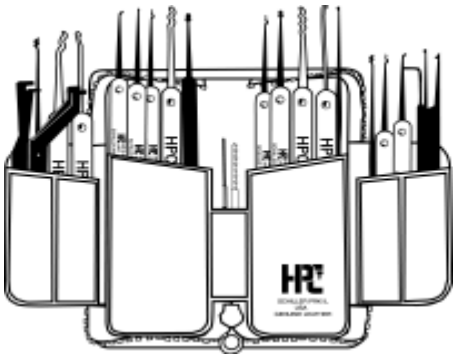
#NDPK-60
PROFESSIONAL PICK SET

This contains a vast selection of full, half, and three quarter rakes and diamond tips; half, single, and double ball picks; light medium and heavy weight tension wrenches; and hook and saw type key extractors. Also includes letterbox pick/tension tools as well as variable tension tools. Plus, set includes dual pronged tension tools that provide even tension on double-sided wafer locks. (40 picks, 14 tension tools, 6 extractors)



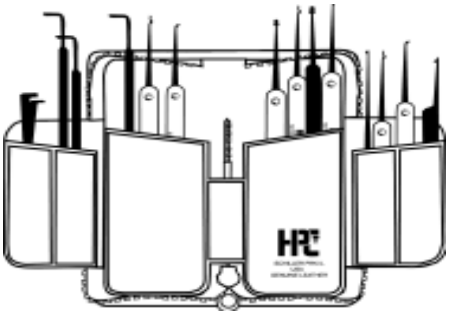
#NDPK-32
SUPERIOR PICK SET

This contains a selection of full, half, and three quarter rakes and diamond tips; half, single, and double ball picks; light medium and heavy weight tension wrenches; and hook and saw type key extractors. Also includes letterbox pick/tension tools as well as variable tension tools. Plus, set includes dual pronged tension tools that provide even tension on double-sided wafer locks. (22 picks, 7 tension tools, 3 extractors)



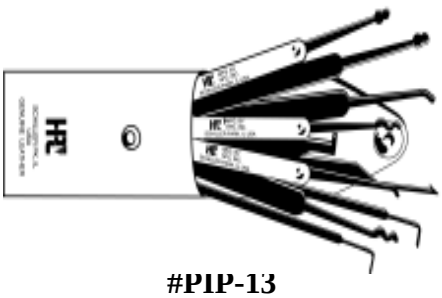
#NDPK-24
PRO-MIXER PICK SET

This contains a , mix of full, half, and three quarter rakes and diamond tips; half, single, and double ball picks; light medium and heavy weight tensionwrenches; and hook and saw type key extractors. Also includes a variable tension tools. (14 picks, 5 tension tools, 5 extractors)



#NDPK
DELUXE PICK SET

This set is perfect for the beginning locksmith. It comes complete with 10 picks, 4 tension tools and 2 extractors. Each pick is made of a hardened spring steel, tempered to the perfect degree of hardness. It contains a mix of rake, diamond, hook, ball and double ball tip picks; light medium and heavy weight tension wrenches; and saw type key extractor.



#PIP-13
NOVICE PICK SET

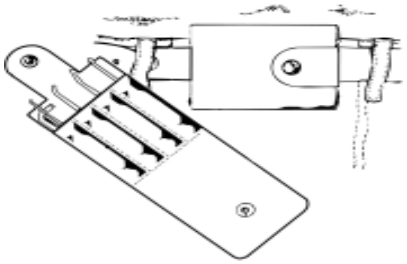
This set contains 7 picks, 3 tension tools and 1 broken key extractor. The tools are made of hardened spring steel and come with a top grain leather case with snap.



#PIP-15
TYRO PICK SET

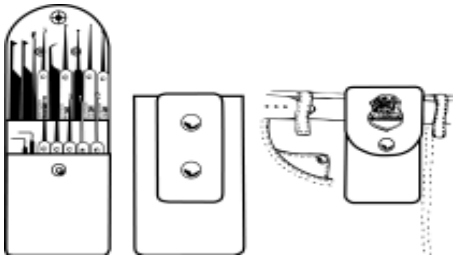
This set contains 6 picks 2 tension tools and 1 broken key extractor. The tools are make of hardened spring steel and come with a top grain leather case with snap.

HPC
PICKS & PICKSETS



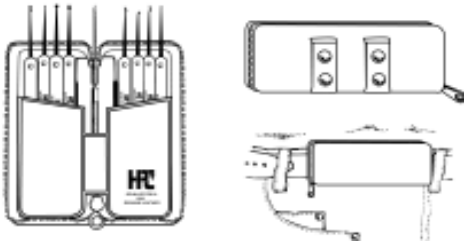
#KGB-1
KGB MINI BELT PICK SET

This set fits directly onto your belt and can be worn anytime. It comes with 6 tools (3 Sure-Grip rubber handled stainless steel picks, 1 Sure-Grip rubber handled stainless steel extractor and 2 tension tools) Overall length of each tool is only 3 inches.



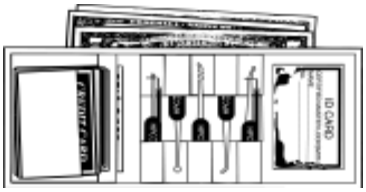
#OC-16
ON-CALL BELT PICK SET

This set comes complete with 16 picks, 2 tension tools, and 2 extractors. The case is made of genuine leather with an official Locksmith ID Badge on the front. The case is secured on your belt by an adjustable leather strap.



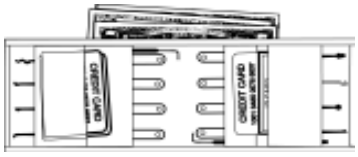
#OH-8
ON-HAND BELT PICK SET

This set comes complete with 8 picks, 2 tension tools and HPC's EZ-6 Interchangeable Extractor Set. The case is genuine leather and is secured on your belt by two adjustable straps.



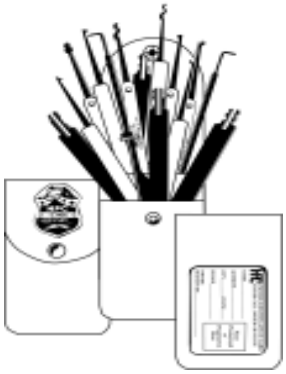
#TFW-5
TRI-FOLD WALLET PICK SET

This wallet set is made of soft genuine leather which fits easily in your pants pocket and has room for credit cards, money and pictures. The picture holder can hide the picks from view. It has a clear-view pocket for your ID card. It comes with 4 short Sure-Grip rubber handled stainless steel picks, 1 short Sure-Grip rubber handled stainless steel extractor and 2 tension tools.



#BFW-8
BI-FOLD WALLET PICK SET

This wallet allows you to carry full-sized picks at all times. It is made of soft genuine leather and has room for credit cards, money and pictures. It comes with 7 full-sized steel handled picks, 1 stainless steel extractor and 2 tension tools. The wallet has clear-view panels to allow for quick selection of desired pick.



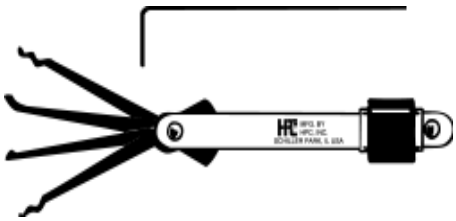
#PIP-23
ID BADGE PICK SET

This set is a handy way to carry a lock picking set and a means of identification at the same time. On the back of case there is a window that protects an identification card with space for a photo or thumbprint of the owner. Set contains 4 foam grip handled picks and extractors, 4 steel handled picks, 2 tension tools and a set of 4 double-sided picks for disc tumbler locks.



#VIPS-14
STAINLESS STEEL PEN PICK SET

This pick set comes complete with 14 stainless steel picks that are stored in an aluminum body. The removable pocket clasp is also a tension tool. This is a descreet way to carry your picks.



#JKP-5
JACKKNIFE PICK SET

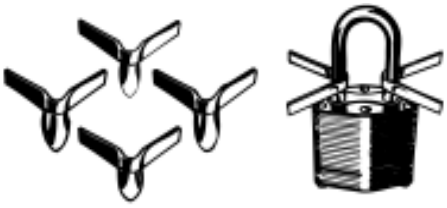
This set is a complete compact pick set, that is shaped like a pocket knife. It has 2 rakes, 1 diamond, 1 hook and 1 tension tool. The Jackknife folds up and fits in your pocket. An optional leather case (JPO-1) is available.



#EMER-6
EMERGENCY PICK SET

This pick set is designed to be hidden away and used as a spare when your favorite pick set isn't handy. The set contains 6 standard high quality spring steel picks riveted together at the bottom. It comes in a durable plastic case with a medium tension wrench.

HPC
PICKS & PICKSETS



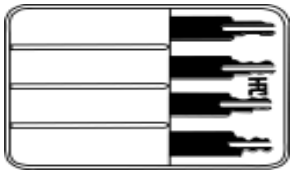
#PSA-20
PADLOCK SHIM PICKS

This 20 piece shim pick set is an alternative to picking and in many cases is the only way to open a padlock. Their specialty is opening laminated type padlocks, although they will open almost any lock which has a spring lever latch locking bar. This kit contains 5 of each of the 4 most common shackle diameters.



#PKS
WARDED PADLOCK PICK SET

This compact pick set efficiently opens warded padlocks. The set of 5 picks is held together by a key ring and can be attached to your belt loop.



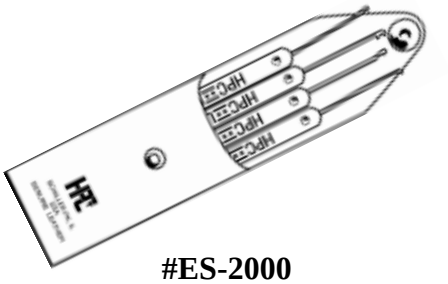
#DSP-1
DOUBLE-SIDED PICK SET

This set containes 4 picks that can be used on the most popular double-sided, disc tumbler, showcase, cam and padlocks. Blue plastic case.



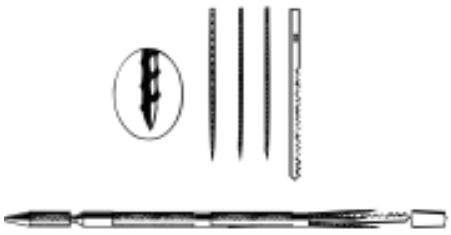
#CRPK-1
CROSS PICK

The Cross Pick is designed for 4-way cross locks. With the removal of one pin, it can also be used on 3-way cross locks. A genuine leather case is included.



#ES-2000
2000 SERIES EXTRACTOR SET

This set is the ultimate in broken key and pick removal. The tools are designed to slide next to broken keys along the side mill and ride along the bottom pins to hook into a cut in the key. The tools are made of high grade stainless steel and can be bent to reach around many obstacles.



#EZ-6
INTERCHANGEABLE EXTRACTOR SET

This set is compact in size which allows you to carry every extractor that you will need inside this tiny set. It includes 4 extractor blades stored inside a hollow handle: 1 saw type extractor blade; 2 round (.040" dia) extractors and 1 round (.050" dia) extractors.
Replacement extractor blades (packs of 10 ea)
#EZ-7A (10 saw type)
#EZ-7B (10 round type - .040" thick)
#EZ-7C (10 round type - .050" thick)
#EZ-7D (10 asstd -- 4 of 7A, 4 of 7B, 2 of 7C)



EZ-1



EZ-2



EZ-5

MISCELLANEOUS EXTRACTORS

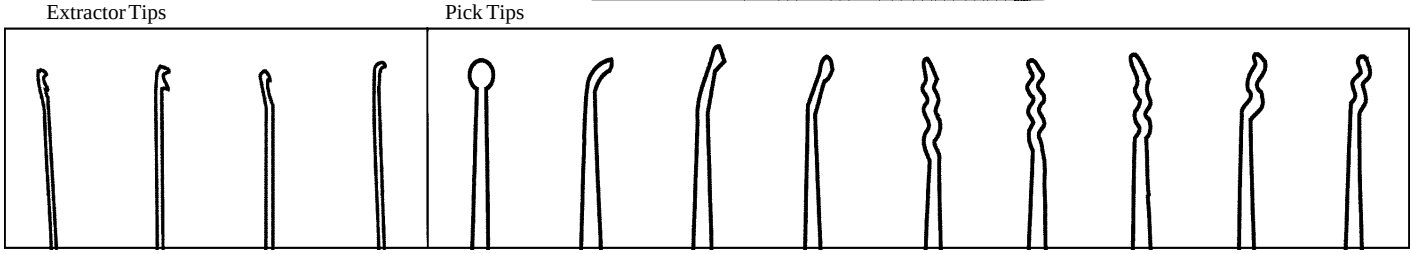
HPC
PICKS & PICKSETS

2000 SERIES STAINLESS STEEL EXTRACTORS & PICKS

Stainless Steel Handle with Stainless Steel Tip



Extractor Tips | Pick Tips



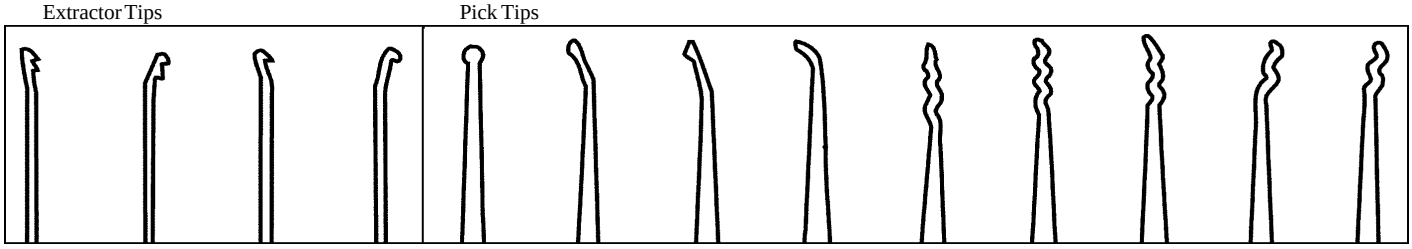
SSX-21	SSX-20	SSX-11	SSX-10	SSP-40	SSP-31	SSP-30	SSP-20	SSP-14	SSP-13	SSP-12	SSP-11	SSP-10
(.020)	(.020)	(.020)	(.020)	(.020)	(.020)	(.020)	(.020)	(.020)	(.020)	(.020)	(.020)	(.020)

LONG SURE-GRIP RUBBER HANDLED STAINLESS STEEL EXTRACTORS & PICKS

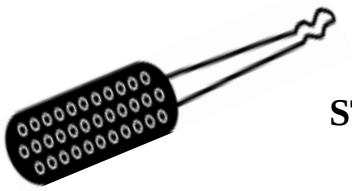
Rubber Handle with Stainless Steel Tip



Extractor Tips | Pick Tips

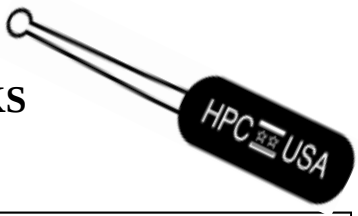


LPE-21	LPE-20	LPE-11	LPE-10	LPP-40	LPP-31	LPP-30	LPP-20	LPP-14	LPP-13	LPP-12	LPP-11	LPP-10
(.020)	(.020)	(.020)	(.020)	(.020)	(.020)	(.020)	(.020)	(.020)	(.020)	(.020)	(.020)	(.020)

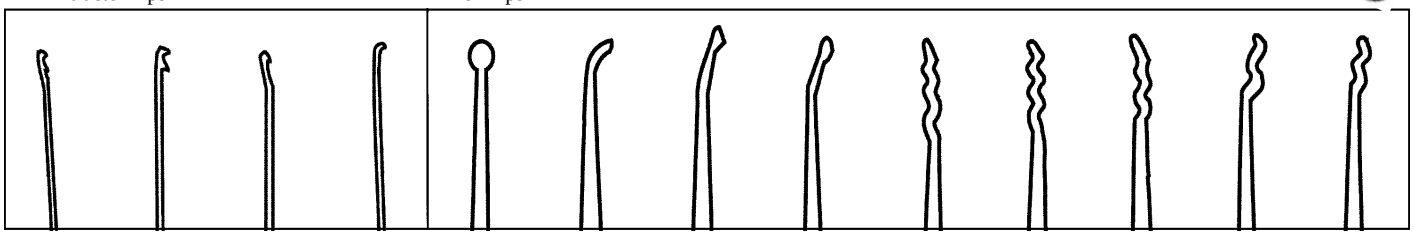


SHORT SURE-GRIP RUBBER HANDLED STAINLESS STEEL EXTRACTORS & PICKS

Rubber Handle with Stainless Steel Tip



Extractor Tips | Pick Tips



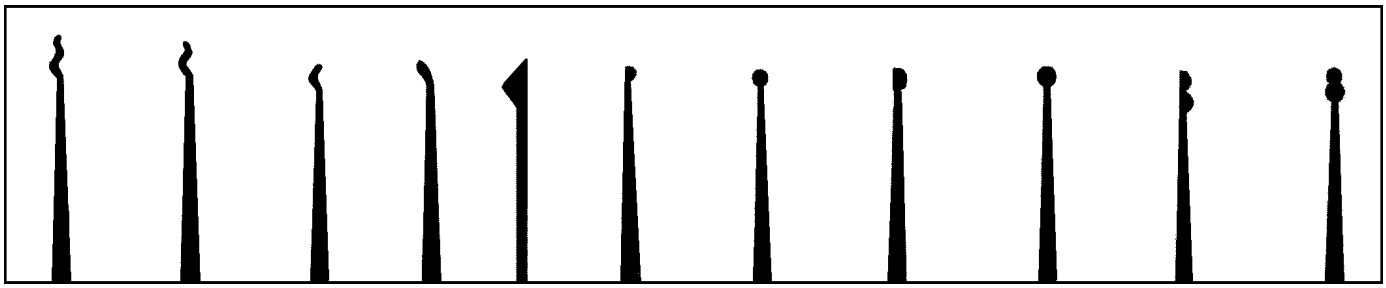
SPE-21	SPE-20	SPE-11	SPE-10	SPP-40	SPP-31	SPP-30	SPP-20	SPP-14	SPP-13	SPP-12	SPP-11	SPP-10
(.020)	(.020)	(.020)	(.020)	(.020)	(.020)	(.020)	(.020)	(.020)	(.020)	(.020)	(.020)	(.020)

HPC
PICKS & PICKSETS

SPRING STEEL STAINLESS STEEL HANDLED PICKS

Stainless Steel Handle with Stainless Steel Tip



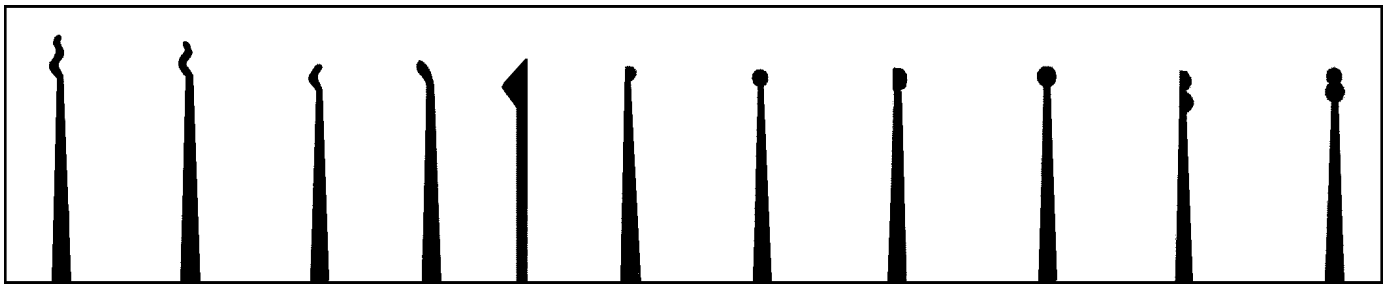


LPX-15 (.022)	LPX-16 (.022)	LPX-11 (.022)	LPX-12 (.022)	LPX-10 (.022)	BPX-61 (.022)	BPX-6 (.022)	BPX-41 (.022)	BPX-4 (.022)	BPX-51 (.022)	BPX-5 (.022)

SPRING STEEL PICKS

Spring Steel Handle and Tip

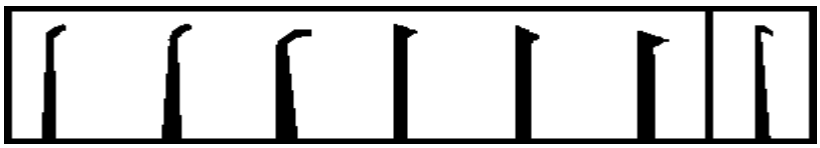




P-8 (.022)	P-9 (.022)	P-12 (.022)	P-11 (.022)	P-10 (.022)	BPX-31 (.022)	BPX-3 (.022)	BPX-11 (.022)	BPX-1 (.022)	BPX-21 (.022)	BPX-2 (.022)

SPRING STEEL PICKS

Spring Steel Handle and Tip



PX-2 (.022)	PX-4 (.022)	PX-31 (.022)	PX-1 (.022)	PX-3 (.022)	PX-30 (.022)	EZ-2 (.022)

STANDARD SPRING STEEL 2 IN 1 PICKS



#P-13



#P-31

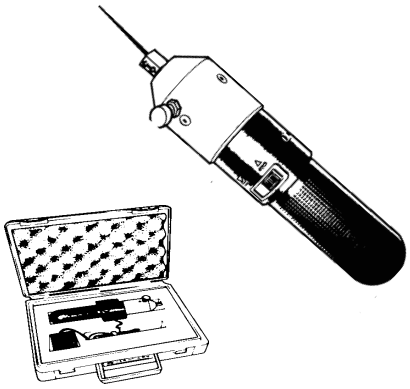
PICK GRIP HANDLE

This soft foam pick grip is for picks iwth or without metal handles.



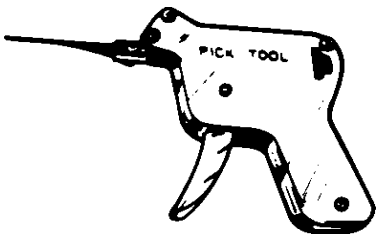
#PICK GRIP

ILCO
PICKS & PICKSETS



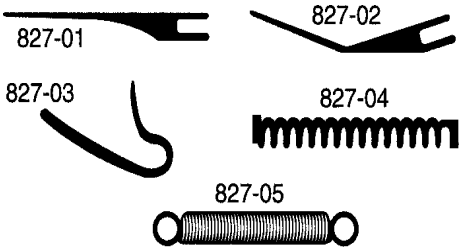
#817-00-8X
ELECTRIC LOCK PICK

Includes: 4 pick blades, 1 tension wrench, 1 allen wrench, battery charger
Options: Carrying Case **#817-CC**
Replacement Pick Blades **#817-01**



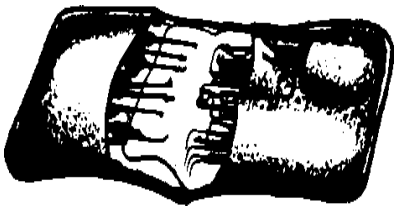
#827-00-8X
PISTOL PICK

Includes: 2 complete sets of extra springs, 3 straight picks, 3 angle picks, 2 tension wrenches



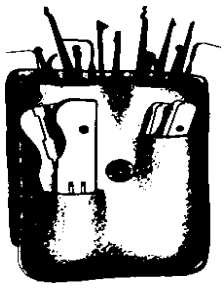
#827 PISTOL PICK
REPLACEMENT PARTS

#827-01	Straight Pick
#827-02	Angle Pick
#827-03	Flat Spring
#827-04	Loose Coil Spring
#827-05	Tight Coil Spring
#827-06	Pick Yoke



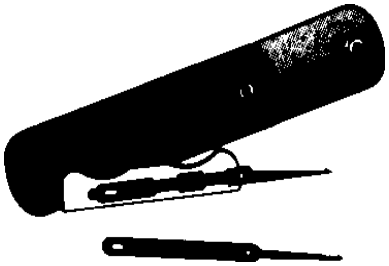
#825
THE EXPERT

Contains 17 picks, 11 tension wrenches, two 903-01 handles and case.



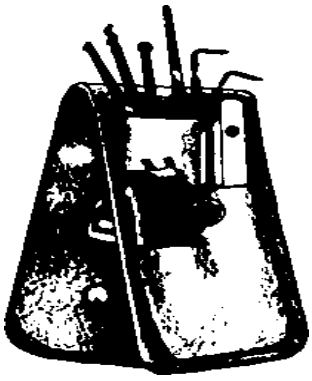
#825-B
THE MASTER

Contains 11 picks, 5 tension wrenches, one 903-01 handle and case.



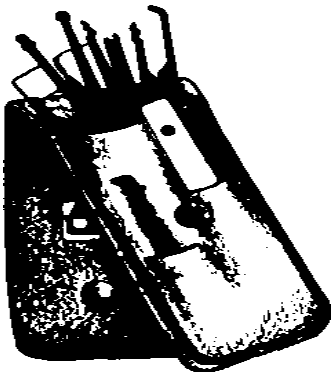
#825-E
EXTRACTOR KIT

Contains 2 extractor picks, one 903-01 handle and case.



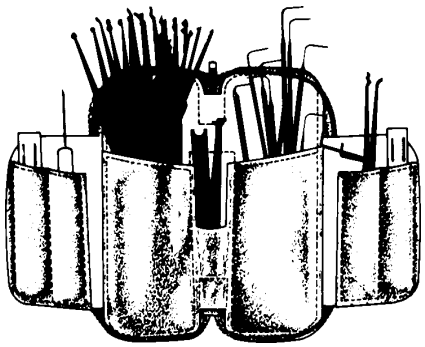
#825-A
THE JOURNEYMAN

Contains 4 picks, 4 tension wrenches, one 903-01 handle and case.



#825-D
THE ARTISAN

Contains 9 picks, 5 tension wrenches, one 903-01 handle and case.

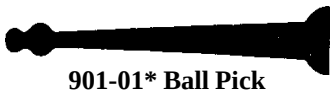


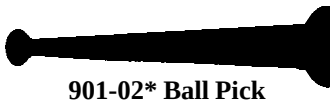
#825-F
THE MAGNUM

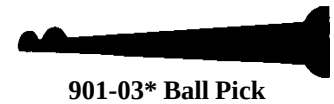
Contains all ILCO picks (24) and tension wrenches (13), two 903-01 and two 903-01 handles. A leather case is included.

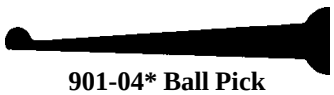
901 Series UNIPIX Lock Picks

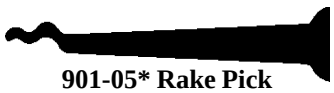
With interchangeable handles, these picks are crafted from quality tempered spring steel and/or stainless steel.

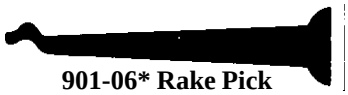

901-01* Ball Pick


901-02* Ball Pick


901-03* Ball Pick


901-04* Ball Pick


901-05* Rake Pick


901-06* Rake Pick

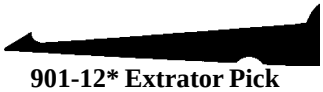

901-07* Hook Pick


901-08* Hook Pick


901-09* Diamond Pick


901-10* Diamond Pick


901-11* Diamond Pick

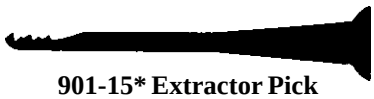

901-12* Extrator Pick

ILCO PICKS & PICKSETS

***** Picks listed with an asterisk are available with a molded plastic handle. Add the prefix "P" to the item number when ordering.


901-13* Rake Pick


901-14* Rake Pick


901-15* Extractor Pick


901-16 Combination Pick


901-17 Combination Pick


901-18* Ball Pick


901-19* Diamond Pick


901-20* Ball Pick


901-21* Rake Pick


901-22* Hook Pick


901-23 Read Pick


901-24 Wood Handle Extractor Pick

902 Series Tension Wrenches

These wrenches are made from quality tempered spring steel and avable in varying lengths, styles and degrees of tension.

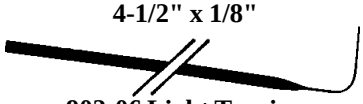

902-01 Tension Wrench Wishbone

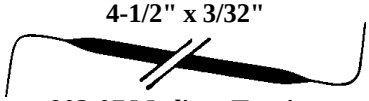

902-02 Tension Wrench Double Sided


902-03 Medium Tension 5-3/8" x 1-1/8"


902-04 Light Tension 5-3/8" x 3-/32"

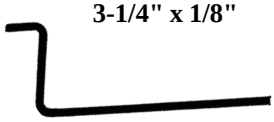

902-05 Medium Tension 4-1/2" x 1/8"

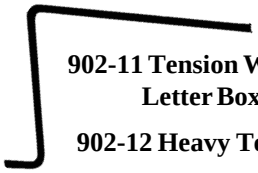

902-06 Light Tension 4-1/2" x 3/32"


902-07 Medium Tension 3-1/4" x 1/8"


902-08 Light Tension 3-1/4" x 3/32"


902-09 Medium Tension 3-1/4" x 1/8"


902-10 Tension Wrench Letter Box


902-11 Tension Wrench Letter Box

902-12 Heavy Tension

902-13 Heavy Tension

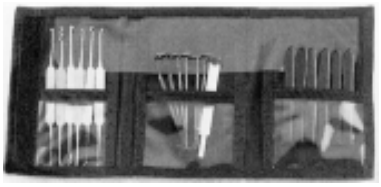
PICKS & PICKSETS

LAB
PICKS & PICKSETS



LPT012
13 pc PICK SET

Includes 1 of each pick listed below, 1 3-1/2" x 5-1/2" case and 2 removable handles



LPT013
17 pc TRI-FOLD PICK SET

Includes 1 of each pick listed below, 1 4-1/2" x 6" case and 6 removable handles



LPT015
11 pc PICK SET

Includes 1 of each pick listed below (except #LPT-001), 2-1/4" x 5" case and 1 removable handles

INDIVIDUAL LAB PICKS

#LPT001	Double Hook -- Med & Shallow
#LPT002	Half-Ball-Deep Hook
#LPT003	Medium Hook - Half Diamond
#LPT004	Large Rake - Deep Hook
#LPT005	Medium Rake - Shallow Hook
#LPT006	Small Rake - Dee Hook
#LPT007	Small rake - Half Diamond
#LTTM01	Medium Turning Tool (.075)
#LTTM02	Medium Turning Tool (.093)
#LTTM03	Medium Turning Tool (.125)
#LTT005	Auto Disc Turing Tool

PRO-LOK
PICKS & PICKSETS

PRO-LOK'S INDIVIDUAL PICKS

PRO-LOK's individual picks are available with or without handles. Picks are displayed without the steel handles.



Single Ball
#PKBX4 w/handle
#PKBX1 w/o handle



Double Ball
#PKBX5 w/handle
#PKBX2 w/o handle



Broken Key Extractor
#PKEZ1 w/handle
#PKEZ2 w/o handle



Small Half Diamond
#PKLPX10 w/handle
#PKP10 w/o handle



Medium Hook
#PKLPX11 w/handle
#PKP11 w/o handle



Traditional Rake
#PKLPX12 w/handle
#PKP12 w/o handle



Large Comb
#PKLPX18 w/handle
#PKPX18 w/o handle



Small Comb
#PKLPX19 w/handle
#PKPX19 w/o handle



Double Mountain
#PKLPX22 w/handle
#PKPX22 w/o handle



Double Mountain Filled
#PKLPX22A w/handle
#PKPX22A w/o handle



Triple Mountain
#PKLPX23 w/handle
#PKPX23 w/o handle



Large Half Diamond
#PKLPX3 w/handle
#PKPX3 w/o handle



Large Hook
#PKLPX31 w/handle
#PKPX31 w/o handle

PRO-LOK'S DOUBLE SIDED PICKS



#PKP13
Combination Half Diamond & Rake



#PKP31
Combination Hook & Rake

PRO-LOK'S TENSION WRENCHES



#PKSTW3
Forked Tension Wrench



#PKTR12
Light Tension Wrench

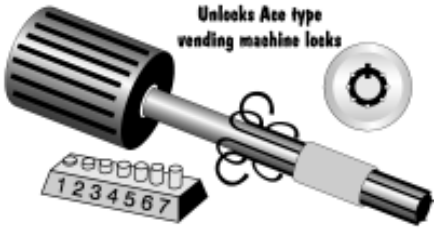


#PKTR14
Medium Tension Wrench



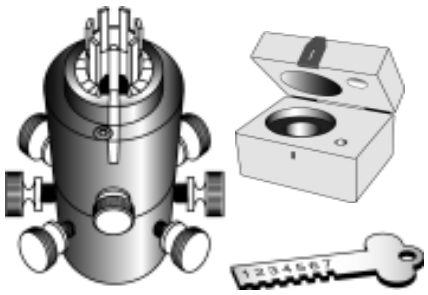
#PKTR3
Rigid Tension Wrench

PRO-LOK PICKS & PICKSETS



#PKA1 ACE PICK

This pick is a precision tool designed to allow you to easily open any standard 7 pin center ACE type lock. Set tension insert and rotate back and forth until the cylinder turns. Comes with depth decoder.



#PKA2 DELUXE ACE PICK

Locks can be picked by 2 methods (each pin individually or all at once). Picks left hand, right hand, and center. Comes with its own decoder. A custom wooden storage box specially designed to protect your tool to last a lifetime.



#PKELPG ELECTRIC PICK GUN

This rechargeable electric pick gun uses a consistent action to make picking many locks a very simple procedure. Comes with electric recharger, 3 tips and a tension wrench.



#PKPG1 MANUAL PICK GUN

This pick gun allows you to pick a wide variety of locks. Comes with 3 tips and a tension wrench. Lifetime warranty.



#PK10 13pc PICK SET

10 picks, all with plated handles, 3 tension wrenches and a pocket sized snap leather case.



#PK15 9pc PICK SET

A great starter kit or backup set. Includes 7 picks, 2 tension wrenches plus a pocket sized snap leather case.

PRO-LOK



#PKMD
16pc PICK SET

Set includes 13 picks, 3 tension wrenches and a zippered leather case.



#PKMD32
32pc PICK SET

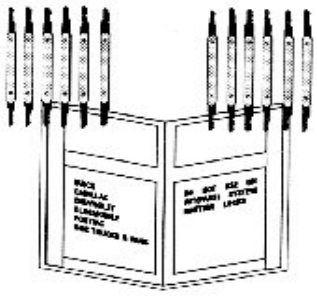
A complete set for the professional locksmith. One each of PRO-LOK's picks and one each of their tension wrenches all in a deluxe zippered leather case.



#PKMD60
60pc PICK SET

PRO-LOK's most complete set. Includes two each of all PRO-LOK's picks, one each of their tension wrenches and a warded padlock set. All in a deluxe zippered leather case.

LOCK TECHNOLOGY



#LT-280
GM
ROCKER LOCK PICK SET

#LT-300
FORD AUTOMOTIVE
ROCKER LOCK PICK SET

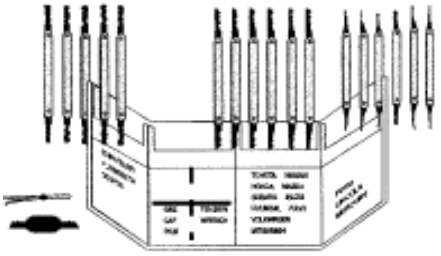
#LT-310
CHRYSLER AUTOMOTIVE
ROCKER LOCK PICK SET



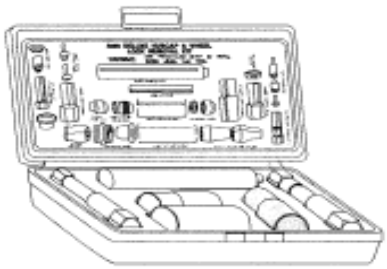
#LT-290
EUROPEAN & ASIAN
ROCKER LOCK PICK SET



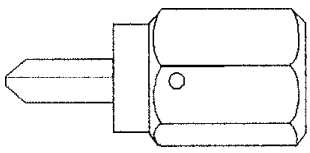
#LT-320
EUROPEAN & ASIAN
AUTOMOTIVE
LOCK PICK SET



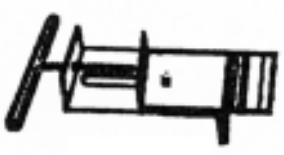
#LT-340
MASTER LOCK
PICK SET



#LT-4000
DELUXE HUBCAP & WHEEL
REMOVAL KIT



#LT-78
FORD "SURE SHOT"
BY-PASS KEY



#LT-109
DOOR JACK

Safely pulls car door or window away from the vechicle

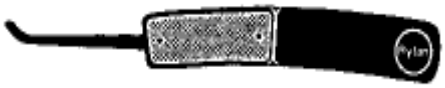
In 1984, Rytan Inc. set the standard for innovative lock picking instrument design with extremely comfortable curved ergonomic handles and durable hardened stainless steel instrument blades. Individual picks are displayed--Kits are also available.



RLPX-10
Standard Diamond



RLPX-11
Standard Full Rake



RLPX-12
Standard Hook



RLPX-14
Standard Diamond-Hook

RYTAN
PICKS & PICKSETS



RLPX-15
Standard 3/4 Rake



RLPX-16
Standard 1/2 Rake



RLPX-17
Rytan Modified HI-LO Full Rake



RLPX-18
Rytan Riffle Rake



MLPX-10
Miniature "MINI-Blue"™ Diamond



MLPX-11
Miniature "MINI-Blue"™ Full Rake



MLPX-12
Miniature "MINI-Blue"™ Hook

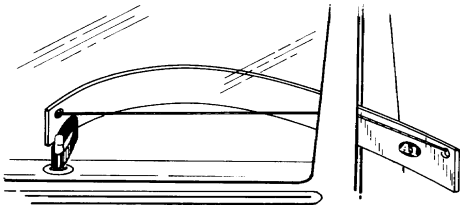


MLPX-13
Miniature "MINI-Blue"™
Diamond-Hook



MLPX-14
Miniature "MINI-Blue"™Diamond

NOTES



A - 1

#CO2
VULCAN
BUTTON GRABBER

Unique rubber loop grabs and pulls buttons even straight ones. Enters through door jam. Use strings for alignment.



#SNIK-1
SLIDE-NIK

Allows you to open late model GM doors with slide locks in a matter of seconds.



#TNIK-3
TRANS-NIK
DOOR OPENER

Allows you to open doors on the 1983 and later model Camero, Z-28, Berlinetta, Firebird, and Trans-Am.



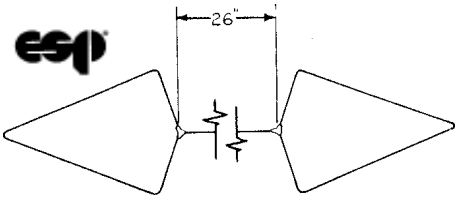
#VR-88
VERTICAL-ROD
CAR OPENING TOOL

Multi-purpose tool that quickly and easily opens automobiles with vertical rod mechanisms and especially fast when opening Fords.



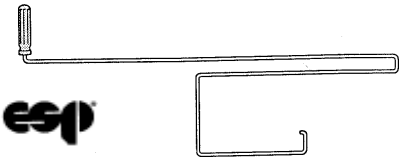
#PNIK-4
POP-NIK DOOR OPENER

Will open nearly 100% of all cars with any type of pop-up buttons.



#AWT-100
SCRAWNY LONNIE

The wire "snake" reaches in between door frame and glass to the button. No damage to window or weather stripping. Even works on tapered "No-Head" buttons.



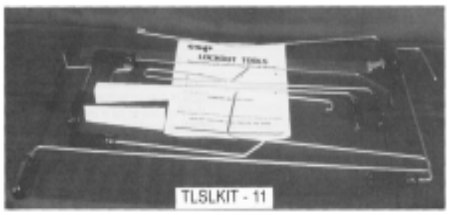
#BC-65
BERETTA-CORSICA
SLIDELOCK TOOL

This tool quickly and easily actuates the inside lock slide or button on wide or narrow doors of the Chevrolet Berretta/Corsica and many other late model automobiles. Comes with durable carrying pouch with 1 wedge.



#HDNI-1
THE HOUDINI

The Houdini folds up to fit snugly in your workshirt pocket or neatly in your toolbox. This eliminates the frustrating problem of misplacing or losing you emergency car door opener! Made of stainless steel this amazing tool comes in a foldable and straight model. Your Choice!



#TLSLKIT-11
LOCK OUT KIT

Will open nearly 100% of all cars with any type of pop-up buttons.

LOCK TECHNOLOGY'S
#LT-270
6' SUPER JIMMY KIT

- Included coupler allows the two jimmy tools to be combined for an overall lenght of 6 feet.
- Plastic slim jim is useful for pulling interior lock buttons
- Set includes L-ended and U-ended jimmy tools, coupler, two non-marring window wedges, and a plastic slim jim

PLEASE NOTE:

We carry a complete line of car opening tools and, as of the catalog printing, all the latest tools are shown.

HOWEVER, when ordering picks, pick sets, car opening tools and some books, due to the nature of these tools, don't be offended when the order taker asks you for some type of identification for our records.

Acceptable identifications include: Student ID#, Locksmith Ledger Bond#, A.L.O.A., Business Card, etc.

HPC's TOOL SELECTION GRID

ITEM#	Description	Bell Crank Style	GM Latch Style	Horizontal Rod Style	Lasso Style	Lazy Pawl Style	Picking Style	Through Car Style	Through Handle Style	Through Lock Style	Through Vent Style	Under Button Style	Under & Over Style	Vertical Rod Style
AKK-55	Starter Killer Kit	●		●		●						●	●	●
AKK-66	Pro Killer Kit	●	●	●		●		●				●	●	●
AKK-77	Deluxe Killer Kit	●	●	●		●		●		●	●	●	●	●
AKK-88	Classic Killer Kit	●	●	●		●		●		●	●	●	●	●
AKK-99	Ultimate Killer Kit	●	●	●	●	●	●	●	●	●	●	●	●	●
AKK-TC	Thru Car Killer Kit							●						
CO-4	Deluxe Opener Set										●			
CO-6	Collapsible Opener							●						
CO-10	The Original Slim Jim™	●		●		●								●
CO-11	Super Jim™	●		●		●								●
CO-18	Sir James™	●		●		●								●
CO-20	Peg Leg Jim™	●		●										●
CO-21	Mercedes-Benz Opener	●		●										●
CO-22	Jim Dandy™											●		
CO-24	Big Jim™	●		●		●								●
CO-26	Jimmy™					●								
CO-37	Chrysler Tool					●				●				
CO-39	Horizontal Hook			●										●
CO-40	Bell Crank Tool	●												●
CO-52	Super J™	●		●		●								●
CO-55	Ultra Jim™	●		●		●								●
CO-56	Flexible Peg Leg	●		●		●								●
CO-57	J Flex™	●				●						●		
CO-58	Pocket Jim™	●		●		●								●
CO-59	Original Killer												●	
CO-60	Caddy Killer™												●	
CO-61	Stretch Killer™												●	
CO-62	Safari Joe™	●	●											●
CO-65	Super Joe™													●
CO-66	Astro Tool			●										
CO-67	Reverse Over Hook™	●		●		●								●
CO-68	Over Hook™			●										
CO-70	Super Killer™												●	
CO-71	Stretch Double "L"	●		●		●								●
CO-72	Short Double "L"	●		●		●								●
CO-73	Lasso™				●									
CO-74	Trip Tool	●				●								
CO-75	Horizontal Clutch™			●										
CO-76	Vertical Clutch™													●
CO-78	5 Foot Super Snare							●						
CO-79	Instant Explorer Tool								●					
CO-80	Switch Stick							●			●			
CO-81	Thru Car Clutch™ Tool							●						
CO-82	Super Thru Car Clutch™							●						
CO-83	Fishing Pole							●						



#AKK-55
STARTER KILLER KIT

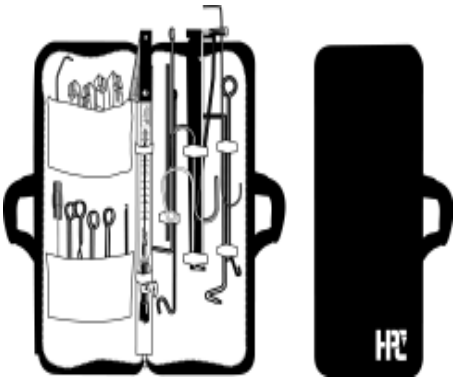
Kit Includes:
Tools: CO-11, CO-22, CO-39, CO-61
Wedges: AW-38 (2)
Manual: AKK-INS55
Case: AKK-Pouch



#AKK-66
PRO KILLER KIT

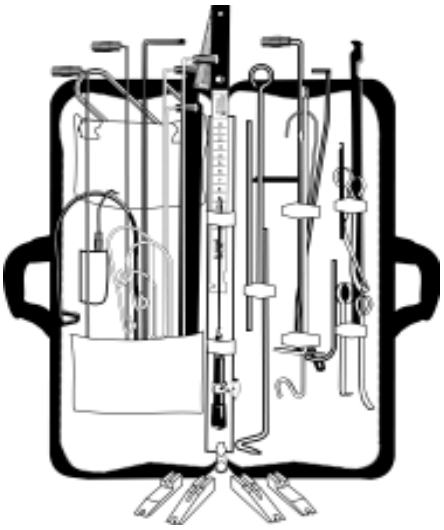
Kit Includes:
Tools: CO-6, CO-11, CO-21, CO-22, CO-39, CO-61, CO-62
Wedges: AW-34 (2), AW-38 (2)
Manual: AKK-INS66
Case: AKK-Pouch
Light: FAL-15

HPC
CAR-OPENING KITS



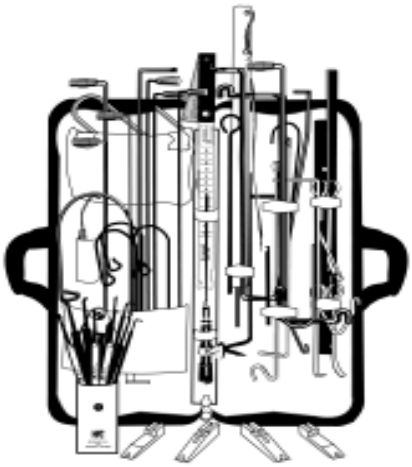
#AKK-77
DELUXE KILLER KIT

Kit Includes:
Tools: CO-4, CO-6, CO-11, CO-18, CO-21, CO-22, CO-26, CO-37, CO-39, CO-61, CO-62
Wedges: AW-34 (2), AW-38 (2)
Manual: AKK-INS77
Case: AKK-Case



#AKK-88
CLASSIC KILLER KIT

Kit Includes:
Tools: CO-4, CO-6, CO-10, CO-11, CO-18, CO-21, CO-22, CO-26, CO-37, CO-39, CO-55, CO-56, CO-57, CO-59, CO-60, CO-61, CO-62, CO-70
Wedges: AW-34 (2), AW-38 (2)
Manual: AKK-INS88
Case: AKK-Case



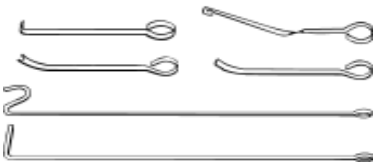
#AKK-99
ULTIMATE KILLER KIT

Kit Includes:
Tools: CO-4, CO-6, CO-10, CO-11, CO-18, CO-21, CO-22, CO-26, CO-37, CO-39, CO-55, CO-56, CO-57, CO-59, CO-60, CO-61, CO-62, CO-67, CO-68, CO-70, CO-71, CO-72, CO-73, CO-74, CO-79
Wedges: AW-34 (2), AW-38 (2)
Manual: AKK-INS88
Case: AKK-Case



#AKK-TC
THRU CAR KILLER KIT

Kit Includes:
Tools: CO-6, CO-78, CO-80
Wedges: AS-1, AW-99, AW-100, PW-100
Manual: AKK-INSTC
Case: AKK-Pouch



#CO-4
DELUXE OPENER SET

This 6-piece tool set has many applications on all models of autos and trucks with vent windows.

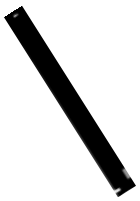
#CO-6
COLLAPSIBLE OPENER

This tool comes in 3 segments and once assembled, the tool totals 62" in length and can reach across the car to unlock the opposite side door.

#CO-10
THE ORIGINAL SLIM JIM™



Although automobiles have changed considerable in recent years, the large number of applicable cars on the road allows this tool to remain a necessity for all auto lock specialists.



#CO-11
SUPER JIM™

This tool is the wider version of the Original Slim Jim™ and on some models may be faster



#CO-18
SIR JAMES™

This tool is the deluxe model of the Super Jim™ featuring pre-scribed depth graduations on its face, a built-in notepad for recording pick up points and exact opening procedures. Has a genuine leather handle.

#CO-20
PEG LEG JIM™

This tool is for models with protected linkage. Instead of gripping, this tool lifts, pushes, and pulls rods and bell cranks.

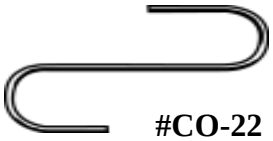


HPC
CAR-OPENING TOOLS



#CO-21
MERCEDES-BENZ OPENER

This tool opens European car models with vacuum operated locks.



#CO-22
JIM DANDY™

This is an extremely versatile Under Button opener. It is designed for many GM models and is also great on many Japanese cars and trucks.



#CO-24
BIG JIM™

This tool is made especially for GM X-type vehicles. It will open almost every vehicle that the Original Slim Jim™ will.



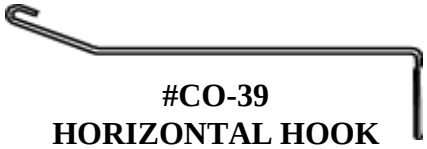
#CO-26
JIMMY™

This is a specialized tool for opening most grip handle GM models including older Corvettes.



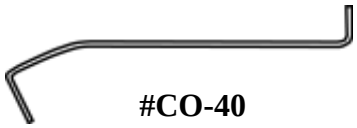
#CO-37
CHRYSLER TOOL

This tool is specialized to enter into the keyway of the door lock without having to worry about damaging weather stripping or paint.



#CO-39
HORIZONTAL HOOK

This tool offers a sure way to bind a horizontal or vertical rod and open dozens of late model vehicles.



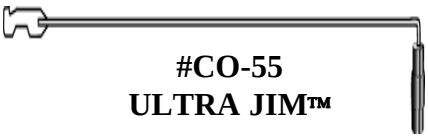
#CO-40
BELL CRANK TOOL

This tool was designed to reach and rotate a large variety of bell cranks, as well as lift vacuum operated locks. It is a modified version of the CO-21.



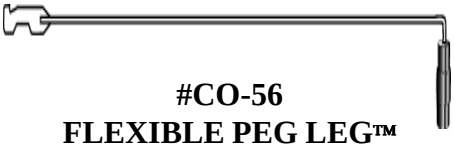
#CO-52
SUPER J™

This tool will allow you to open almost any auto with vertical linkage.



#CO-55
ULTRA JIM™

This tool allows you to custom bend and fully rotate the tool inside of the door to bind or manipulate those hard to reach linkage areas.



#CO-56
FLEXIBLE PEG LEG™

All the versatility of Peg Leg Jim™ combined with the flexibility to custom bend and rotate makes this an extremely useful tool for attacking any bell crank, lazy pawl, vacuum boot or latch.



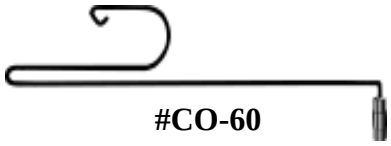
#CO-57
J FLEX™

This tool is strong, flexible and allows you to make almost any configuration. It is very useful for underbutton openings in tight spaces.



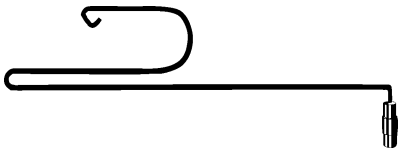
#CO-59
ORIGINAL KILLER

This tool slides into the door cavity, under the window, up into the vehicle, and then bends over the door panel. Black Handle.



#CO-60
CADDY KILLER™

This tool is similar to the CO-59 except this tool has increased height in the arc allowing you to enter vehicles where the window sits deeper inside the door. Red Handle.



#CO-61
STRETCH KILLER™

The arc of this tool is greater than the CO-60 but the closed-hook end hangs lower, allowing you to reach locks that sit deeper in the door panel. Blue Handle.



#CO-62
SAFARI JOE™

This tool is double-sided and designed to open almost every GM car even if all the linkage is disconnected.



#CO-65
SUPER JOE™

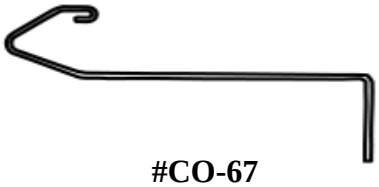
This tool is designed to open a wide variety of vehicles having vertical button rods. Chrysler products offer the best applications.



#CO-66
ASTRO TOOL

This tool is is still the fastest tool for opening Chevy Astro Vans. Will also help to manipulate many other vehicles with hard to reach horizontal rods.

HPC
CAR-OPENING TOOLS



#CO-67
REVERSE OVER HOOK™

This tool is designed to go around shielding and underneath the inner door panel to reach the horizontal linkage. It can also be very effective on vertical linkages.



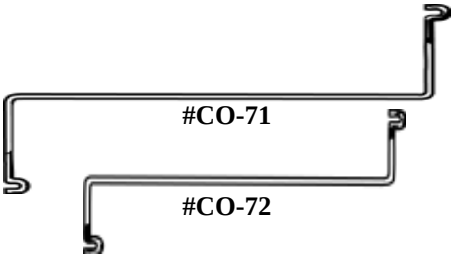
#CO-68
OVER HOOK™

This tool is designed to hook onto horizontal rods inside the car door, including some that might be located behind the window or other obstruction.



#CO-70
SUPER KILLER™

The arc of this tool is the tallest and widest of all the Under & Over tools. Its extra length and great strength allows it to get under the deepest window and around the widest door panels. Black Handle.



#CO-71 / #CO-72
STRETCH DOUBLE "L" & SHORT DOUBLE "L"

These tools have laminated hooks and have a slip resistant coating and can reach around many shields. **#CO-71 Stretch Double "L"** works best on doors with thick door panels and the **#CO-72 Short Double "L"** works best on doors with narrow panels.



#CO-73
LASSO™

This tool is for vehicle entry when the lock button is visible. It is made of "poly-flex" material with a waxed high-strength lanyard. The tool allows you to wrap the string around the lock button and lift up to unlock the door.



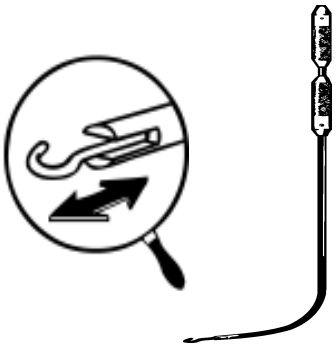
#CO-74
TRIP TOOL

The Trip Tool is designed to rotate the bell crank within an inner door panel. It can be used to lower, raise, or rotate bell cranks, as well as lazy pawls, or exposed linkages.



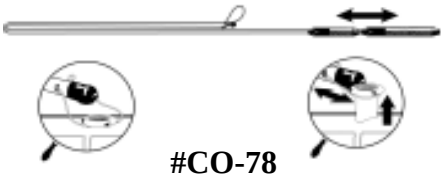
#CO-75
HORIZONTAL CLUTCH™

When the handles of the tools are separated, the hook at the end of the tool is pulled inward, causing the tools to grip or bind the linkage rod. The **CO-75 Horizontal Clutch** is for vehicles with horizontal linkage.



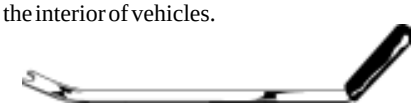
#CO-76
VERTICAL CLUTCH™

When the handles of the tools are separated, the hook at the end of the tool is pulled inward, causing the tools to grip or bind the linkage rod. The **CO-76 Vertical Clutch** is for vehicles with vertical linkage



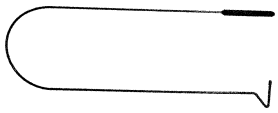
#CO-78
5 FOOT SUPER SNARE

This tool is a 5 foot long metal tube with a wire inside that forms a loop on the end. To open loop, slide the handles dogether. It is easily bendable and has a rubber tip to help protect the interior of vehicles.



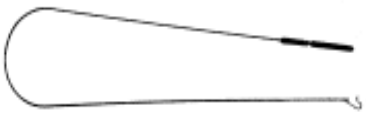
#CO-79
INSTANT EXPLORER TOOL

This tool opens a wide variety of vehicles but was designed to open Ford Explorers in seconds.



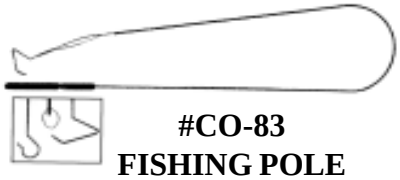
#CO-80
SWITCH STICK

This is a five fool long bendable tool with a unique hook end designed to open cars from the inside. This tool slips into a vehicle between the window wnd door frame. This is ideal for vehicles with side impact airbags and a must for vehicles with flush fingertip lock switches such as Lexus and Volvo.



#CO-81 / #CO-82
THRU CAR CLUTCH™ & SUPER THRU CAR CLUTCH™

These tools are designed for "in the car opening methods". They are perfect for hooking an inside door handle, maniuplating lock buttons and switches or to retrieve keys.



#CO-83
FISHING POLE

This 7ft long tool's handles separate and the working end curves and flexes in up to a 90 degree angle you can twist in any direction. Includes 3 screw on tips including a bendable posi-form wire loop, a super-pull catch, and a large sure-grip hook.

HPC
CAR-OPENING TOOLS



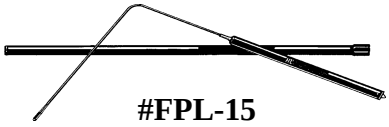
FLEX-A-LIGHT™

This is more flexible than other bending lights, yet rigid enough to keep straight. It includes a suction cup to conveniently secure the light to the window. Requires 2 AA batteries.

#FAL-10 --10" Light, Power Handle, and Suction Cup

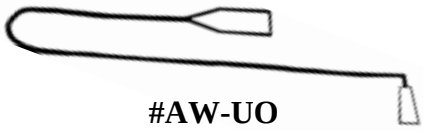
#FAL-15X --15" Light, Power Handle, Suction Cup, 36" extention

#FAL-25X (kit) --15" Light, 10" Light, Power Handle, Suction Cup, 36" extention



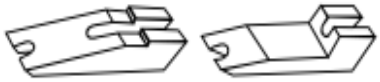
#FPL-15
FLEXIBLE PROBE LIGHT

This light is equipped with a Krypton bulb. This tool is ideal for safe and automotive work, the shaft of this light may be bent to almost any angle. Body of light is 15" long, comes with a plastic sheath and requires 3 AA batteries.



#AW-UO
INSIDE WEDGE

This wedge allows you to insert it in the door cavity, under the window, and then using its unique swiveling tip you lift the wedge up the inside of the glass and wedge the inside of the window. Once this is done you can insert an under and over car opening tool.



#AW-34 / #AW-38
ULTIMATE AUTO WEDGES

These wedges are designed for smooth safe insertion and will not fall into door cavities. Available in tow sizes 3/4" (#AW-34) and 3/8" (#AW-38) maximum thickness.



#AW-99
AIR WEDGE™

This wedge slides between the vehicle door and the weather stripping on the door frame. By squeezing the pump to inflate the bag thus separating the vehicle door from the frame. Made of sturdy vinyl and equipped with a release value. Dimensions: 6.25" x 5.75" Works well with the AutoSleeve™.

#AW-100
UNIVERSAL AIR WEDGE™

This wedge is four tools in one. It opens cars, installs doors and windows, holds doors, and opens garage doors. Dimensions: 11" x 5.125"



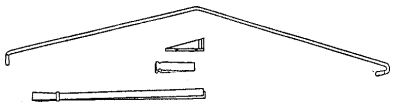
#AS-1
AUTOSLEEVE™

This helps prevent damage to weather stripping and automobile finishes. This hardened plastic interlocking envelope is ideal for separating weather stripping from door frames or windows without damage.



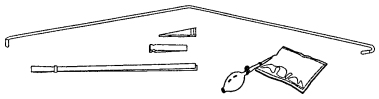
#PW-100
POWER WEDGE™

This revolutionary auto entry device is designed to aid in opening even the most difficult vehicles. Its spring loaded compound lever safely spreads a vehicle door away from the body, allowing for entry of a "Through The Car" opening tools. The rubber-coated ends protect the vehicle from scratches and the adjustment knob allows you to control how wide you need the door to open.



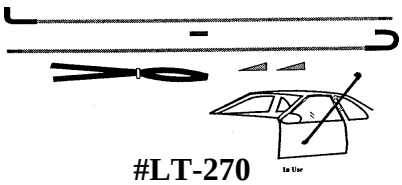
#LT-125
EASY ACCESS DOOR UNLOCKING KIT

The kit easily opens most vehicles on the road today wouthout entering the door panel. This kit includes a 54" florescent greet Easy Access Door Unlocking Tool; two LT-271 plastic door wedges; and the LT-100 Plastic Slip Jim. This kit comes individually packed in a custom made cardboard box.



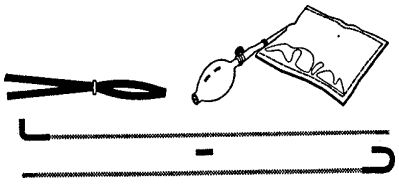
#LT-130
EASY ACCESS DOOR UNLOCKING SYSTEM

This system includes the #LT-125 kit plus the #LT275 Inflate-A-Wedge™. This system comes individually packaged in a custom made cardboard box.



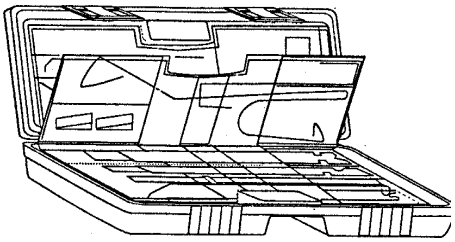
#LT-270
6' SUPER JIMMY KIT

The Super Jimmy allows you to open the vehicle with the door handle, lock button or the electric lock switch. OPENS MOST VEHICLES. No disconnection of linkage or airbage activation problems. Comes with 2 plastic wedges for safe easy use. The Super Jimmy easily bends to fit every vehicle design and breaks down for easy storage.



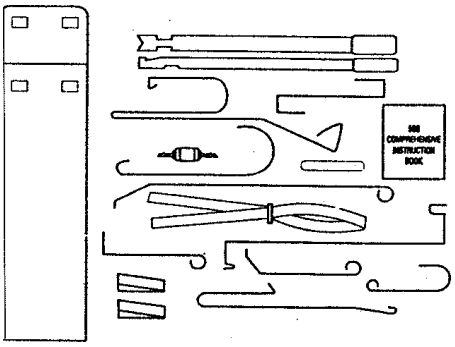
#LT-260
6' SUPER JIMMY & INFLATE-A-WEDGE™ KIT

This kit combines the Inflate-A-Wedge™ with the 6' Super Jimmy for safe and quick opening of locked vehicle doors. Now includes the Plastic Slip Jim #100.



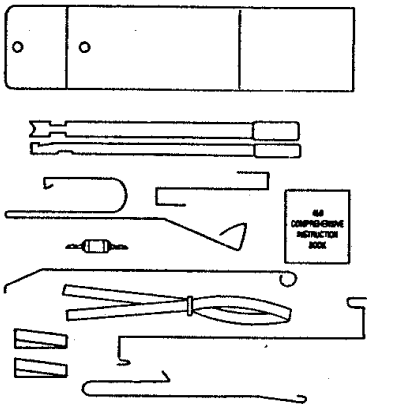
#LT-1000
SUPREME MASTER AUTOMOTIVE LOCK OUT KIT

This kit contains 19 pieces and is the ultimate product to handle emergency lock outs. This kit is packaged in a custom heavy duty carrying case with vinyl inserts, and includes a fully illustrated instruction manual and a pen light. Includes model #'s: 15, 40, 80A, 95, 99, 100, 101, 105, 106, 108, 109, 110, 112, 113, 114, 116, 120, 2-271's.



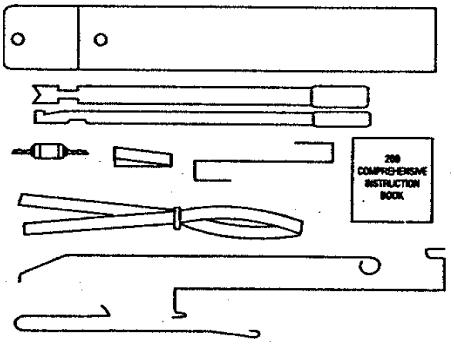
#LT-500
GRAND MASTER AUTOMOTIVE LOCKOUT KIT

This kit contains 14 pieces and is a comprehensive kit. This kit includes a fully illustrated instruction manual and a heavy duty carrying case. Tools include model #'s: 15, 40, 80A, 95, 100, 101, 105, 106, 108, 112, 114, 118-1, 118-2, 2-271's.



#LT-450
DELUXE MASTER AUTOMOTIVE LOCKOUT KIT

This kit contains 11 pieces and unlocks most domestic and foreign cars and trucks on the road today. This kit includes a fully illustrated instruction manual and a heavy duty carrying case. Tools include model #'s: 40, 80A, 95, 100, 101, 105, 106, 108, 114, 2-271's.



#LT-200
MINI MASTER AUTOMOTIVE LOCKOUT KIT

This kit contains 9 pieces and unlocks most domestic and foreign cars and trucks on the road today. This kit includes a fully illustrated instruction manual and a heavy duty carrying case. Tools include model #'s: 40, 80A, 95, 100, 101, 105, 106, 114, 271.

PRO-LOK
CAR-OPENING TOOLS



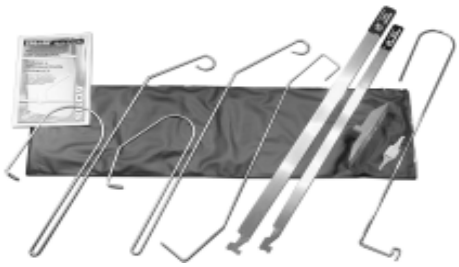
#AKCOMOO
COMPLETE KIT

Kit Includes:
1each PRO-LOK opening tools, 5 slim jims, 7 MCOT tools, long rach tool and all PRO-LOK specialty tools with a selection of wedges in a deluxe zippered cloth case and a tool instruction booklet.



#AKLMOO
LATE MODEL KIT

Kit Includes:
All tools used in PRO-LOK's Car Opening Manuals from 1995 to 2000. This kit comes in a deluxe zippered cloth case and a tool instruction booklet.



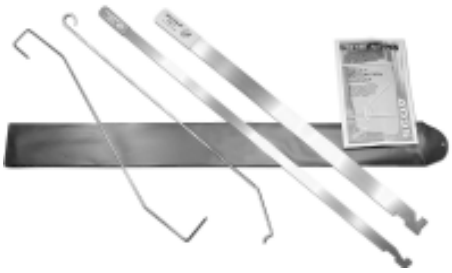
#AKO4
PROFESSIONAL KIT

This is a great basic kit.
Kit Includes:
Tools: AO01, AO04, AO10, AO20, AO25, AO34, AO35
Book: AO95
Case: AO52
Wedge: AO60



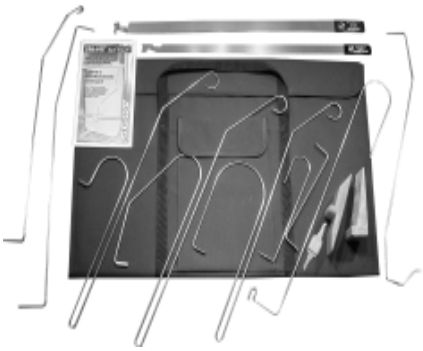
#AK60
MASTER KIT

This kit is desgned to provide the professional car opening technician with a general use lockout kit.
Kit Includes:
Tools: AO07, AO10, AO14, AO16, AO25 AO29, AO34, AO35, AOCO
Book: AO95
Case: AO53
Wedge: AO61



#AK75
ECONOMY KIT

This is a great starter kit or inexpensive way to accumulate additional spare tools.
Kit Includes:
Tools: AO11, AO12, AO20, AO30
Book: AO95
Case: AO51



#AK92
PREMIUM KIT

This 16 piece set will open hundreds of models with this assortment of tools.
Kit Includes:
Tools: AO01, AO04, AO07, AO10, AO14, AO18, AO21, AO25, AO35, AO36, AO37
Book: AO95
Case: AO55
Wedge: AO60, AO61



#AKSJ
SLIM JIM KIT

This kit gives you the choice of 5 different styles of Slim Jims to choose from.
Kit Includes:
Tools: AO10, AO11, AO25, AO30, AOCO
Case: AO51

SLIM JIMS/Stainless Steel



#AO10 - ORIGINAL SLIM JIM
This is the original Slim Jim
3/4" x 22-1/2" -- .032 thickness



#AO11 - SUPER SLIM JIM
Wider and stiffer than the original.
1-1/4" x 25" -- .032 thickness



#AO30 - LONG SLIM JIM
Just like the original--only longer.
3/4" x 29-1/2" -- .032 thickness

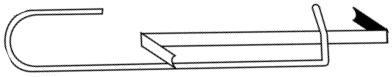


#AO25 - E-Z JIM
Medium thickness Slim Jim
1" x 25" -- .040 thickness

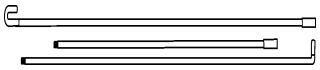


#AOCO - CLAMP-ON SLIM JIM
Push the end of the tool onto the linkage to lock on automatically.
1" x 25" -- .040 thickness

INSIDE VEHICLE



#AO14 - VENT WINDOW 2pc SET
Operate the vent windows on car, truck and van doors with 2 tools.



#AO42 - LONG REACH TOOL
Allows you to reach inside a car to an activator on the opposite side of car or to retrieve keys. Extends up to 76".



#AO42SL - LONG REACH TOOL SLEEVE
Plastic sleeve that works with AO42 to protect the glass while tool is in use.

PRO-LOK
CAR-OPENING TOOLS



#AO45 - LOOP-D-LOOP™ TOOL
This double ended tool works on BMWs, Mercedes, Volvos and VWs.



#AO85 - EURO STRIP
This flexible tool allows you to bypass doors on Mercedes, BMW, Volvo and others.

MULTI-CAR OPENING TOOLS (MCOT)



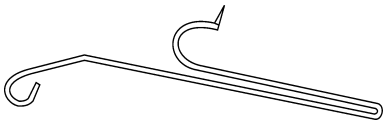
#AO32 - WIDE & EXTRA LONG
Has a wide reach and extra long length for even more versatility.



#AO31 - BUTTON LIFTER
Designed to open vehicles with raised vertical buttons.



#AO33 - SEPARATOR
Allows entry of an MCOT tool under the window in cars where the inner panel deflector inhibits entry.



#AO37 - BUTTON FINGER
This MCOT tool is modified to operate vertical button cars.



#AO34 - NARROW
The Original Multi-Car Opening Tool.



#AO35 - WIDE
The wide MCOT is used on cars with wide door panels.



#AO36 - LONG
Stretched for maximum reach. Long and narrow MCOT tool.

SPECIALTY LINKAGE TOOLS



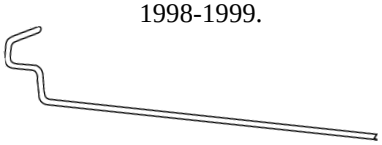
#AO01 - SLIDE LOCK TOOL
Two tools in one. Opens both horizontal devices and vertical buttons.



#AO07 - ASTRO TOOL
Opens Chevy Astro Van, Safari Van and several GM cars.



#AO12 - ROUND JIM
Specially designed to open cars with interlocking sash windows. Also used on Volvo 960, S90/V90, Porsche Boxter/911 1998-1999.



#AO13 - UNDER THE HANDLE TOOL
Used to manipulate horizontal and vertical linkages accessed behind "pull up" type exterior handles.



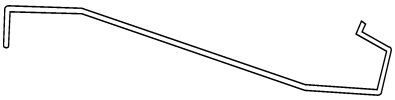
#AO16 - CORVETTE TOOL
For '84-'96 Corvettes.
No wedging required.

#AO18 - SPRING-L TOOL

SPECIALTY LINKAGE TOOLS (continued)



#AO20 - SLIDE JIM TOOL
This tool will open many cars with exposed horizontal lock linkages.



#AO21 - TOYOTA TOOL
Perfect for opening various vehicles with the metal or plastic shield guarding the bell crank.



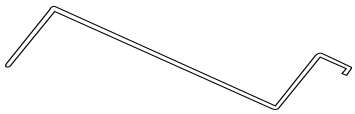
#AO29 - DUAL TOOL
Two tools in one. Opens many types of foreign & domestic vehicles.



#AO38 - HONDA TOOL
Used to open all Hondas and a number of other foreign & domestic vehicles with both horizontal and vertical rods.



#AO39 - DOUBLE SLIDE TOOL
Short reach for narrow doors combined with reverse tip for reaching under horizontal rods. Very wide usage.



#AO40 - GM "L" TOOL
Tool designed to gain quick entry into large bodied GM cars such as the Buick Park Avenue & Pontiac Bonneville.



#AO41 - BEHIND THE GLASS TOOL
This tool gains access to horizontal rods located above and behind the glass.

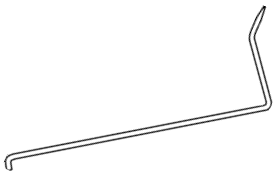
PRO-LOK CAR-OPENING TOOLS



#AO43 - BACK-FLIP TOOL
The Back-Facing tip reaches above and behind the plastic guard plates on newer Hondas & GM Cars. The Flip end opens late Toyota models.



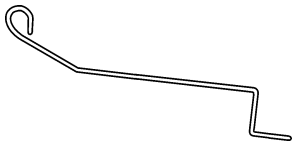
#AO44 - CAMRY / LEXUS TOOL
Double ended tool. One end opens Toyota Camrys and the other opens the rear door of the Lexus LS 400 sedans.



#AO47 - CRUISER / KOMPRESSOR TOOL
The short end opens Land Cruisers & Lexus LX450 while the long end opens the Mercedes SLK 230 Kompressor.



#AO48 - AUDI A6/A8 TOOL
Double-ended too. The modified "L" end is used to open the Audi A6, the "U" end is used to open the Audi A8.

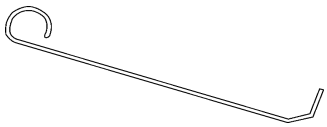


#AO49 - DOUBLE "L" TOOL
This tool opens GM "Dust Buster" minivans, Oldsmobile Silhouette, Chevy Venture, Pontiac Montana, and other cars.



#AO84 - GM CAMARO TOOL
Specially designed to open '82-'92 Camaros, Firebirds, and newer Saabs.

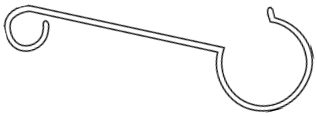
SPECIALTY TOOLS



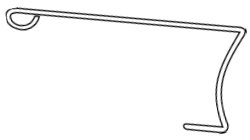
#AO03 - CHRYSLER TOOL
Enters the lock just like a key on all Chrysler/Dodge vehicles with a cylinder drain hole.



#AO04 - GAS CAP KEY
Use this tool to open almost any locked cas cap. Use the tool like a rocker pick.



#AO17 - PORSCHE 928 TOOL
Designed to open Porsche 928 on the driver's door quickly and professionally.



#AO26 - GM S-10 TOOL
Designed to open 80's model GM trucks like the S-10 Blazer and GMC Jimmy.



#AO46 - RULER JIM
A 12" long stainless steel Slim Jim that can be used as a ruler, straight edge or to unlock those really short cars.



#AO95 - TOOL INSTRUCTION BOOKLET
Resource book for understanding different auto locking systems and how to use PRO-LOK's tools on them. (42 pgs)

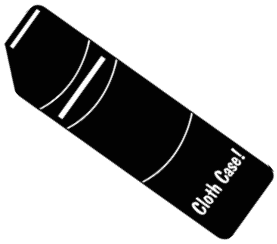
TOOL CASES



#AO51 - SMALL VINYL CASE
3" x 30" vinyl storage case with snap closure.



#AO52 - LARGE VINYL CASE
8" x 27" vinyl storage case with zip-lock type closure.



#AO53 - HEAVY DUTY CLOTH CASE
8-1/2" x 26" Heavy duty cordura cloth with velcro closures and 3 pockets.



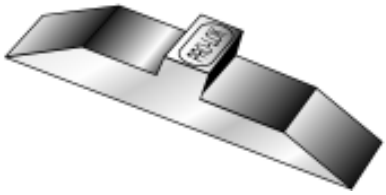
#AO55 - FOLDING CLOTH CASE
16" x 27" (folded) Brief case style carrying case with 10 individual pockets. Heavy duty cordura cloth.

PRO-LOK CAR-OPENING TOOLS

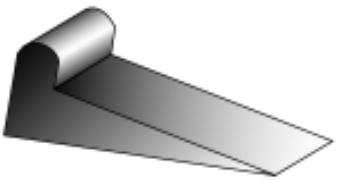


#AO56 - DELUXE ZIPPERED CASE
30-12"x 8" This case has two sturdy handles, four storage compartments, and a full length zipper. Includes hook-in loops to hold your wire tools.

WEDGES



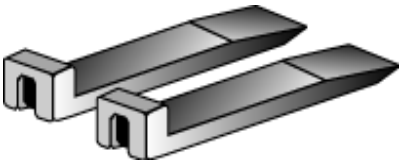
#AO60 - DOUBLE SIDED WEDGE
This high impact plastic wedge has different heights on each side to allow you to adjust to doors with varying flexibilities.



#AO61 - GREY RUBBER WEDGE
Made of heavy-duty non-marking high grade rubber.



#AO63 - CLEAR VIEW WEDGE SET
This 3pc wedge system is designed to hold back the weather-stripping and give you maximum visibility and room to manuver your tools. Includes 2 AO64 wedges.



#AO64 - MINI WEDGE DUO
These plastic wedges fit easily into tight doors and utilize a unique crown for easy insertion.



#AO65 - PUMP WEDGE
The pump wedge is an inflatable wedge made of non-marring vinyl with rounded corners for easy entry.



#AO66 - WINDOW WIPER
This tool is inserted under the window glass and wipes the glass clean on both sides allowing you to see clearly. Cloth cover is removable and washable.

PRO-LOK
CAR-OPENING TOOLS

LIGHTS



#AL2000 C-cell POWERED KRYPTON LIGHT KIT

The extra bright Krypton gas-filled bulb has the extened life of 3 C-cell batteries and the versatility of a long reach coil cord. The light comes with a high impact case featuring a handy belt clip, a 50,000 cycle switch, slim bulb on a coaixal wand. Comes with a bulb and suction cup clip. Limited lifetime warranty excluding bulb.

AL12110 - Krypton Bulb replacement
AL2039 - Replacement wand
AL2040 - Replacement coil cord

#AL3700 - 7.2v MAKITA® POWERED #AL3900 - 9.6v MAKITA® POWERED LIGHT KITS



Both kits come with the AL3000 6v halogen bulb light probe, and coil cord. The kits also come with their respective battery holders. 90 day warranty (excluding bulb).

AL3000 - 6v halogen bulb light probe
AL3007 - 7.2v Makita® Battery Holder
AL3009 - 9.6v Makita® Battery Holder
AL3034 - 6' Coiled Cord
AL12120 - 6v Halogen Bulb
***Batteries not included**

#AL10500 2AA cell HARD BODY LIGHT



Bright broad spectrum slim bulb, switch-less light, heavy-duty aluminum body durable gloss black powder coat finish, suction cup clip, flexible wand. Lifetime warranty (excluding bulb).

AL12100 - 3v Broad Spectrum Bulb
ALCLIP - Replacement Suction Cup-Clip
AL2039 - Replacement Wand

#AL4100 12v HALOGEN LIGHT KIT



Light kit containing AL4000 and AL4001 with 12v halogen bulb. Plugs into cigarette lighter socket in service vehicle for power. 90 day warranty (excluding bulb).

AL4000 - 12v Light Probe
AL4001 - 30' Flat Reel Cord (24' flat real cord plus 6" coil cord. Plugs into cigarette lighter socket.
AL3034 - 6' Coiled Cord
AL12130 - 12v Halogen Bulb replacement (clear tipped)



#AL4200 12v MAKITA® POWERED LIGHT KITS

Lit kit contains AL4000 and AL4012 with 12v halogen bulb. Requires 12v Makita® battery*. 90 day warranty (excluding bulb). Comes with protective storage case & suction cup clip.

AL4000 - 12v Light Probe with halogen bulb. Use with AL4001 for power.
AL4012 - 12v Makita® Battery Holder
AL3034 - 6' Coiled Cord
AL12130 - 12v Halogen Bulb replacement (clear tipped)
***Batteries not included**

#AL15500 3AA cell HARD BODY LIGHT



Brighter gas filled Krypton slim bulb, switch less light, heavy-duty aluminum body, durable gloss black powder coat finish, suction cup-clip, flexible wand. Lifetime warranty (excluding bulb).

AL12110 - 4.5v Krypton Bulb
ALCLIP - Replacement Suction Cup-Clip
AL2039 - Replacement Wand



#BUL-2
BULLS EYE INSTALLATION TOOL FOR CYLINDRICAL LOCKSETS

An installation jig that uses conventional hole saws.



#BUL-1
CABINET LOCK INSTALLATION JIG

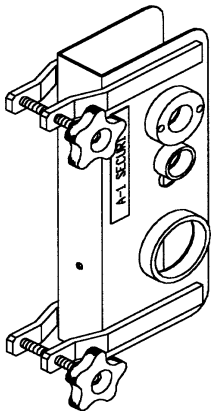
BullsEye installation for Cabinet locks, including I/CORE.



MORTISE LOCK & CROSSHOLE INSTALLATION SYSTEM

Mortise the lock pocket, the faceplate pocket and drill cross holes with this complete system.

A-1



#J-50
INSTALLATION JIG FOR SIMPLEX

Economical, dedicated jig for Simplex

#J-55
INSTALLATION JIG FOR TRILOGY

Economical, dedicated jig for Trilogy

#J-40
INSTALLATION JIG FOR MAS POWERLEVER

Economical, dedicated jig for MAS PowerLever



#K100
KELLY KLAMP MAGNET INSTALLATION TOOL

A 3rd hand for installing overhead magnets.



#41
SECUIRITY MULTI-DRIVER

Extensive muliti-bit screwdriver



#QP
QUICKPULL

Pull popular key in knob cylinders in seconds



#42
RETAINING RING PLIER

No more attachable parts to misplace. Unique ergonomic retaining ring plier.



#DJ1
MODULAR DRILL JIG SET

Drill out for I/core, recessed tulip & flat faced cylinders



#WT1
WAFFLE TRAY

Keep pins, springs & plugs neatly separated in numbered pockets



#81
MULTI-WRENCH

This unique wrench takes the place of 8 SAE wrenches



#16
MORTISE CYLINDER REMOVAL TOOL

Heavy duty cam-action tool allows removal of even the most stubborn mortise cylinders.

DONEGAN



OPTIVISOR®

This is a precision binocular headband magnifier which permits unrestriced user efficiency while reducing eye strain. Can be worn over prescription or safety eyeglasses

FEATURES:

- Optical glass prismatic lenses
- Adjustable pivots allows visor to be tilted out of way when not needed
- Adjustable headband
- High impact visor
- Genuine leather comfort band is padded with felt to add comfort
- Six lense options

#DA-2 - Magnifies 1-1/2X at 20"

#DA-3 - Magnifies 1-3/4X at 14"

#DA-4 - Magnifies 2X at 10"

#DA-5 - Magnifies 2-1/2X at 8"

#DA-7 - Magnifies 3-1/2X at 4"



OPTILOUPE®

The Optiloupe is an attachable lens that adds the additional power of an eye loupe to the OptiVISOR®

- Designed for monocular use
- Easily flips up or down
- Provides additional 2-1/2X magnification
- Easily attaches to either eye of any OptiVISON®



#LT-06
VISORLIGHT™

This is a unique light weight battery powered light, that illuminates magnified view area. It easily clips onto the visor of most headband binocular magnifies. The light adjusts up or down to ensure that maximum light is on the work area.

- Hands free light
- Zenon lasrebeam bulb
- 6000 candle power
- 4 to 5 hours battery life (continous use)
- 10" cord - visor mounted
- Operates on two AA-batteries (not included)



#A-2000
ILLUMINATING HAND MAGNIFIER

Distortion free powerfull 2" x 4" aspheric lens provides 3X magnification. Bright 6 watt bulb combined with brilliant reflector. Natural hold switch activates light and allows for automatic shut-off.

#M-810 - Same as above except has 4.5 diopter lens



HAND MAGNIFIER

#M-803 - Round Magnifier (not shown)
3" lens, 8 diopter power, 5-1/2' focal length

#M-804 - Round Magnifier
4" lens, 4 diopter power, 10" focal length



#P-703
3X OPTI-PACK MAGNIFIER

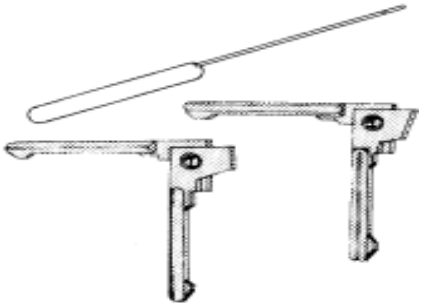
This magnifier offers a unique design compact in size that is convenient to carry in pocket or purse. The durable plastic case slides open for use as a handle and snaps shut to protect the lens.



#V-697
BAR READER

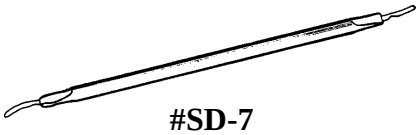
- Fits comfortably in bocket or purse
- Lays directly on printed page
- 5-1/2" x 1" plastic lens with vinyl carrying case
- 5X cyl. lens

ESP



#SWP-3
WAFER PICK SET FOR SCHALGE LOCKS

Designed for opening both old and new Schlage wafer key-in-knob locks. Set consists of four base keys which act as special turning wrenches (on for each type of lock) and one tumbler probe-pick. The base key does half the picking, the probe does the rest.



#SD-7
SESAMEE DECODER

This tool was designed to decode the exact combination of a Sesamee padlock without drilling or damaging the padlock in any way. The easy to follow instructions and detailed illustration included in the tool package assure success everytime.



PLUG HOLDER

#PLH-200 - .405" dia (for Almont, Corbin, Eagle, Ilco, Unican & Yale)

#PLH201 - .500" dia (for Dexter, Sega, Taylor Accro-Welsh)

#PLH202 - .510" dia (For Acrolock, Arrow, Brook National, Corbin, Eagle, Hudson, Ilco, Keil, Kwikset, Lockwood, Lori, G Marks, Merit Metal, National rockford, National EZ, Russwin, Sargent, Schlage, Unican, Weiser, Weslock & Yale)

#PLH-203 - .550" dia (for Russwin, Corbin oversized cylinders)

PLUG FOLLOWERS



#EPF100 - .395" dia (for Almont, Corbin, Eagle, Ilco, Unican & Yale-Cylinders)



#EPF-102 - .500" dia (for Almont, Ilco, Keil, Lockwood, Medeco & Superior)



#EPF-101 - .495" dia (For Acrolock, Arco-Welsh, Arrow, Brook National, Corbin, Eagle, Dexter, Eagle, Hudson, Ilco, Keil, Kwikset, Lockwood, Lori, G Marks, Merit Metal, National Rockford, National EZ, Russwin, Sargent, Schlage, Segal, Unican, Weiser, Weslock & Yale-Cylinders)



#EPF-103 - .550" dia (for Russwin, Corbin oversized cylinders)

#EPF-104 - PLUG FOLLOWER KIT
Includes a set of 1ea of above



#DB-1008
PIN & PLUG DEBURRING TOOL

One ond of the DB-1008 allows you to debur the pin holes in the plug. This assures that pins won't stick and both top and bottom pins will sit evenly. The other end of the tool allows you to debur pins you've filed, for smooth positive action in the cylinder.



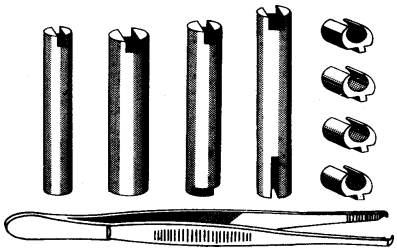
#KCRT-1
KWIKSET CYLINDER REMOVAL TOOL

This tool is guaranteed to work everytime to remove cylinders from Kwikset knobsets. Easy to follow, fully illustrated instructions included.



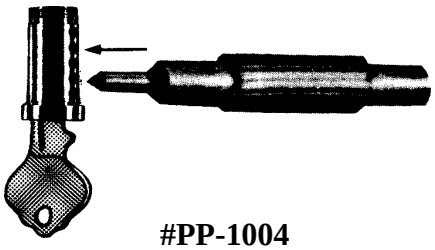
#MP-120
UNIVERSAL FOLLOWER & INSTANT MASTER PIN REMOVAL TOOL

This tool assures a fast and efficient method of removing just the master pins in a cylinder while leaving the top pins in place. It can also be used as a regular following tool on non-master keyed cylinders.



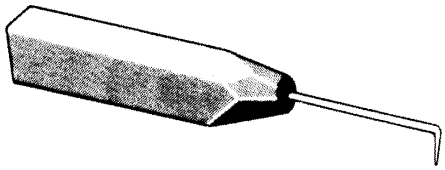
#PLS-444
PLUG FOLLOWER & PLUG HOLDER SET

This assortment provides you with the four popular plug follower and plug holders, and pining tweezers.



#PP-1004
CYLINDER PLUG PIN MARKER

Whether you're using a code machine or impressioning file, this tool is inserted into the plug pin holes, is the easiest way to mark the exact center of the cuts you make in the key.



#CJ-34
MULTI-TOOL

This tool can be used for pulling small springs, taking tru-arc rings off cylinders and taking caps off key-in-the-knob cylinders and rim cylinders. Other uses include depressing the pin to remove Corbin & Russwin knobs and taking the wedge out of Schlage A80 cylinder locks.



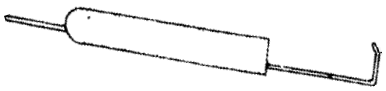
#PTW-300
PINNING TWEEZERS

These pinning tweezers assure of a positive gripping action on standard .115" dia cylinder pins and also part of the pin diameter extends past the gripping tips providing added control when loading top pins or master pins.



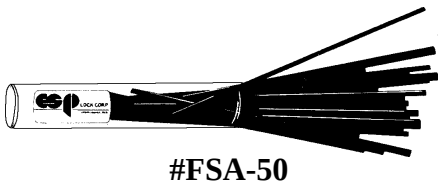
#PTW-100
MINI TWEEZER

This is a compact, pocket-sized pinning tweezer measuring 4" long and has the same pin gripping action of the PTW-300 only shorter.



#GMT-1
LOCKSMITH UTILITY TOOL

The steel gripping ends of this wrench are adjustable to the size of the keyway. Gives you the maximum space in which to manipulate your pick. Works superbly on double sided cylinders as well as narrow keyways of single-sided locks.



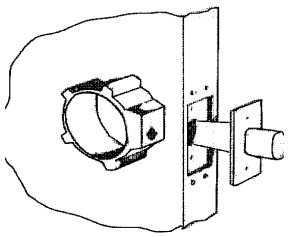
#FSA-50
FLAT SPRING STEEL ASSORTMENT

This assortment features the 5 most popular sizes of spring steel used in making springs for various mortise locks and other security products. Packed in a durable, see-through plastic tube, spring steel is cut in 6" lengths.



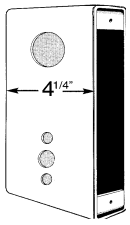
#SWA-100
SPRING WIRE ASSORTMENT

This assortment features the 7 most popular sizes of round spring wire used in making springs for various mortise locks and other security products. Packed in a durable plastic see-through tube for easy handling and storage, and includes 15 pieces of each size in 12" lengths.



#A1346
AMES DOOR & LOCK SUPPORT

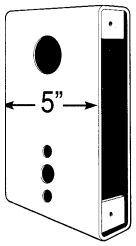
Helps you to firmly anchor deadbolts and knob locks in hollow metal doors. This tool is both flexible and adjustable thus assuring use for any locks requiring 2-1/8" , 1-5/8" or 1-1/2" cross bores. Tool is 1-3/4" wide.



#LB-1
LOCK BOXES

For use with G. Marks Hardware or Brook National mortise locksets. Features 1" width so that face plate is flush against the lock box.

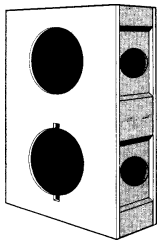
Backset 2-3/8"



#LB-2
LOCK BOXES

For use with G. Marks Hardware or Brook National mortise locksets. Features 1-1/4" width so that face plate seats into lock box with no exposed face plate edges showing.

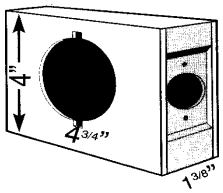
Backset 2-1/2"



#LB-3
LOCK BOXES

For use when installing both a lever handle or cylidrical passage set along with tubular deadlocks, tubular latches or key in the knob sets

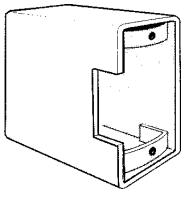
Backset 2-3/8"



#LB-2
LOCK BOXES

For use with tubular deadlocks, tubular latches, and key in the knob sets requiring 2-1/8" hole. Adapter rings available for use with Schlage & Dexter tubular deadlocks and latches. #LB-2SG (not shown) same as above plus the added slam-guard feature.

Backset 2-3/8"



#LB-7
LOCK BOXES

For use when installing a Trine .005 Electric Strike on ornamental iron gates.

GROBET FILE



SWISS PIPPIN FILE

Tapered in width and thickness. Combines the cross sections of the round with the crossing file and having the edge of a knife file for finishing the junction of two different curved surfaces and for opening slots when a "V" shape is required.

#SP-ZU62 31.268 6" long #2 Cut
#SP-ZU64 31.269 6" long #4 Cut
#SP-ZU6Z 31.267 6" long #0 Cut



SWISS WARDING FILE

Parallel in thickness and tapered in width. Used for precision removal of burs after milling operations.

#SW-ZW62-18 31.395 6" long #2 Cut



SWISS ROUND FILE

Gradually tapered. Used where it is necessary to enlarge a hole or round off a radius.

#SR-ZR62 31.290 6" long #2 Cut
#SR-ZR63 31.291 6" long #3 Cut
#SR-ZR64 31.292 6" long #4 Cut
#SR-ZR6Z 31.288 6" long #0 Cut
#SR-ZR84 31.298 8" long #4 Cut



FILE HANDLES

Wood, Tapered end
#FH-2 4" to 6" File Handle
#FH-3 To 10" File Handle



AMERICAN PATTERN SLIM TAPER FILE

#AT-X 32.440 6" long 11/32" width



AMERICAN PATTERN EXTRA SLIM TAPER FILE

#AT-XSL 32.447 6" long 9/32" width



AMERICAN PATTERN DOUBLE SLIM TAPER FILE

#AT-XD 32.452 6" long 7/32" width



AMERICAN PATTERN WARDING FILE

#AW-XW4B 32.468 Bastard Cut
4"L x 15/32"W x 3/64"Thick

#AW-XW6B 32.469 Bastard Cut
6"L x 5/8"W x 5/64"Thick

HINGE DOCTOR

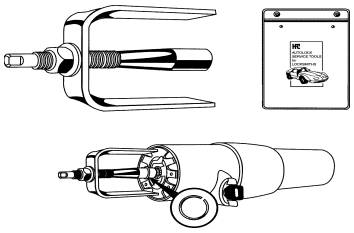


HINGE ADJUSTER

#HA1
For 4.5” x 4.5” Plain Hinge

#HA3
For BB and Larger Hinges

HPC



#SWLPC-1 STEERING COLUMN LOCK PLATE COMPRESSION KIT

This is a complete kit for the new style air bag columns, as well as older models. Includes both standard and metric threaded shafts and set screws along with a longer, narrower U-bracket for airbag and telescoping columns.

Kit Includes the metric internally threaded shaft and set screws that are required for 1978 to present o n General Motors vehicles. Also comes with a handy 9" x 12" vinyl pouch.



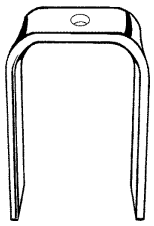
#SWLPC-1B
Metric Shaft Only



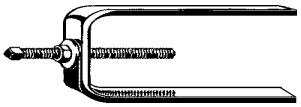
#SWLPC-1SSM
Metric Set Screw Only



#SWLPC-1SSS
Standard Set Screw Only



#SWLPC-1A
Narrow / Long
U-Bracket Only



#SWLPC-2
LOCK PLATE COMPRESSOR
(for Tilt Telescopic Steering Columns pre-1978 GM Models)



#AST-3
CLIP REMOVAL TOOL
(For Door Handle & Window Cranks)

This tool easily removes the hard to reach retaining clips without damage. These clips can be found on GM, Ford, Chrysler & various other vehicles.



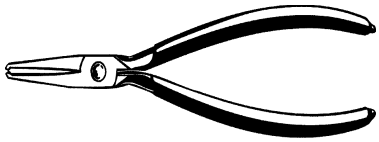
#AST-4
CLIP REMOVAL TOOL
(For Door Trim Pads)

The tapered end of this heavy-duty lever-type tool enters between the door and trim pad, gently removing the pad and reducing the chance of damaging the pad and clips.



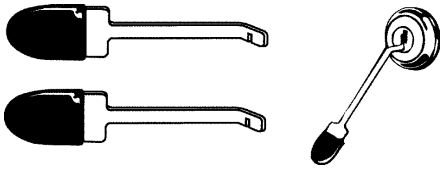
#AST-5
OFFSET CLIP REMOVAL TOOL
(For Door Trim Pads)

The offset design combined with a longer handle allows you to reach clips toward the center of the panel.



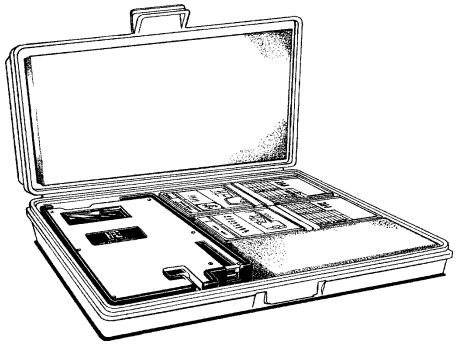
#ALCP-10
AUTO LOCK CAP PLIERS

These pliers quickly remove either the factory lock cap using the rolled crimp, or the "Tab Style" replacement caps.



#GTO
GATEWAY™ TOOLS

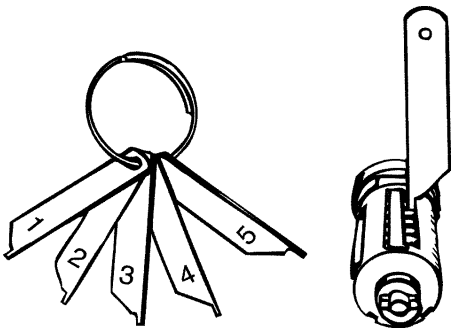
These pliers quickly remove either the factory lock cap using the rolled crimp, or the "Tab Style" replacement caps.



#HKD-75
POCKET SIZE DECODER KIT

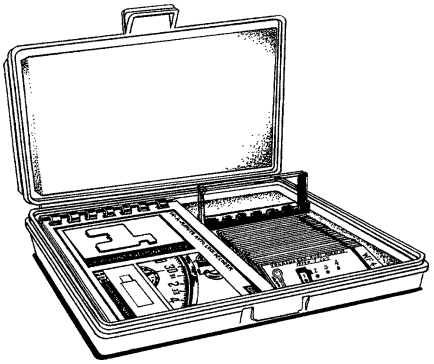
This kit determines the orignianl factory depths of most popular domestic pin and disc tumbler cylinder and automotive keys. Each 2" x 4" inforamtion cards also list the manufactureres depth and space specifications. Kit includes 3 shims, and 111 information cards and a plastic carrying case.

#HKD-CASE - Case only
#HKD-S - Shims only



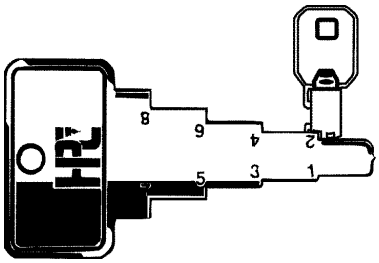
#GMTD-5
GM TUMBLER DECODER GAUGES

This set of gauges eliminates the guesswork when reading the tumblers on 6-cut single-sided GM keys. There is no need to take apart the lock plug or waste key blaks by "eye-balling" the depths. Works with all codes associated with DSD 36 and Code Cards C25 & P25.



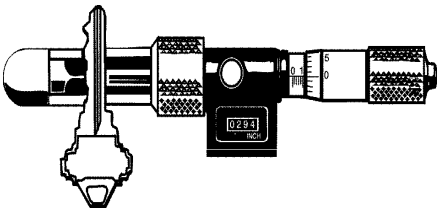
#ALD-1
IN-A-MINUTE AUTO LOCK DECODER KIT

This kit is comprehensive kit allowing you to quickly and accurately decode automotive wafers and pins. Kit comes complete with 1 decoder stand, 35 decoder cards, and the Quick Reference Guide.



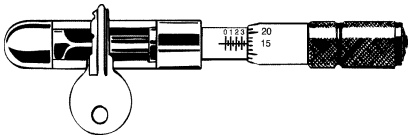
#TKPD-1
TUBULAR KEY & PICK DECODER

This is a stainless steel measuring device for decoding tubular keys and picks. It decodes eight depths; for standard, small, large, left hand, right hand, and UL (pin-within-a-pin) tubular keys.



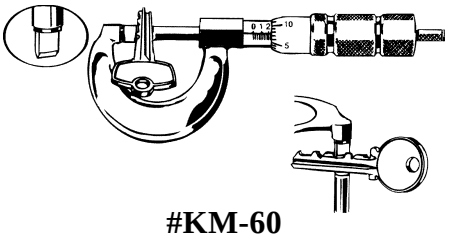
#SKM-2D
ULTIMATE MICROMETER

This tool allows for precise measuring of depths of cuts. The digital display give accurate readings in thousandths of an inch, without eye strain. Includes a genuine leather case with snap closure.



#SKM-1
STRAIGHT YOKE MICROMETER

This tool has a ratchet thimble to assure proper tightening for an accurate reading in thousandths of an inch. It has a satin chrome body and yoke, and includes a genuine leather case with snap closure.



#KM-60
MANUAL MICROMETER

This tool has a forged steel frame, with a satin chrome finish. It features clear precise graduations in thousandths of an inch. The tapered anvil reaches down into narrow pin seats and the ratchet timble assures proper tightening for accurate reading.



#MGS-1
MAGNA SCOPE

This otoscope has adjustable brightness. It is ideal for magnifying and illuminating hard to see areas. Packaged complete with 3 specula, including the pin depressor assembly, and soft plastic carrying pouch. Requires 2 "C" Batteries (not included).

#MGS-B Replacement Bulbs

#MGS-PD Replacement Pin Depressor

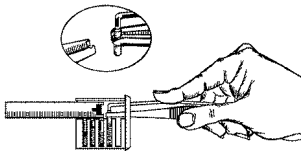




#PTT-4
PIN TUMBLER TWEEZERS

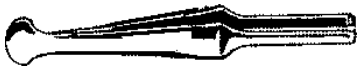
The groove in the tip provides a firm, non-twisting grip on cylinder pins. The tip is also milled back so the outisde diameter of a standard .115" pin extends past the tip.





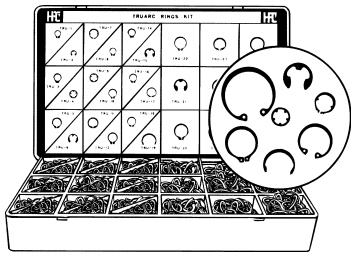
#TPT-5
PIN TUMBLER TWEEZERS WITH PIN PUSHING ATTACHMENT

Starting with the PTT-4, these pin tumbler tweezers have a pin pushing attachment that makes it easier to load top pins into a cylinder. The pin loading wire is removable for loading bottom pins as well.



#PTT-5
COMPACT PIN TUMBLER TWEEZERS

At only 4" long, these tweezers allow you to get closer to the action. The specially milled tips grip top and bottom pins firmly.



#TRU-275
TRUARC RING ASSORTMENT

This assortment contains 260 rings in 27 different styles and sizes of Truarc rings and retainers. They are made of carbon spring steel and replacement rings are available.

TUMBLER SPRINGS

These phosphorous bronze springs have tucked-in ends for easier loading. They offer maximum corrosion resistance and will give years of control over pins, without any tension loss or collapse.

Springs are ordered in packs of 5.

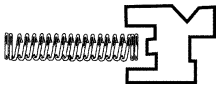
#SCS
For .095" & .101" Dia Pins

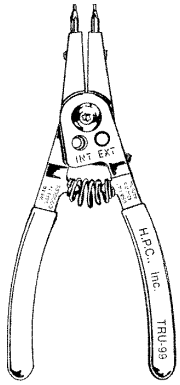


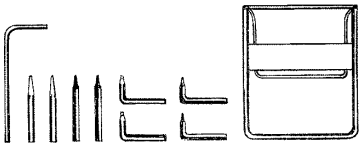
#LCS
For .115" Dia Pins



#GMLS
For GM Vehicles







#TRU-99
CONVERTIBLE TRUARC RING PLIERS

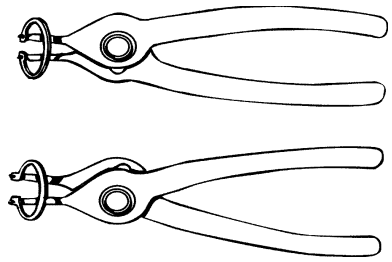
These can convert from ring compressor to ring spreader easily. They also feature an adjustable stop the limits the jaw opening for both internal & external operations. They can be used on internal rings sizes 1/4" to 1" and external rings sizes 1/8" to 1". Includes 5 pairs of interchangeable tips and a plastic case.

Tips Included: Silver (.047")
Black (.036")
Copper (.023")
Silver (90 degrees)
Black (90 degrees)

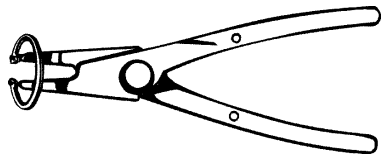
#TRU-T99 Tips Only

TRUARC RING PLIERS

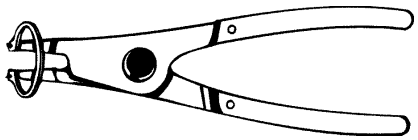
#TRU-55
Combination Ring Spreading & Compressing tool



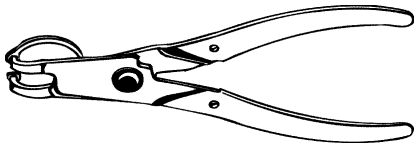
#TRU-121
Ring Compressor



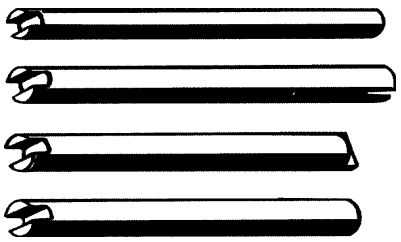
#TRU-122
Ring Spreader



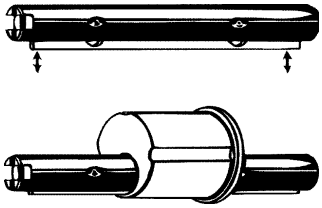
#TRU-123
90 Degree Ring Compressor



PLUG FOLLOWERS

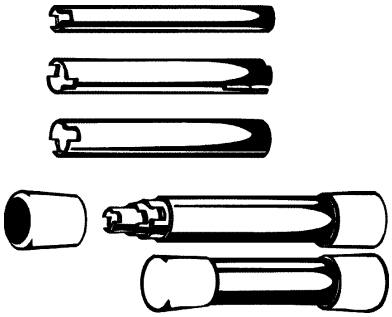


#SUT-0 - .395" Dia
#SUT-1 - .495" Dia
#SUT-3 - .500" Dia
#SUT-10 - .550" Dia
#SUT-47 - Set of all 4



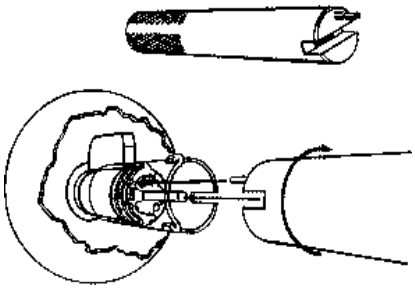
#SUT-22 ADJUSTABLE FOLLOWER

The spring action bar allows the SUT-22 to fit all standard locks .495" to .600" in diameter.



#SUT-14 HOLLOW BRASS FOLLOWER SET

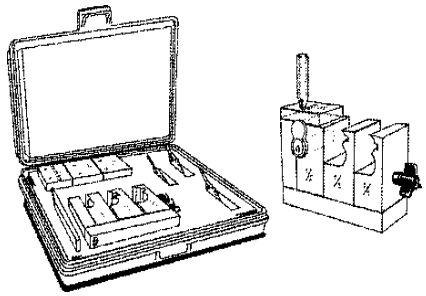
This set contains 3 popular sizes of chrome plated hollow brass followers. Each follower fits into the other for a convenient fit in the plastic tube included. Follower sizes are: .550", .495", & .395" diameters.
#SUT-14-A - .550" Follower Only
#SUT-14-B - .495" Follower Only
#SUT-14-C - .395" Follower Only



#SCRT-1 CYLINDER CAP REMOVAL TOOL

(For Schlage "A" Line Locksets)

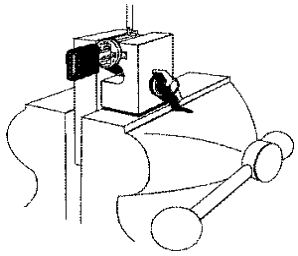
This tool makes removing a cylinder cap from Schlage "A" line locksets a snap. Use it with the cylinder in or out of the knob.



#RSF-2 RETAINER STAKING FIXTURE SET

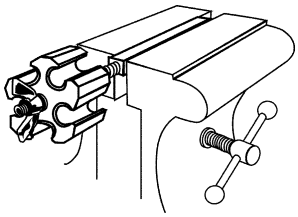
This set aids in the staking of the spring retainers for GM 6-cut, GM 10-cut, Ford 10-cut, Best & Falcon interchangeable core. It also works for staking of standard bible shaped cylinders.

Kit Includes: Fixture with 1/2", 5/8" & 3/4" blocks; 1/2 & 5/8" blade retainer stamping heads; 1/2" cap head for up to 7-chamber Best type IC; Best type IC pin ejector; Best type IC cap staking tool; cylinder alignment tool; GM corner staking tool; sturdy carrying case.



#RSF-1 RETAINER STAKING FIXTURE--GM AUTO LOCKS

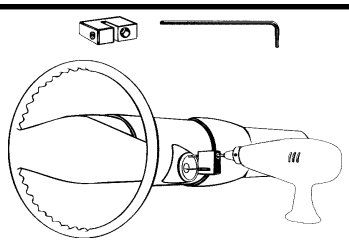
The tumbler retainers on GM auto locks must be staked to prevent their popping out and causing unneccessary lockouts. This case hardened vise-held fixture, grips the core tightly without distortion. Includes a 5/8" retainer. Addtional retainers and tool from RSF-2 can be purchased deparately to enhance RSF-1.



#CPF-5 VISE HELD PLUG HOLDER

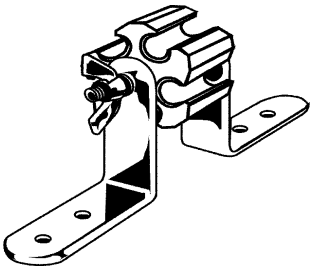
It holds the 5 most popular sizes: .404", .504", .508", .512" & .556" diameters.

MISC TOOLS LOCKSMITH



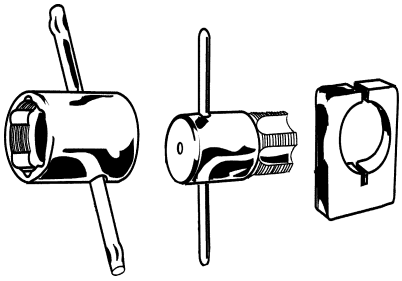
ITF-14
IGNITION DRILL TEMPLATE FOR FORD

This template allows swift, precise removal of the side-bar so that ignition replacement can be done almost immediately. Accuracy is ensured by the use of a key blank (not included)



#CPH-9
BENCH PLUG HOLDER

This versatile holder is hardened and has a black-oxide finish. It mounts on your work bench allowing you to choose from any one of these 5 popular sizes: .404", .504", .508", .512" & .556" diameters



#CLTD-5
MORTISE CYLINDER LOCK TAP & DIE SET

Complete re-tapping kit with cylinder holding fixture and metal box.The tap can easily be twisted into a stripped lock case cutting new useable threads into an otherwise ruined lock. The holding fixture secures a stripped mortise cylinder in your vise while you use the die to repair the threads.

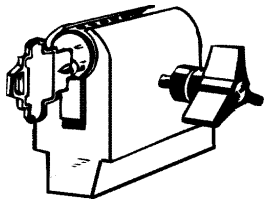
#CLD-6 - Cylinder Re-Threading Die & Holding fixture Only

#CLT-4 - Lock Case Re-Tapping Tap Only



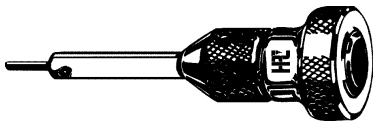
#CPH-10
SOLID PLUG HOLDER

Holds .510" diameter size plugs. Holds many popular plugs such as Arrow, Corbin, Kwikset, Lockwood , Sargent, Schlage, Weiser & Yale.



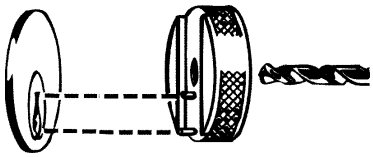
#SUT-600
ADJUSTABLE PLUG HOLDER

This universal plug vise is adjustable from .350" to .600" diameters.

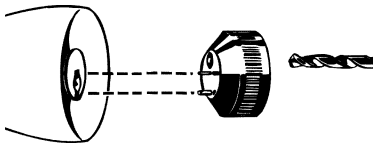


#FIT-2
FLIP-IT™

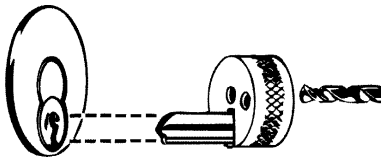
When picking a lock in the wrong direction (intentionally or by error) this tool will rapidly flip the cylinder plug past the upper pins and save you the job of re-picking. Also works equally well on disc tumbler locks.



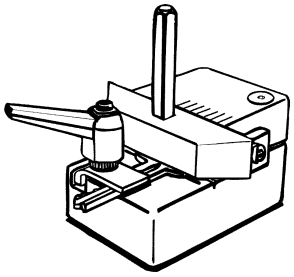
#CDJ-1
CYLINDER DRILL JIG and Drill bit for Flat Face Cylinder



#CDJ-2
CYLINDER DRILL JIG and Drill Bit for Recessed Tulip Design Types.

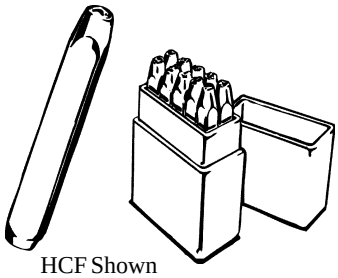


#CDJ-3
CYLINDER DRILL JIG, Drill Bits, 2 Key Blades & Allen Wrench for Removable Cores



#SA-7
STAMP ALIGNER™

This tool holds the stamps so that figures may be stamped on keys in a straight line with even spacing between characters. The aligner has 7 detents to stamp up to 7 characters and 3 rows evenly on a standard key. Accommodates large bows. The 1/4" square hole fits 1/8" & 3/32" character stamps. Stamps sold separately.



HCF Shown

HAND CUT DIE STAMP SETS

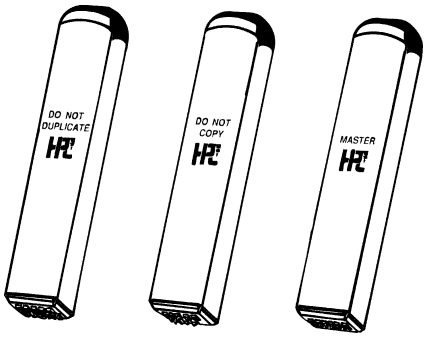
- Tempered head prevents mushrooming
- Extra tough shank prevents bending
- Hand ground taper makes locating easier
- Specially hardened character end prevents chipping
- Sharp chisel edge character face assures clear impressions
- Fits neatly in the included plastic box

Figure Sets:

#HCF-3/32 - 3/32" character with 1/4" shank
#HCF-1/8" - 1/8" character with 1/4" shank

Letter Sets:

#HCL-3/32 - 3/32" character with 1/4" shank
#HCL-1/8 - 1/8" charachter with 1/4" shank



SPECIALTY LOCKSMITH STAMPS

Permanently mark master or restricted keys with these premade stamps. The stamps are made of heavy duty steel stock, 3/8" x 5/8" with 1/16" characters, hardened and zinc plated for years of use.

#LDND - Do Not Duplicate

#LDNC - Do Not Copy

#LMS - Master



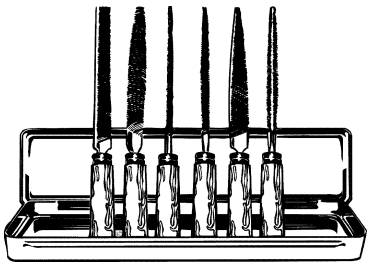
IMPRESSIONING FILES & SAFETY CASE

Protects file, pocket & wearer

#IFH-1 - Plastic carrying case for files

#IFH-2 - #2 cut, coarse impression file in case

#IFH-4 - #4 cut, fine impression file in case

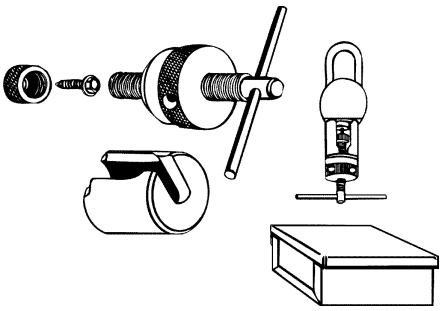


#KFS-6 KEY FILE SET

Includes six 4" files with wooden handles in a plastic case.

Files Included:

Swiss Pattern Round - Tapered
Swiss Pattern - 3 Sq. Tapered
Swiss Pattern Square - Tapered
Swiss Pattern - Rectangular Straight
Swiss Pattern - Warding Tapered
Swiss Pattern - Half Round Tapered



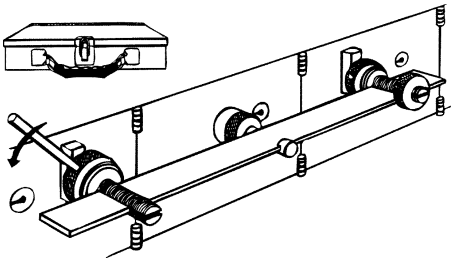
NOSE PULLER FOR SAFE DEPOSIT BOXES

This heavy wrought iron and bar steel set is expertly machined and finished to effectively pull out a lock core from a safe deposit door.

#NP-4B - Complete Kit (includes the following)

Replacement Parts:

#NP-4B-1 - Screw Retainer
#NP-4B-2 - Standard Hex Head Sheet Metal Screw (10 per pack)
#NP-4B-3 - Threaded Shaft
#NP-4B-4, 5 - Ball Thrust Bearing & Knurled Knob
#NP-4B-6 - Handle
#NP-4B-7 - Spacer Block



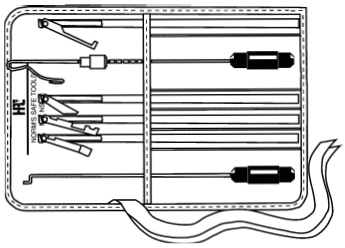
DOOR PULLER & NOSE PULLER FOR SAFE DEPOSIT BOXES

If the lock core has been pulled and use of the guard key has not opened the door, then it is time to apply the door puller set.

#DP-7B - Complete Kit (Includes Nose Puller Set #NP-4B - all within steel carring case)

Replacement Parts:

#DP-7B-1 - Hooked Anchoring Post
#DP-7B-2 - Knurled Nut only, to fit Anchor Post & Leg
#DP-7B-3 - 3 Dia. Spacer Block
#DP-7B-4 - Flat Blade
#DP-7B-5 - Slotted Leg with Foot
#DP-7B-4, 5 - Ball Thrust Bearing & Knurled Knob for Thrust Bearing
#DP-7B-6 - Handle



SAFE OPENING TOOLS

This is a collection of 6 tools designed for use on safe locks after burglary has been attempted. These tools allow you to recreate correct combination input by allowing you to deactivate relocking mechanisms and draw back bolts. This kit comes complete with 6 tools and instructions in a handy roll-up case.

SAFE DRILLS

#SHPD-6 - 3/8" dia., 6" long with a carbide tip



#SHPD-8 - 1/2" dia., 6" long width



#SHPD-13 - 1/ 4" dia. 8" long width



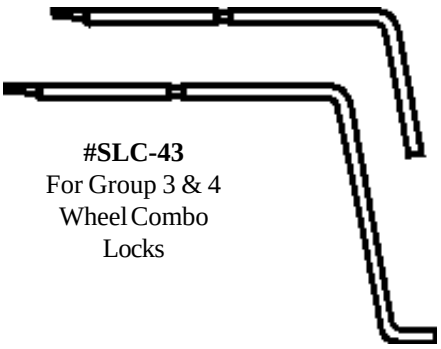
#SHPD-14 - 3/8/ dia. 8" long width



HPC SAFE CHANGE KEYS

LA GARD

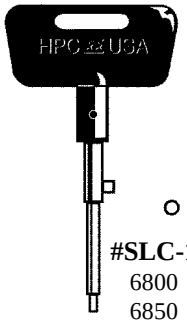
#SLC-42
For Group 1 & 2,
All 3 Wheel Locks
(2200, 2500, 3300)



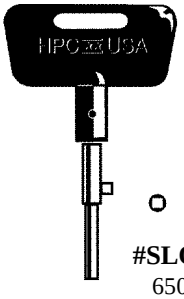
#SLC-43
For Group 3 & 4
Wheel Combo
Locks

SAFE CHANGE KEYS (continued)

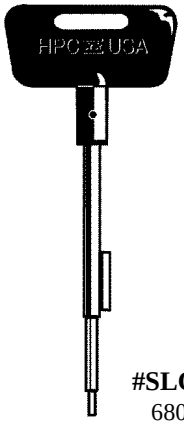
SARGENT & GREENLEAF



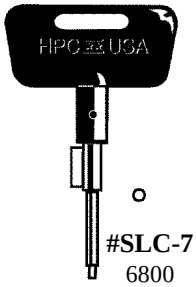
#SLC-1
6800
6850



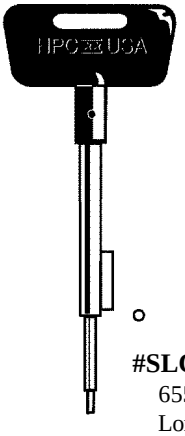
#SLC-2
6500
6570



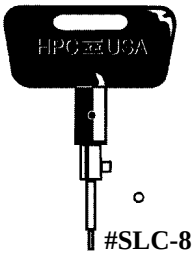
#SLC-5
6800
6805



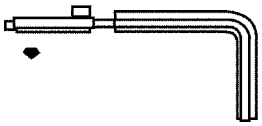
#SLC-7
6800
6810
6815



#SLC-21
6550
Long

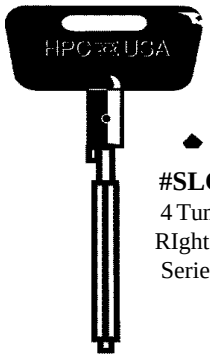


#SLC-8
6580
6700

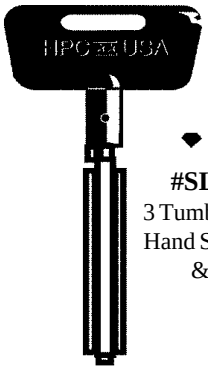


#SLC-4
3 Wheel, 6700, R6720, R6722, R6730, R6725, R6732, R6735, 8400, 8500

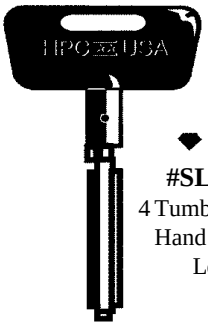
DIEBOLD



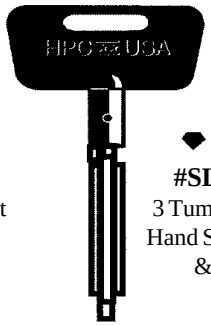
#SLC-12
4 Tumbler RIght Hand Series 161



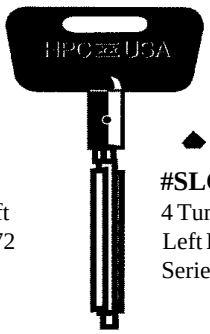
#SLC-13
3 Tumbler Right Hand Series 172 & 181



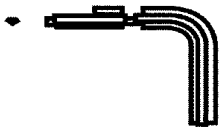
#SLC-14
4 Tumbler Right Hand K & M Lock



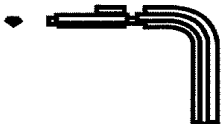
#SLC-15
3 Tumbler Left Hand Series 172 & 182



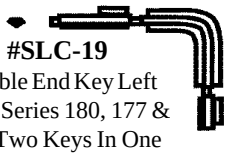
#SLC-16
4 Tumbler Left Hand Series 161



#SLC-17
4 Wheel Combination Lock Series 177 & 900

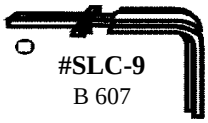


#SLC-18
3 Wheel Combination Lock Series 180

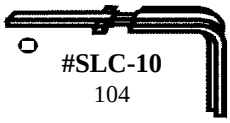


#SLC-19
Double End Key Left Hand Series 180, 177 & 900 Two Keys In One

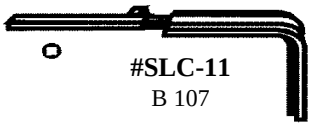
MOSLER



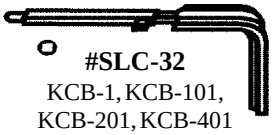
#SLC-9
B 607



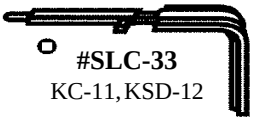
#SLC-10
104



#SLC-11
B 107



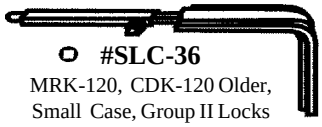
#SLC-32
KCB-1, KCB-101, KCB-201, KCB-401



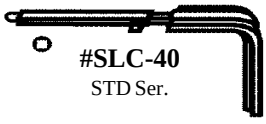
#SLC-33
KC-11, KSD-12



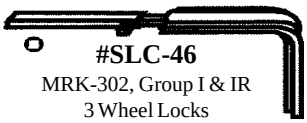
#SLC-35
K-1203, K-1204 Spec. MRK-402, Group I & IR 4 Wheel Locks



#SLC-36
MRK-120, CDK-120 Older, Small Case, Group II Locks

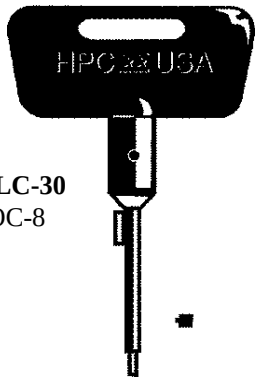


#SLC-40
STD Ser.

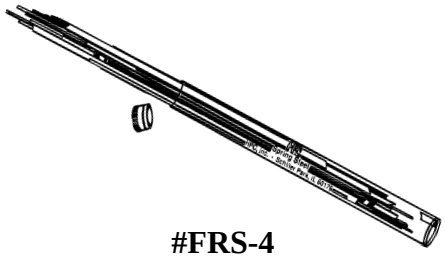


#SLC-46
MRK-302, Group I & IR 3 Wheel Locks

YALE

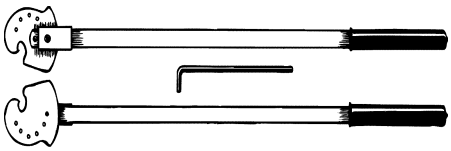


#SLC-30
OC-8



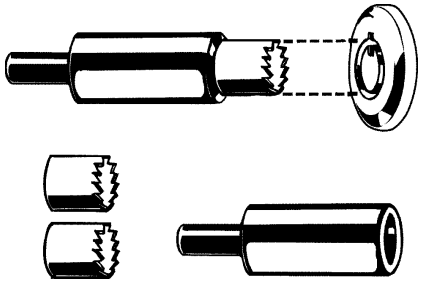
#FRS-4
1/2 lb FLAT & ROUND SPRING STEEL

This assortment contains different sizes of the most popular flat and round spring steel. Over 50 pieces cut 9" lengths all in a plastic see-through container.



#PB-20
PADLOCK BUSTER

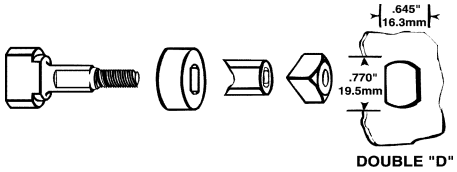
This tool is designed to open most small and medium size padlocks with shackle diameters up to 5/16". It opens padlocks with toe and heel steel locking balls, up to 1/4" dia. shackle only.

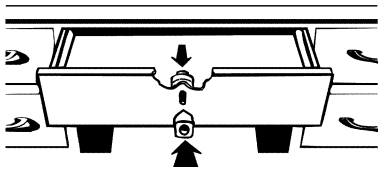


TUBULAR LOCK SAWS

These hole saws destroy the pins at the shear line. Hole saws are available for standard and oversize keyways. Saws will fit any 1/4" electric dill. Saw life is approximately 3 openings. Not for use on locks with hardened pins or ball bearings in the keyway.

#AG-1 - Standard Size Tool + Extra Saw for .375" Dia.
#AG-2 - Oversize Tool + Extra Saw for .394" Dia.
#G-1 - Replacement Saw for AG-1
#G-2 - Replacement Saw for AG-2

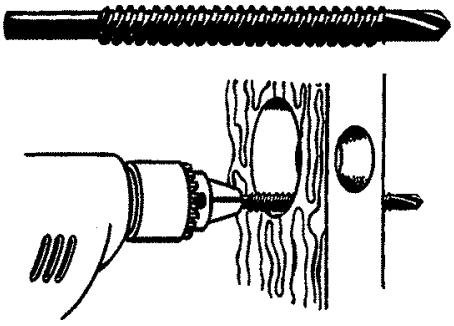




DOUBLE "D" METAL PUNCH & DIE SET

This tool punches a double "D" hole. It is a necessary aid to locksmiths for installing vending machine and cam locks on metal cabinets or desks, sheet metal lockers, filing cabinets, and cash boxes. The tool punches a .645" x .770" hole in 18 gauge mild steel.

#HDPS-4 - Complete Set
#HDPS-P - Replacement Punch
#HDPS-S - Replacement Screw



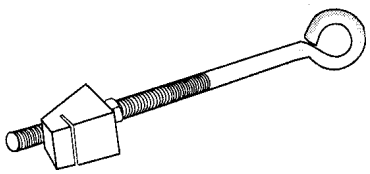
#RD-1
ROUTER-DRILL

This tool fits any electric drill or drill press. It cuts its own starting hole in any shape or direction that the tool is moved. It cuts wood, plastics, non-ferrouse metals and is made of hardened steel for a long life.

ILCO

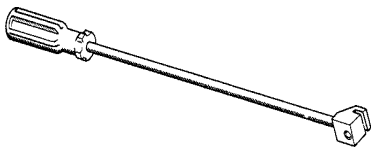
Item #	Description
898-00-41	**Plug Holder/Follower Set** A complete set, plus 6" tweezers & wood case
891-00-11	**Following Tool Set** Includes the tools listed below
887-00-11	**Following Tool (.500)** App: ILCO 4019, Keil #30 & Lockwood 956 Rim Cyls
888-00-11	**Following Tool (.495)** App: Acro Lock, Arrow, Corbin, Dexter, Eagle, ILCO, Keil, Kwikset, Lockwood, National, Rockford National, Nexco, Russwin(.500" dia), Sargent, Schlage, Taylor, Weiser (Except Beverly), Welch, Yale
889-00-11	**Following Tool (.395)** App: Almount (peanut cyl), Corbin (sm pin), Eagle (sm pin), ILCO (peanut cyl), Yale (sm pin)
890-00-11	**Following Tool (.555)**
897-00-11	**Plug Holder Set** Includes the following four holders
893-00-11	**Plug Holder (.510)**
894-00-11	**Plug Holder (.500)**
895-00-11	**Plug Holder (.405)**
896-00-11	**Plug Holder (.550)**
899-00-11	**Pin Tumbler Tweezers** 6" long with Pin Holder Tip
900-00-11	**Short Pin tumbler tweezer** 4" long with Pin Holder Tip
843-01	**Following Tool** for ILCO "605" Die Cast Cylinder
885-00-41	**Multi-Plug Holder** (Vise Mount)
886-00-41	**Multi-Plug Holder** (Bench Mount)
830-00-11	**Plug Holder, Aluminum** (for Standard .510" plugs)
880-00-11	**Key Deburrer**
881-00-11	**Key Micrometer** Micrometer has a hardened and chrome anvil
883-00-41	**Micrometer Mounting Base**
884-00-41	**Mcro-Dial Caliper**
MKS-1	**Master Key Selector Chart**
879-00-11	**Pin & Plug Deburring Tool**
910-00-11	**Cylinder Plug Punch Marker**
785-00-41	**Cylinder Service Fixture**
786-00-41	**Multiple Plug Holder**
855-00-8X	**Rim Cylinder Service Kit**

KEEDEX



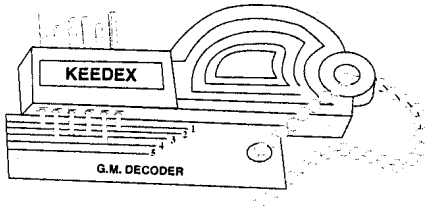
#K-2
JAWS II-L CLIP REMOVAL TOOL

Spring loaded ball bearing holds clip in tool until you want it removed. Design allows the JAWS II-L to bump up against the lock to help remove stubborn clips.



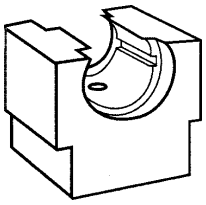
#K-3
STRAIGHT SHOT

Perfect for Corvettes. Use where you have a "straight shot" at the clip. Ball bearings hold clip in tool until you want it removed.



#K-4
G.M. DECODER

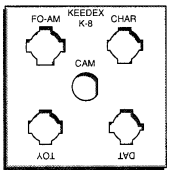
Decodes all tumblers in one step without complete disassembly of the lock. Instructions and case included.



#K-7
GM / FORD LOCK BLOCK

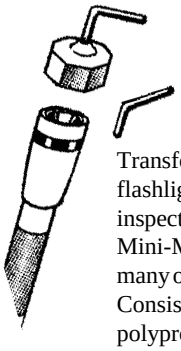
One end of tool accomodates all GM side bar locks as well as AMC and Chrysler side bar ingnitions. The other end, accepts Ford side bar ignitions. Ball bearing action holds lock firmly.

#K-7-10C is for 10-cut GM Locks



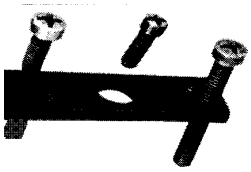
#K-8
IMPRESSIONING PLATE

Specialized plate that holds locks as if they were still in the vehicle. The tool works with your vise to hold Chrysler, Ford, AMC, Toyota, Nissan and all standard cam locks.
#K-8B works with Honda, Mazda, Nissan 1982+, Toyota 83+ & DD cam locks.



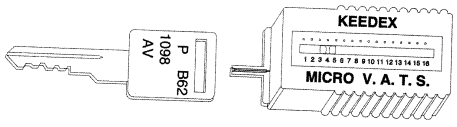
#K-23
SCOPE

Transforms your mini-flashlight into a powerful inspection devices. Works with Mini-Mag Lite, Brinkman and many other "AA" flashlight. Consists of a 1" diameter polypropylene cap and two inter-changeable, one 45 deg & one 90 deg, fiber optic rods.



#K-10
GM COMPRESSOR

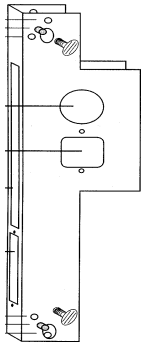
This pocket size tool compresses the lock plate spring on AMC, Chrysler tilt, GM tilt, telescopic, metric and standard steering columns.



MICRO VATS INTERROGATOR

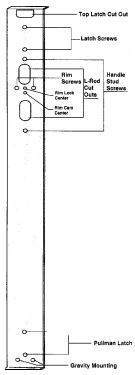
First cut a functional mechanical key for the ignition. Then insert the key into the ignition. Next slide the Micro VATS unit over the head of key. Use the selector switch on the Micro VATS to determine which of the fifteen values is the correct one that will start the engine.

#K-VATS is for single sided ignitions
#K-VATS-DBL for double sided ignitions



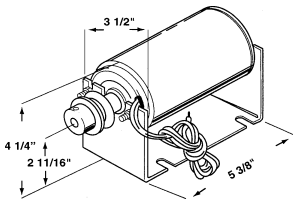
#K-TMPA/R
INSTALL TEMPLATE FOR ADAMS RITE

This tool allows you to make precise installation of Adams Rite 1850S, 4530, 4710 & 4711 series locks. Also works with the International DH1822 & DL4511. Covers the following backsets: 7/8", 31/32" & 1-1/8". Includes guide for Adams Rite exit indicator #4089. Also has cut out for BBW #3925 & International FB-1200 flush bolts.



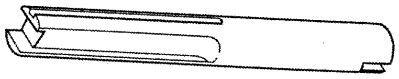
#K-TMPDOR
INSTALL TEMPLATE FOR DOR-O-MATIC 990/1990 & 1090/2090 SERIES

This tool allows you to make precise installation of Dor-O-Matic Exit Devices.



#K-5
SPEEDO II 12V DC MOTOR

3800 RPM high torque reversible 12v DC motor. Designed to work with a variety of key machines. Comes with pulley, mounting bracket and belt. One year guarantee.



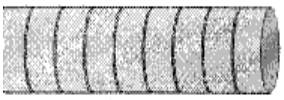
#K-6
MASTER FOLLOWER

This follower is made of solid brass and can be used as a regular follower or as a master pin remover and follower on Schlage, Sargent, Kwikset, Weiser & Almont padlocks.



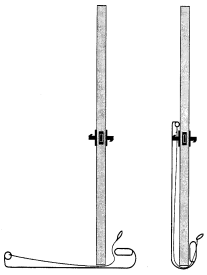
#K-6-COR
MASTER FOLLOWER FOR CORBIN RUSSWIN

This follower is designed for Corbin Russwin locks. It is a two piece follower that can be used with both .500" & .550" plugs. Made of solid brass.



#K-19
PROFILE CYLINDER FOLLOWER

This segmented follower is a simple but effective solution to the frustration of serviceing profile cylinders. Special magnetic design for easy operation.



#K-22
LEVER OPENING TOOL

If you can slide this tool under the door, you will open it.SOLD ONLY TO LOCKSMITHS & LAW ENFORCMENT AGENCIES ONLY!

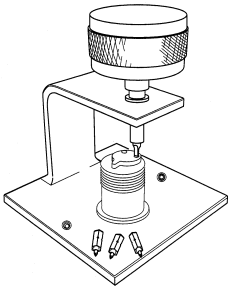
TAMPER



TAMPER RESISTANT SCREWDRIVER

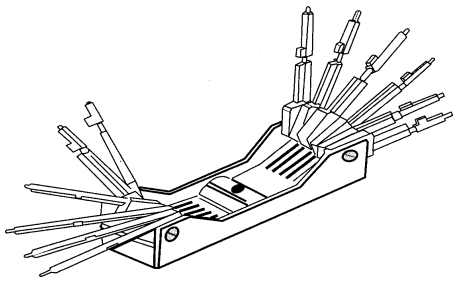
This screwdriver comes with eleven inter-changeable tips. Including 6 torx tips, 3 hex tips and 2 spanner tips.

A-1



"SPIN OUT" SCREWDRIVER FOR MORTISE CYLINDERS

This tool is specially designed to remove even the most stubborn screws. This tool features a screwdriver with an oversized handle for extra torque. Four sizes of interchangeable screw-driver bits - two slotted and two Phillips. Includes stand.

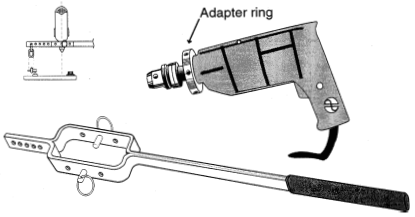


#K-18
CHANGE KEY SET

This tool combines the 12 most common change keys in a handy case. Keys fold out to select the proper tool. Case is engraved with description of uses. Stainless steel keys.

#K-GSA
GSA TYPE CHANGE KEY SET

This tool is designed for those individuals working in the GSA environment. It contains the keys needed for services GSA rated containers. Keys are made of cast stainless steel and case is engraved with description of uses.



#K-14
SAFEBUSTER

This tool allows for versatile safe drilling that uses over 12 types of drill motors. Bosch, AEG, Jepson, Hitachi, etc. This tool is used to drill through hardplate.

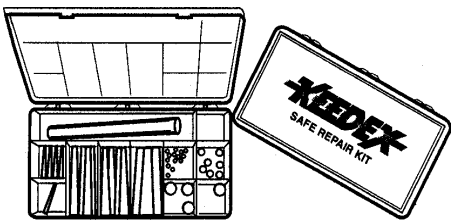


CARBIDE TIP SAFE DRILL BITS

Specially sharpened on a diamond wheel. Ideal for penetrating hard plate and other demanding metal work.

SIZES:

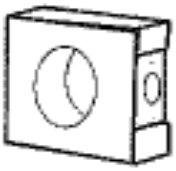
1/8" x 3"	5/16" x 30"
3/16" x 4"	3/8" x 4"
3/16" x 6"	3/8" x 6"
1/4" x 4"	3/8" x 13"
1/4" x 6"	3/8" x 30"
1/4" x 13"	1/2" x 4"
5/16" x 4"	1/2" x 6"
5/16 x 6"	1/2" x 13"
5/16" x 13"	1/2" x 24"



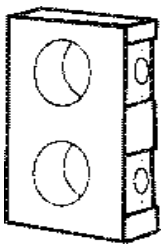
#K-16
SAFE REPAIR KIT

These steel taper pins and corresponding ball bearings will be invaluable when repairing safes that have been drilled open. Five sizes of taper pins form 1/8" to 1/2", Four sizes of ball bearings. Re-order numbers included.

WELDABLE GATE BOXES



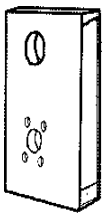
K-BXSGL



K-BXDBL



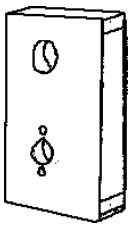
K-BXA/R



K-BXMOR1

Single Lock Boxes

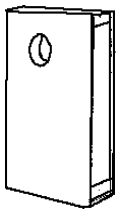
K-BXSGL • Single Box. 2 3/8" backset. 2 1/8" hole. 1 1/2" Wide. (Dim: 3 1/2" H x 4 1/2" L x 1 1/2" W)
K-BXSGL234 • Single Box. 2 3/4" backset. 2 1/8" hole. 1 1/2" Wide. (Dim: 3 1/2" H x 4 3/4" L x 1 1/2" W)
K-BXSGL234-112 • Single Box. 2 3/4" backset. 1 1/2" hole. 1 1/2" Wide. (Dim: 3 1/2" H x 4 3/4" L x 1 1/2" W)
K-BXSGL234-BEST • Sgl. Box. 2 3/4" b/s - Fits Best 9K. 2 1/8" hole. 1 1/2" W. (3 1/2" H x 4 3/4" L x 1 1/2" W)
K-BXSGL234-AL • Aluminum Sgl. Box. 2 3/4" backset. 2 1/8" hl. 1 1/2" W. (Dim: 3 1/2" H x 4 3/4" L x 1 1/2 W)
K-BXSGL234-SS • Stainless Steel (16g.) Sgl. Box. 2 3/4" b/s. 2 1/8" hl. 1 1/2" W. (Dim: 3 1/2" H x 4 3/4" L x 1 1/2 W)
K-BXSGL234-NH • Sgl. Box. No Hole. 1 1/2" Wide. (Dim: 3 1/2" H x 4 3/4" L x 1 1/2 W)
K-BXSGL500 • Single Box. 5" backset. 2 1/8" hole. 1 1/2" Wide (Dim: 3 1/2" H x 7" L x 1 1/2" W)
K-BXSGL-S • Slim Box Sgl., 2 3/8" backset. 2 1/8" hole. 1 1/4" Wide. (Dim: 3 1/2" H x 4 1/4" L x 1 1/4" W)
K-BXSGL-ES • Extra Slim Box Sgl., 2 3/8" backset. 2 1/8" hole. 1" Wide. (Dim: 3 1/2" H x 4 1/2 L x 1" W)



K-BXMOR2

Double Lock Boxes

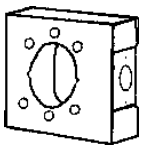
K-BXDBL • Double Box. 2 3/8" backset. 2 1/8" holes. 1 1/2" Wide. (Dim: 6 7/8" H x 4 1/2" L x 1 1/2" W)
K-BXDBL234 • Double lock Box. 2 3/4" backset. 2 1/8" holes. 1 1/2" Wide.
K-BXDBL234-AL • Aluminum Double Lock Box. 2 3/4" backset. 2 1/8" holes. 1 1/2" Wide.
For "H" series. Holes: 4" center-center. (Dim: 8 5/8" H x 4 3/4" L x 1 1/2" W)
K-BXDBL-S • Slim Lock Dbl., 2 3/8" backset. 2 1/8" holes. 1 1/4" Wide. (Dim: 6 3/4" H x 4 1/4" L x 1 1/4" W)
K-BXDBL-ES • Extra Slim Box Dbl., 2 3/8" backset. 2 1/8" holes. 1" Wide. (Dim: 7 1/2" H x 4 1/2 L x 1" W)
K-BXA/R • Box For Adams Rite 1850A, 1850S, 1851S, 4511, 4710 & 4711. 1 1/8" backset.
K-BXA/R-AL • Aluminum Box For Adams Rite 1850S, 1851S, 4511, 4710 & 4711.
Also works with: Assa 8508, 8513 & 8518. International DH1822 & DL4511. 1 1/8" backset.
K-BXA/R-31/32 • Box For Adams Rite 1850A, 1850S, 1851S, 4511, 4710 & 4711. 31/32" backset.
K-BXA/R-NH • Box For Adams Rite • No Cylinder Holes (Dim: 7" H x 1 15/16" L x 1 3/4" W)
K-BXA/R-11/2 • Box For Adams Rite 1850A, 1850S,1851S, ... 1 1/2" backset. (Dim: 7" H x 2 7/16" L x 1 3/4" W)



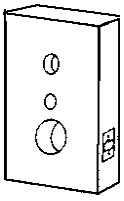
K-BXMOR3

Mortise Lock Boxes (Heavy duty models available, see next page)

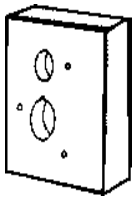
K-BXMOR1 • Weldable Gate Box - Schlage L series. Sargent 7800/8200. Yale 4600, 8600 & 8700.
K-BXMOR1-AL • Aluminum Weldable Gate Box - Schlage L series. Sargent 7800/8200. Yale 4600, 8600 & 8700.
K-BXMOR2 • Weldable Gate Box - Corbin/Russwin 5000 & ML2000 series. Falcon M series. Best 34H-37H.
K-BXMOR3 • Weldable Gate Box - Mortise Lock - No Trim Hole (cylinder hole only).
K-BXMOR4 • Weldable Box Blank No Trim Hole. No Cylinder Hole (Dim: 8 1/8" H x 4 5/8" L x 1 3/4" W)
K-BXMOR-BST38HM • Weldable Gate Box - Best Mortise Deadbolt 38H (Dim: 5 5/8" H x 4 3/4" L x 1 3/4" W)
K-BXMOR-MR3000M • Weldable Gate Box - Marks Mortise Deadbolt 3000M. (Dim: 4 7/8" H x 4 1/2" L x 1 3/4" W)
K-BXMOR-SGT4874 • Weldable Gate Box - Sargent Mortise Deadbolt 4874. (Dim: 4 7/8" H x 4 1/2" L x 1 3/4" W)
K-BXRHO • Box For Schlage® Rhodes & Many Other Lever Sets (Dim: 4 1/8" H x 4 3/4" L x 1 3/4" W)
K-BXRHO-AL • Aluminum Box For Schlage® Rhodes & Many Other Lever Sets (Universal Hole Pattern)
K-BXRHO-925 • Oversized Box For Schlage® Rhodes & Others (Dim: 9 1/4" H x 5 1/2" L x 1 3/4" W)
K-BXSIM • Box - Simplex/Unican 1000 Series • Alarm Lock Trilogy™ DL2700 (T2), DL3000 (T3) & PDL3000
K-BXSIM-AL • Aluminum Box - Simplex/Unican 1000 Series • Alarm Lock DL2700 (T2) & DL3000 (T3)
K-BXSIM-SS • Stainless Steel (16g.) Box - Simplex/Unican 1000 Series • Alarm Lock DL2700 (T2) & DL3000 (T3)
K-BXSIM-EE • Box For The Simplex/Unican EE1000
K-BXSIM-EE-AL • Aluminum Box - Simplex/Unican EE1000
K-BXSIM-NH • Box Simplex/Unican 1000 Series. No Holes. Latch Prep Only. (Dim: 9 1/4" H x 5 1/2" L x 1 3/4" W)
K-BXSIM-200 • Box- Simplex/Unican 200 Series. Fits models 904, 905, 918 & 919. (5 1/2" H x 4" L x 1 3/4" W)
K-BXSIM-200-AL • Aluminum Box - Simplex/Unican 200 Series. Fits models 904, 905, 918 & 919.
K-BXSIM-4000 • Box - Ilco/Unican 4000 Series (Drill extra holes for 710, 850 & 950) (Dim: 14" H x 8" L x 1 3/4" W)
K-BXSIM-4000-AL • Aluminum Box For Ilco/Unican 4000 Series (Dim: 14" H x 8" L x 1 3/4" W)
K-BXSIM-6004 • Box For Simplex/Unican 6000 Series 2 3/4" Backset (Dim: 6 1/2" H x 5 9/16" L x 1 3/4" W)
K-BXSIM-6018 • Simplex/Unican 6000 Series 2 3/8" Backset (Dim: 6 1/2" H x 5" L x 1 3/4" W)
K-BXMON • Weldable Box - Monument 2210 (Dim: 7" H x 4 3/4" L x 1 3/4" W)
K-BXPRES • Weldable Gate Box For Preso-Matic (Dim: 7" H x 4 3/4" L x 1 11/16" W)
K-BX458175 • Weldable Box No Holes. You Can Prep To Fit Your Needs. (Dim: 8" H x 4 1/2" L x 1 3/4" W)



K-BXRHO



K-BXSIM

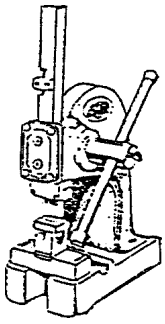


K-BXSIM200

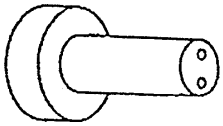
KSP



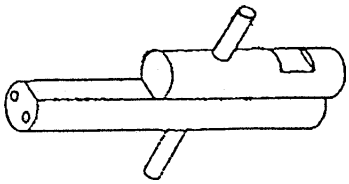
#606
CAPPING BLOCK & PUNCH



#607
CAPPING PRESS & BLOCK



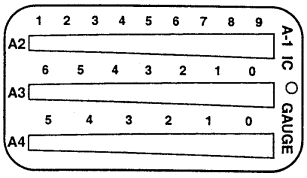
#608
STAKING TOOL



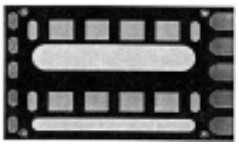
#609
HOUSING WRENCH



#610
EJECTOR PUNCH

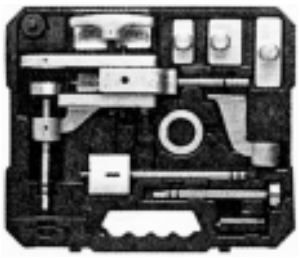


#611
DECODING GAGE



#612
STAMPING BLOCK

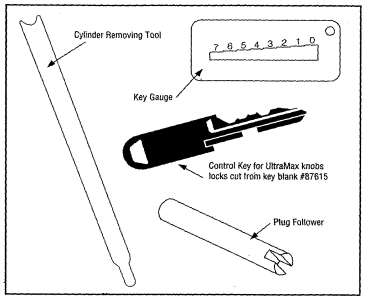
KWIKSET



#138
INSTALLATION KIT & REPLACEMENT PARTS

All-in-one boring jig with trouble-free setup.

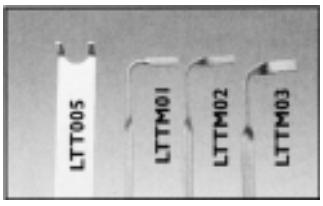
Item #	Description
91380	138 Installation kit
89900	Jig with wood arm guide
89901	Wood door in-line guide arm
89902	Metal door in-line guide arm
89903	1" spade bit
89904	2-1/8" multi-spur bit
89905	1-1/2" multi-spur bit
89906	2-1/8" hold saw bit
89907	Hole saw mandrel
89908	Snap rings
89909	Full lip strike mortise tool
89910	Full lip round corner strike blades
89911	Full lip square corner strike blades
89912	Latch mortise tool
89913	Latch round corner blades
89914	Latch square corner blades
89915	Max security strike mortise tool
89916	Max security square corner blades
89917	Max security round corner blades
89918	Quick bit changer
89919	Strike locator
89920	Strike locator tip
89921	Kit box
89922	Jig bushing
89923	1-1/2" adapter ring
89924	663 boring depth stop
89925	Boring template
89926	1/8" hex wrench



#272
KWIKSET / SOCIETY BRASS COLLECTION REKEYING KIT

Contains the different pin sizes you need to rekey a lock, a Key Gauge for reading the cuts on a key, a cylinder removing tool and a plug follower. This simple device keeps lock parts from scattering across room when you remove the plug from cylinder. There are also extra top pins, springs and other parts in kit.

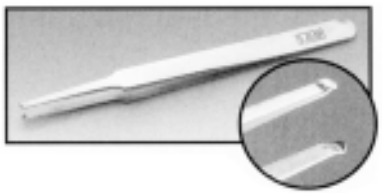
LAB



TURNING TOOLS & SHAPES

Item #	Description
LTT005	005 Auto Disc Tool
LTTM001	.078 Tip - Medium Flex
LTTM002	.093 Tip - Medium Flex
LTTM 003	.125 Tip - Medium Flex

LTTM 001,002, & 003 contain a full twist on one end and a half twis on the other.

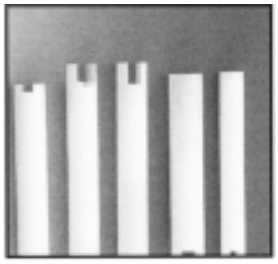


#LZT001
FORMED END TWEEZERS

- Curved ends for positive grip
- Perfect size & weight
- Stainless Steel

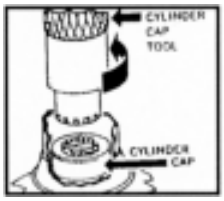
MISC TOOLS LOCKSMITH

LAB



FOLLOWERS

Item #	Description
LFT004	Small plug (.398 dia)
LFT003	Corbin (.550 dia)
LFT002	Weslock (.515 dia)
LFT000	Schlage (3 types of cylinders)
LFT001	Universal (.498)

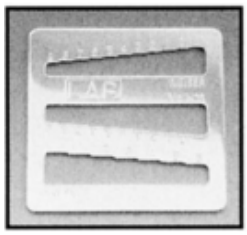


#LCR005 CYLINDER CAP REMOVAL TOOL

This is a time saving tool to remove the cylinder caps from Schlage, Weiser, Arrow & Falcon locks. This tool has been modified to accomodate the extended tailpiece for Schlage.

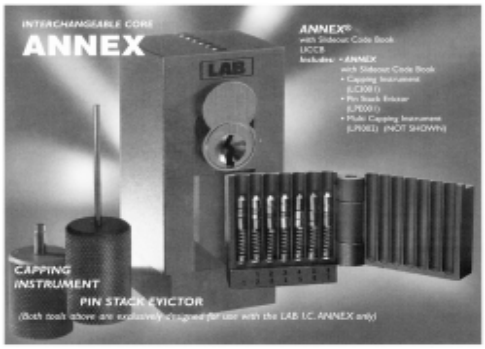
#LPB001 WOOD BLOCK PINNING TRAY

This tray is made of Artic Birch and holds 5 plugs. Measures 5" x 4-1/4".



#LKG001 5-N-1 GAUGE

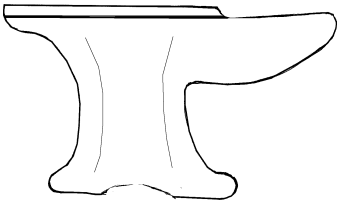
This gauge works for Kwikset, Schlage, Master Westlock & Weiser. Measures 2" x 2" with Brass finish.



INTERCHANGEABLE CORE ANNEX

This tool offers the simplest method for the loading of interchangeable core pins, springs and caps., using only one instrument for both functions. A second time saving feature is a slideout code book below the area where the core is slid in place. This allows the user to unload the core pins, springs and caps into a confined area without spilling parts in or around the work area. This slideout code book is also used to decode the core to determine the bitting of the control key when it is not available and also determine the top master key bitting.

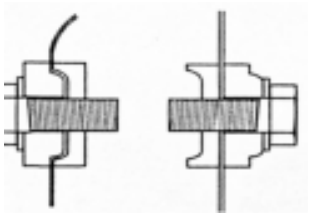
LITCHFIELD



MINIATURE ANVIL

This cast iron miniature measures 5" long and only 2-1/2" tall

LOCK TECHNOLOGY



#700 LOCK REFORMING TOOL

Fits GM, Ford, Chrysler & Most Foreign cars. This tool instantly reforms damaged lock openings to their original contours.

THE MAGNET SOURCE



MAGNETIC TOOL HOLDER

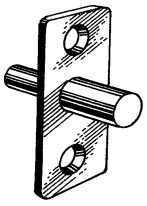
#AM1- 24" tool holder with two 1/4" dia mounting holes 16" apart
#AM2 - 13" tool holder with two 1/4" dia mounting holes 10" apart



CERAMIC MAGNET ASSEMBLY

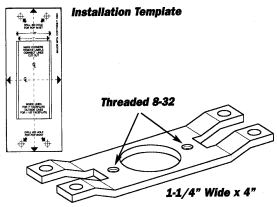
Lifts up to 18 lbs. Permanent magnetism gauranteed. Can be mounted.

MAJOR MANUFACTURING



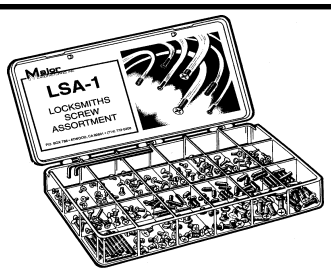
#JP22 JAMB PIN

Jamb pin adds security on hing side of door. JP-22 may have to be mortised flush on tight fitting doors. Packed two per bag with fasteners, zinc plated.



#LMB01 LOCK MOUNTING BRACKETS

This tool will make installing cylindrical knob locks or dead-bolts on metal doors now faster and easier than before. The bracket is stamped from 12 gauge cold rolled steel, installedwith pop-rivets, and supplied with an adhesive template . It is also cut out in the center to allow installations on metal doors with a center seam.



#LSA1 LOCKSMITHS SCREW ASSORTMENT

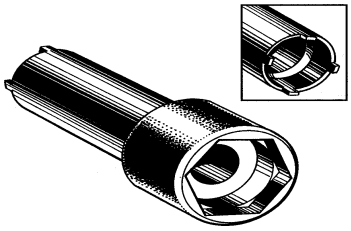
An assortment containing 18 of the most commonly used and misplaced screws that are required when servicing locks. The kit contains mortise cylinder cam screws, cylinder set screws, face plate screws and others. Also included are the allen wrenches needed for the allen screws used in the kit. Refills are available in packs of 10.



#CAK-15 CYLINDER ACCESSORY KIT

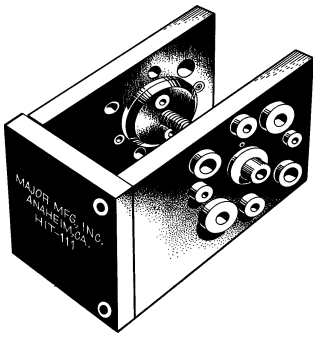
This cylinder accessory kit contains an assortment of popular hardened cylinder gards, plus sylinder collars molded from an "Engineered Plastic". This kit is packed in a handy plastic box and part numbers are identified for reordering. The kit contains the following:

Item#	Description	Qty
CCA-332	3/32" Collar-Alum	6
CCA-532	5/32" Collar-Alum	6
CCA-732	7/32" Collar-Alum	6
CCA-932	9/32" Collar-Alum	6
CCB-332	3/32" Collar-Brass	6
CCB-532	5/32" Collar-Brass	6
CCB-732	7/32" Collar-Brass	6
CCB-932	9/32" Collar-Brass	6
CCD-332	3/32" Collar-Duranodic	6
CCD-532	5/32" Collar-Duranodic	6
CCD-732	7/32" Collar-Duranodic	6
CCD-932	9/32" Collar-Duranodic	6
CGA	Cylinder Gard - Alum	2
CGD	Cylinder Gard - Dura	2
CG3	Cylinder Gard - Brass	1
WW-10	Wave Washer	



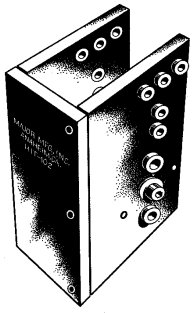
#HIT-2 MULTI-PURPOSE NUT DRIVER

For use on Schlage Rhodes, Schlage Rhodes Interchangable Core, Assa Brooklyn, Arrow, Sierra, Sargent LN, NT Falcon & Omnilock.



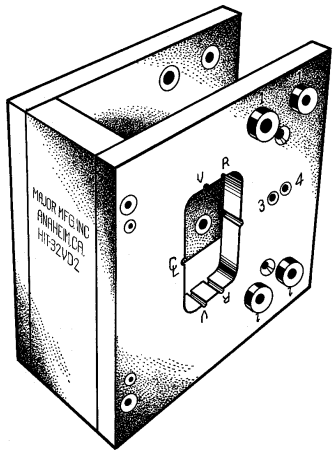
#HIT-111 DRILL GUIDE

This versatile drill guide for retrofit jobs has a multipurpose jig used on both wooden or metal doors to retrofit cylindrical lever locks by Assa, Arrow, Corbin, Sargent Grade 1, Schlage, Russwin and many more. It is your all-around toll for a ADA mandated lever handle locks.
Fits 1-3/8" to 2" doors with standard 2-3/4" backset or 3-3/4" and 5" backset doors with the HIT-BAK.



#HIT-104 DRILL GUIDE FOR ILCO UNICAN 4000 SERIES PUSH BUTTON LOCK

Retrofitting a standard 2-1/8" hole to accept an Unican 4000 series pushbutton lock. Standard unit will accomodate doors up to 2" thick.



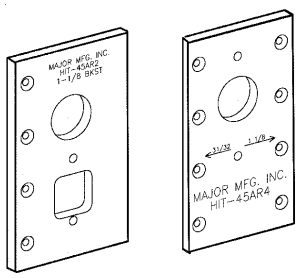
#HIT-32VD2 DRILL GUIDE FOR VON DUPRIN 22 SERIES PANIC HARDWARE

Designed to accurately install Von Duprin 22 series panic hardware in a minimum amount of time. The unit can be used for both rim and vertical devices to be mounted on single doors or double doors with the use of a mullion. Will work on doors up to 2" thick.



#HIT-451 BASIC INSTALL KIT FOR ADAMS RITE LOCKS

This kit contains all the templates required to start installing Adams Rite locks. All that is needed is a router and basic tools. Included with the kit at no charge is an assortment of popular aluminum door security products.

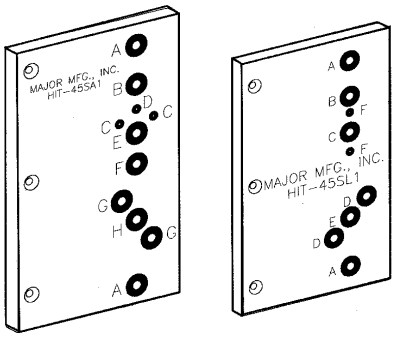


ALUMINUM DOOR TEMPLATES FOR ADAMS RITE LOCKS

#HIT-45AR2 - Use to route cylinder and indicator holes for locks with 1-1/8" backset. Will also locate indicator mounting holes with hardened drill guides.

#HIT-45AR4 - Route cylinder and handle or paddle holes for locks and latches with a 31/32" or 1-1/8" backset. Will also locate mounting holes for handles and paddles with hardened drill bushings.

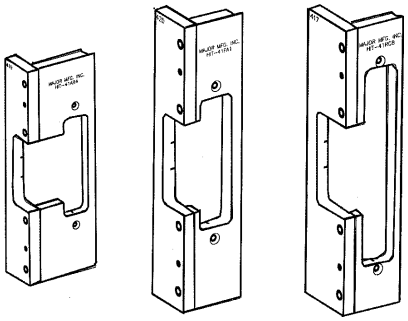
#HIT-45AR7 - Router template for Adams Rite 4550 Deadlock Lever. Template has four hardened drill bushings locating screw mounting holes, router template opening for 4550 indicator and lever cam. May be used to route cylinder opening on outside of door. For use with 1-1/8" backset locks only.



MORTISE LOCK TEMPLATES

#HIT-45SA1- Prep wooden or metal doors for Sargent 8100 and 8200 series mortise lock with this template. All hole locations are lined with hardened drill bushings. Larger holes required for cylinders or spindles are first located and drilled with a 1/4" dia hole.

#HIT-45SL1 - This template is for installing Schlage L locks. All holes needed for cylinders, posts, spindles, etc are located with hardened drill bushings. Larger holes are first located and drilled with a 1/4" dia hole.



TEMPLATES FOR INSTALLING ELECTRIC STRIKES IN ALUMINUM DOORS & FRAMES

#HIT-41AR4 - Router template used to install an Adams Rite 7100 & 7300 series electric strike in a 4" or 4-1/2" center hung aluminum frame. Faceplate size is 1-1/4" x 4-7/8". Be sure jamb will accept depth of the strike prior to routing. Glass pocket in center hung frame may not have enough clearance to allow installation.

#HIT-41AR1 - Used to install Adams Rite 7100 & 7300 Series 4-7/8" ASA Strike. Faceplate size 1-1/4" x 4-7/8".

#HIT-41AR2 - Used to install Adams Rite 7130 and 7330 Series strike. The 7130 Strike is used opposite an Adams Rite latch when replaceing a MS Series deadbolt.

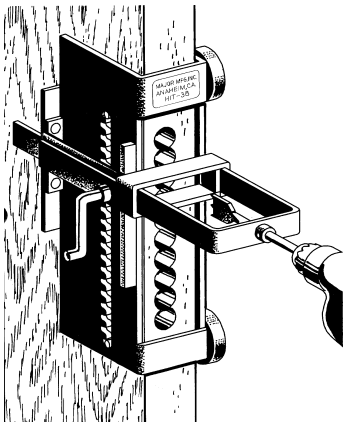
#HIT-45RB4 - Special single flute 1/4" dia. down shear router bit used to route openings in aluminum doors & frames.

#HIT-41FA1 - Router template for use with Folger Adam 201 series electric strike. Faceplate size is 1-1/4" x 4-7/8" with round corners. Mounts to door or frame with self-drilling screws (supplied). For use on offset hung aluminum doors and frames only.

#HIT-41FA2 - Router template for use with Folger Adam 205 series electric strike. Faceplate size is 1-1/4" x 6-7/8" with round corners. This strike is used when removing a deadbolt lock and replacing it with a deadlatch. The larger faceplate covers the long opening left by the deadbolt strike. Mounts to door or frame with self-drilling screws (supplies) For use on offset hung aluminum doors and frames only.

#HIT-41RC6 - Router template for Rutherford 4104, 5104 & 7104 electric strikes in aluminum frames. Will fit other Rutherford 4-7/8" strikes.

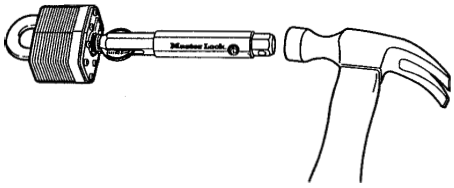
#HIT-41RC8 - Router template for Rutherford 4107, 5107 & 7104 electric strikes in aluminum frames. Will fit other Rutherford 6-7/8" strikes, check manufacturers catalog for strike dimen-



#HIT-38 SPEED MORTISER

The basic HIT-38 Speed Mortiser will prepare the required mortise cavity using a series of drilled plunge cuts followed by several up and down cleanup passes with the drill bit. Tool is fully adjustable for mortise height, with three bit sizes available to accomodate common mortise widths. Tool is designed to center on 1-3/8" and 1-3/4" doors.

MASTER LOCK



#376 HAND-HELD KEYING TOOL

Produces custom-pinned locks in minutes. Keying tool for on-site use with universal pin padlocks.

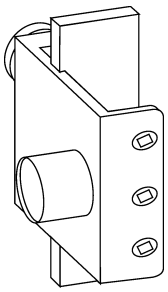
#0290-0371
KEY CUT GAUGE FOR FLAT BACK KEYS

#0290-0372
CYLINDER ASSEMBLY TOOL

#0290-0630
SET OF DEPTH KEYS FOR #s: 1, 2, 3, 4, 5, 6, 15, 17, 21, 24, 25 & 27 LOCKS

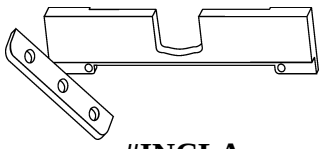
#0290-0631
SET OF DEPTH KEYS FOR #s: 81 & 82 Locks

PRO-LOK



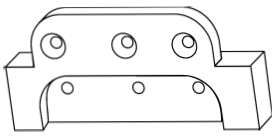
#INCL UNIVERSAL CLAMP

Holds all PRO-LOK's specialty templates without damage to the door's finish. Complete with an easy to use 1-1/2" sure-grip knob. Designed to align templates on a 1-3/4" door with a 2-3/4" backset.



#INCLA BACKSET ADAPTER

This is designed to align the templates on a 1-3/4" door with a 2-3/4" backset. The INCLA adapts the INCL to align the templates on a 1-3/8" door and also align the template with a 2-3/8" backset.

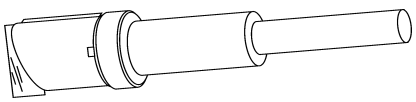


#INEXT3 BACKSET ADAPTER

Use with INCL to prep door for 3-3/4" backsets

#INEXT5 BACKSET ADAPTER

Use with INCL to prep door for 5" backsets.

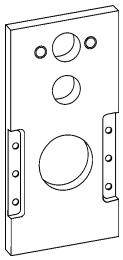


#INBIT ROUTER BIT

May be used with all templates, but especially designed for use with IN30 for installing the popular Von Duprin 99 series exit devices. Works with a plunge router and applications.

INSTALLATION TEMPLATE APPLICATION CHART

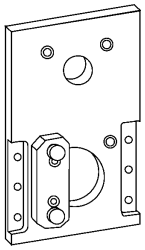
MAKE	MODEL	IN#	MAKE	MODEL	IN#
Alarm Lock	Trilogy	IN10	NT Falcon	T-Series	IN20
Alarm Lock	Trilogy T-2	IN15	NT Monarch	18 Series	IN318
Arrow	Sierra H-Series	IN75	Precision	11 Series	IN311
Authority	8160 Series	IN20	PDQ	SP-Series	IN20
Baldwin	Mortise Locks	IN65	S. Parker	8161 Series	IN20
Best	7K Series	IN20	Schlage	D - Series	IN20
Best	9K Series	IN79	Schlage	H - Series	IN60
Corbin/Russwin	800 Series	IN70	Schlage	L - Series	IN50
Corbin/Russwin	CL3400 Series	IN70	Schlage	Rhodes	IN20
Cal-Royal	Pioneer Series	IN78	Sargent	10 Line	IN75
ILCO	4000 Series	IN12	Sargent	6500 Line	IN78
ITEK	Grade 1 Levers	IN78	Simplex/Trilogy	1000 Series	IN10
Lockwood	8000 Series	IN20	Taco	Grade 1 Levers	IN78
LSDA	LX1000 Series	IN78	US Lock	2000 Series Levers	IN78
Marks	195-Series	IN78	Von Duprin	99 Series	IN30
Marks	295-Series	IN78	Von Duprin	9927	IN40/IN30/INBIT
Medeco	Embassy 17 Ser	IN20	Yale	5400L	IN20
Medeco	Embassy 19 Ser	IN78	Yale	AU/PB	IN77



#IN10

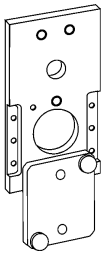
Preps doors for Simplex 1000 series and Trilogy push button locks.

#IN10R - Reverse side of door.



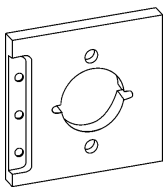
#IN12

Preps doors for ILCO 4000 Series.



#IN15

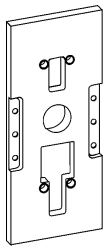
Preps doors for Trilogy, T-2 Series locks.



#IN20

Preps doors for various popular lever locks. Ideal for retrofitting where olympiads are installed

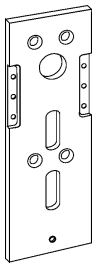
#IN20BL - 5-1/2" h x 5" w



#IN30

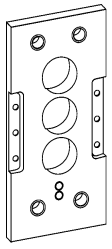
Preps doors for 99 Series exit devices includes trim preps for thumb piece, rim, lever, knob and cylinder.

#IN30BL - Blank template 12" h x 5" w



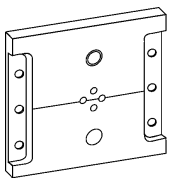
#IN311

Preps doors Precision #11 exit devices. Works with any door and accomodates gap between door & frame.



#IN318

Preps doors for Monarch #18 exit devices. Works with any door and accomodates gap between the door & frame.

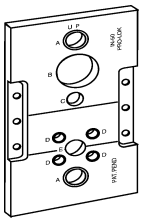


#IN40

Preps doors for top and bottom latch units and guide brackets.

#IN40R - Preps reverse side of door.

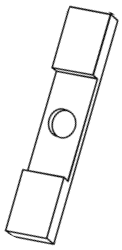
MISC TOOLS LOCKSMITH



#IN50

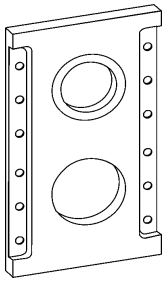
Preps doors for Schlage L series locks.

#IN50R - Preps for reverse side of door.
#IN50BL - 8-1/2"h x 5"w blank template



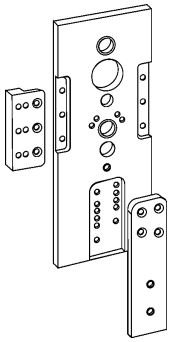
#IN51

Mortise lock pocket center. Use with IN50 to center template on a door with the mortise pocket already cut out.



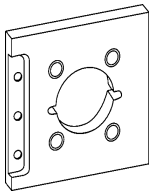
#IN60

Preps doors for Schlage H Series locks. Comes with IN61 Disk adaptor to bore either 2-1/8" or 1-1/2" holes.



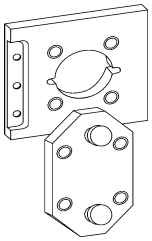
#IN65

Preps doors for Baldwin mortise locks. Use with all popular handle designs. Includes backset spacer.



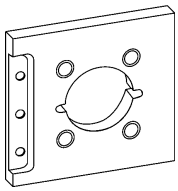
#IN70

Preps doors for Corbin / Russwin 3400/3800 series lever locks.



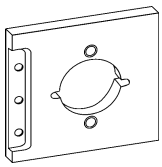
#IN75

Preps doors for Arrow & Sargent heavy-duty grade 1 lever locks.



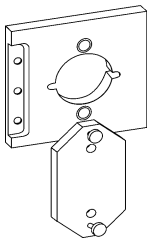
#IN77

Preps doors for Yale heavy-duty AU/PB series lever locks.



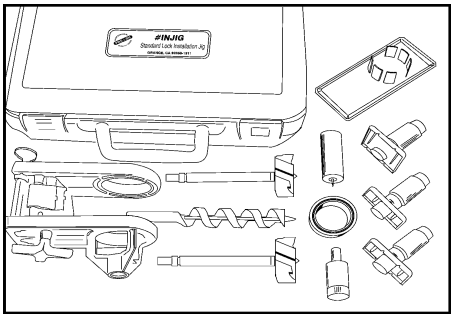
#IN78

Preps doors for various heavy duty lever locks. Allows you to drill the 2-1/8" body prep and the post holes at 12 & 6 o'clock.



#IN79

Preps doors for heavy duty Best 9K lever lock. Allows you to drill the post holes at 12 & 6 o'clock.



#INJIG STANDARD LOCK INSTALLATION JIG

Kit includes jig, both 2-1/8" & 1-1/2" cross-bore spur bits, 1" edge-bore bit, strike locator, 3 different latch and faceplate mortise tools, unique deadbolt height gauge and custom molded case.

REPLACEMENT PARTS

#INJIG-100 - Maximum Security Mortiser
#INJIG-102 - Latch Mortiser
#INJIG-104 - Full Lip mortiser
#INJIG-106 - Quick Change Adapter
#INJIG-108 - Lock Jig
#INJIG-110 - 1-1/2" Backup Ring
#INJIG-112 - Deadbolt Height Gauge
#INJIG-114 - Carrying Case
#INJIG-116 - Strike Locator
#INJIG-118 - 1-1/2" Multi-Spur Bit
#INJIG-120 - 2-1/8" Multi-Spur Bit
#INJIG-122 - 1" Auger Bit



#INJIG-MORT MORTISE LOCK INSTALLATION JIG

Kit includes carrying case, aluminum housing with hardware, 3 cutters, self-centering action, stops, long boring shaft (greater depth than any router) and instructions.

REPLACEMENT PARTS

Wood Cutters

#INJIG-MORT-WB16 - 5/8" bit size
#INJIG-MORT-WB18 - 11/16" bit size
#INJIG-MORT-WB19 - 3/4" bit size
#INJIG-MORT-WB21 - 13/16" bit size
#INJIG-MORT-WB22 - 7/8" bit size
#INJIG-MORT-WB24 - 15/16" bit size
#INJIG-MORT-WB25 - 1" bit size
#INJIG-MORT-WB27 - 1-1/16" bit size
#INJIG-MORT-WB32 - 1-1/4" bit size

Aluminum Cutters

#INJIG-MORT-AB19 - 3/4" bit size
#INJIG-MORT-WB16 - 1" bit size
#INJIG-MORT-WB16 - 1-1/4" bit size

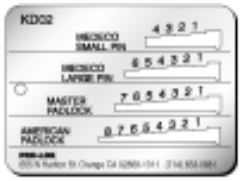
Parts

#INJIG-MORT-HK - Aluminum Housing w/ Hardware
#INJIG-MORT-SS - Short Boring Shaft (up to 3-1/2" deep)
#INJIG-MORT-LS - Long Boring Shaft (up to 6" deep)
#INJIG-MORT-GS - Set of Allen Set Screws
#INJIG-MORT-CC - Carring Case



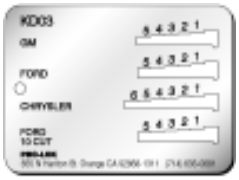
#KD01

Key decoder for Kwikset, Schlage, Weiser & Weslock



#KD02

Decoder for Medeco small pin, Medeco large pin, Master Padlock & American Padlock



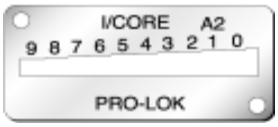
#KD03

Decoder for GM, Ford Chysler & Ford 10-cut



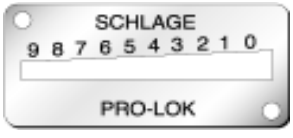
#KD98

Decoder for ASSA



#KDIC

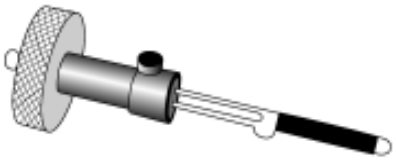
Decoder for Best/Falcon & other I/C keys using standard A2 increments



#KDSC

Decoder for allschlage & other (Schlage type) keys using

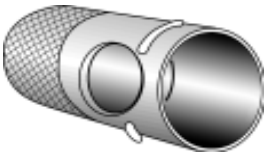
AUTOMOTIVE TOOLS



#LT115
THE UNLOCKER

Used to pick the vast majority of after market steering wheel locking bars.

#LT115P - Replacement pick for LT115



#LT216
STRAMER REMOVER TOOL

Removes the lock plate retainer ring on the GM "Square Column" vechiles.



#LT410
CLIP-ZIP DOOR PANEL TOOL

Removes clips on the door panel without damage. Separates door panel from door body without damage to panel or clip.



#LT450
FACE CAP REMOVAL PLIERS

Remove face caps from domestic and foreign auto locks safely and trouble-free.



#LT460
WINDOW CRANK TOOL

Slips behind window crank and removes spring clip.



#LT700
STANDARD IMPRESSIONING TOOL

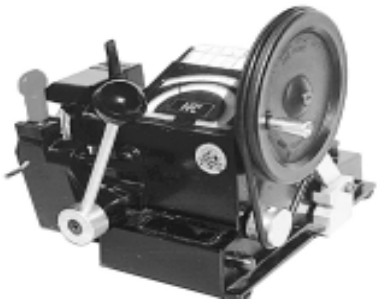
Impression tool for pin tumbler and wafer locks using a true centerline action.



#LT740
FACE CAP CLINCHER TOOL

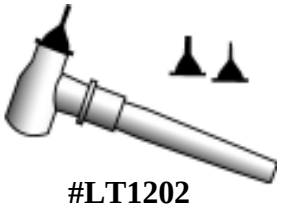
Quickly and easily crip the tabs on replacement auto lock caps of GM, Nissan, older Toyotas & others.

SHOP TOOLS



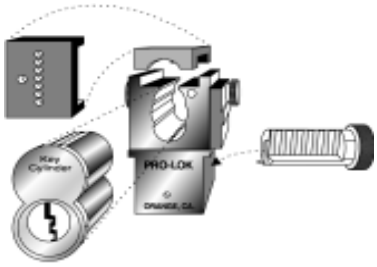
#LT1200
4pc 1200CM UPGRADE KIT

Double the spped of the HPC1200CM key machine with this kit. Contains #LT1200DP Depth Cam Feed, #LT1200FG Flip Gauge, #LT1200KS Key Stop, & #LT1200SP Quick Spacer. (Parts are available separately.)



#LT1202
LOCK & SAFE SCOPE

This scope is made of impact-resistant plastic. Comes with 3 tips, carrying case, batteries, and bulb. (**#LT1202B** - Replacement bulb)



#LT340
IC REYKEY/DECODER DUMP TOOL

Holds the key cylinder and provides a place to dump the pins for decoding or disposal. Also acts as a holding fixture for rekeying.

#LT341 - IC Reykeying Ejector Pin - Pushes caps, springs and pins into the removable inspection plug or empty plug chamber.

#LT342 - IC Reykeying Staking Pin - Used on cylinders with chamber caps.



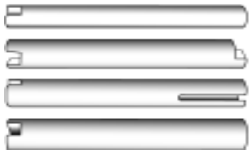
#LT300
KEYCHECK

Ideal tool to train on key blank identification. Forms & holds the keyway on any sample key & allows you to match the right blank every time.



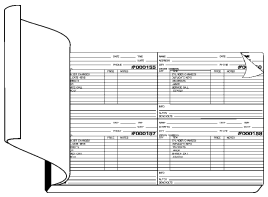
#LT370
FOLLOWER MASTER PIN

Can be used for removal of upper chamber master pins (up to 1000 with a quik twist). Can also be used for standard rekeying



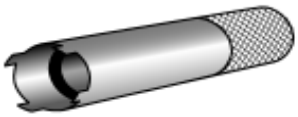
#LT371
FOLLOWER SET - 4pc

Four different colored aluminum follower tools to easily identify diameter. Two standard size followers, one small and one large diameter. (Also available separately: #LT371-395 - .395 dia small; #LT371-495 - .495 dia standard; #LT371-500 - .500 dia standard; #LT371-555 - .555 dia large)



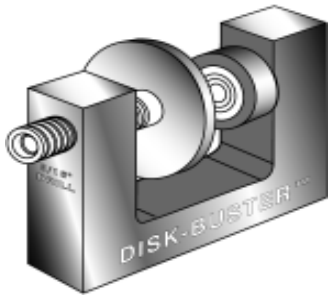
#LT430
SERVICE CALL DISPATCH BOOK

Three-copy NCR with wrap-around cover. 200 tickets per book - individually numbered.



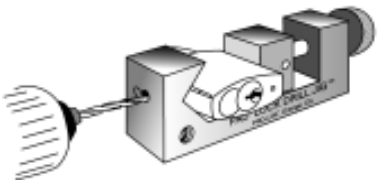
#LT500
RHODES NUT TOOL

Aluminum tool replaces plastic nut driver that comes with the Rhodes locks. Ideal for high volume retrofit jobs.



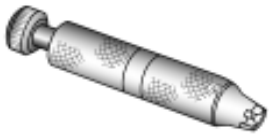
#LT605
THE DISKBUSTER™

Secures disk-style padlocks in a vise to drill the shear line quickly and safely.



#LT612
PADLOCK DRILL JIG

Drill jig securely clamps rekeyable padlocks to drill for the retainer screw or pin. Padlock can be reused by tapping and inserting screw in hole using optional attachment #LT612DG



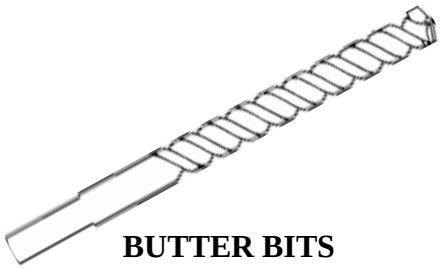
#LT705
TUBULAR IMPRESSIONING TOOL

Aluminum impressioning tool for 7-pin center tubular locks. Corrosion resistant aluminum alloy. Attractive blue anodized finish. Use with LT705 file only. (#LT705F - File)



#LT9505
FIRE CABINET LOCK

Self contained trip lever cylinder lock assembly fits glass fire cabinet doors. Keyed alike LL24.

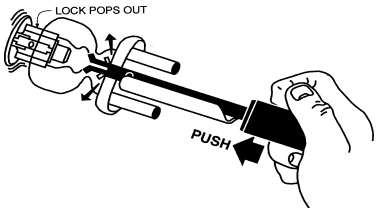


BUTTER BITS

May be used on safes and other materials that are difficult to drill such as concrete stainless steel etc.

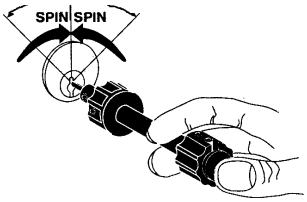
#SB01 - 3/16" x 3-1/2"	#SB15 - 3/8" x 5"
#SB02 - 3/16" x 6"	#SB16 - 3/8" x 8"
#SB05 - 1/4" x 4"	#SB17 - 3/8" x 12"
#SB06 - 1/4" x 6"	#SB20 - 1/2" x 6"
#SB11 - 5/16" x 5"	#SB21 - 1/2" x 12"
#SB12 - 5/16" x 8"	

RYTAN



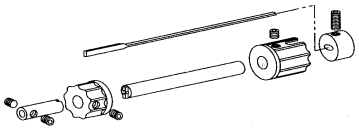
#RY36
KWIKSET CYLINDER TOOL

This tool pops the cylinders out of popular "400" Series knob locks in a jiffy. The self-aligning design insures that the expanding tips come in direct contact with the locks retainer clips every time.



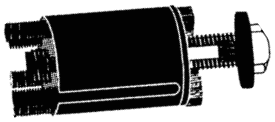
#RY57
PLUG SPINNER

When a lock resists picking but will pick in the opposite direction, the best solution is to spin the plug backpast the shear line and over to the open position. This tool will do the job for you with a simple push of a button.



#RY57RB
REPLACMENT BLADES FOR #RY57 PLUG SPINNER

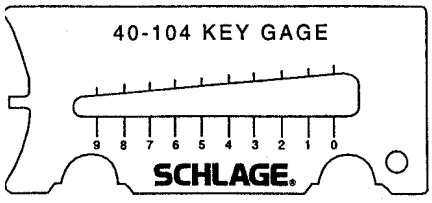
Available in packages of 5.



#RY23
ROTO-PULLER, UNIVERSAL STEERING WHEEL PULLER

Universal steering wheel puller for Dodge, GM, Ford and AMC. Telescopic and non-telescopic models. Three sizes of threaded bolts installed in the tool insures you have the right size when on the job.

SCHLAGE



#40-104
KEY GAUGE
(All Schlage Keys except SFIC)

#40-066
PRIMUS PLUG HOLDER

#40-116
SHELL LOADING TOOL

#40-109C
CUT KEY SET

SIEVEKING PRODUCTS



SQUEEZE PLAY

Hollow Metal Door Mortiser.

WEISER



WEISER SHIM- PICK TOOL



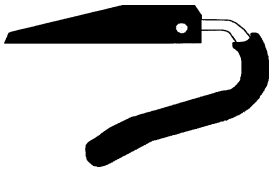
Weiser Cylinder Cap Remover Tool
(Used when Rekeying Cylinder)

WEDGECO



BROKEN KEY EXTRACTOR KIT

These 2 in 1 pliers are longer & thinner & hold open shutters & tumblers for broken key removal on all auto ignition & door locks. Tip has tiny teeth for holding the smallest master pins.



#3000
2-in-1 WINDOW WEDGE DOOR PANEL REMOVAL TOOL

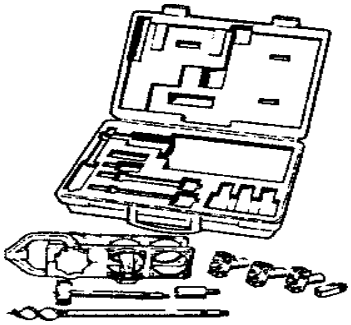
PLEASE NOTE:

We carry a complete line of car opening tools and, as of the catalog printing, all the latest tools are shown.

HOWEVER, when ordering picks, pick sets, car opening tools and some books, due to the nature of these tools, don't be offended when the order taker asks you for some type of identification for our records.

Acceptable identifications include: Student ID#, Locksmith Ledger Bond#, A.L.O.A., Business Card, etc.

WEISER



#1283
INSTALLTION TOOL KIT
Includes #1482, 1483, 1599, 1963, A8925 & A8930



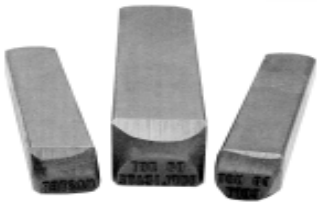
#1482
2-1/8" MULTI-SPUR BIT

#1421
PLUG FOLLOWER

#1425
SHIM PICK

#1029
CYLINDER CAP TOOL

YOUNG BROS. STAMP WORKS INC.



LOCKSMITH SERIES
Stamps

#01MASTER - "MASTER" stamp 1/16"
#02MASTER - "MASTER" stamp, 3/32"
#01DNC - "DO NOT COPY" stamp, 1/16"
#02DNC - "DO NOT COPY" stamp, 3/32"
#01DND - "DO NOT DUPLICATE", 1/16"
#02DND - "DO NOT DUPLICATE", 3/32"



STEEL LETTERS & FIGURES
Machine Made

Each stamp has one thumb groove. Fine quality steel, special heat treatment. Sharp characters in gothic style insure deap, clear impressions. Crown hammer end. More marks per dollar.

LETTER SETS
#01271 - 1/16" ltr, 1/4" shank is 2-3/8" long
#02271 - 3/32" ltr, 1/4" shank is 2-3/8" long
#03271 - 3/32" ltr, 1/4" shank is 2-3/8" long
#08271 - 3/8" ltr, 1/2" shank is 2-7/8" long
#09271 - 1/2" ltr, 5/8" shank is 3-3/8" long

FIGURE SETS
#01091 - 1/16" ltr, 1/4" shank is 2-3/8" long
#02091 - 3/32" ltr, 1/4" shank is 2-3/8" long
#03091 - 1/8" ltr, 1/4" shank is 2-3/8" long
#06091 - 1/4" ltr, 3/8" shank is 2-5/8" long
#08091 - 3/8" ltr, 1/2" shank is 2-7/8" long
#09091 - 1/2" ltr, 5/8" shank is 3-3/8" long



STEEL LETTERS & FIGURES
Hand Cut

Each stamp has one thumb groove and character identificatino. Individually inspeted character with hand group taper assures quality impression. Fine quality steel, special heat treatment. Gothic style. Crown hammer end.

LETTER SETS
#07272 - 5/16" ltr, 7/16" shank is 2-7/8" long

FIGURE SETS
#07092 - 5/16" ltr, 7/16" shank is 2-7/8" long

NOTES

ASP



Item #	Description
ASP B-16-105	Nissan Trunk Lk 1982-UP
ASP B-16-108	Nissan Trunk Lk 87-UP SENTRA
ASP B-16-305	Nissan Door/Trunk Plug 1982-UP
ASP B-30-126	Toyota Trunk Lk 83+ X137 Key
ASP B-30-127	Toyota Trunk Lk X37
ASP B-30-129	Toyota Trunk Lk 87-89 Camry
ASP B-30-132	Toyota Trunk Lk 88-92 Corolla
ASP B-30-133	Toyota 88-92 Trunk Lk X174
ASP C-16-106	Datsun Ign Lg Type (X6)
ASP C-16-107	Datsun Ign Lg Type (X7)
ASP C-16-110	Datsun Ign Short Type (X7)
ASP C-16-116	Datsun Ign Short Type (X6)
ASP C-16-123	Nissan Ign 1982-UP (X123)
ASP C-16-127	Nissan 1987 Ign Lk
ASP C-19-108	Honda Ign Lk (X128)
ASP C-19-109	Honda Ign Lk (X128)
ASP C-19-110	1988 Honda Civic Ign
ASP C-19-111	Honda Accord 90-91 Ign CYL
ASP C-19-112	Honda Accord 92-93 Ign CYL
ASP C-19-113	Honda Civic 92-95 Ign CYL
ASP C-20-108	Mazda SL10 Ign Svc Pkg (X131)
ASP C-20-208	Mazda SL-10 Ign Lk COMPLETE
ASP C-20-311	Mazda RX7 86-91 Ign Plug
ASP C-30-103	Toyota Ign Lk 1975-79 Celica
ASP C-30-106	Toyota Ign Lk 83-86 Camry X37
ASP C-30-107	Toy. Ign Lk 84-87 Corolla X137
ASP C-30-108	Toyota Ign 80-83 Corolla
ASP C-30-110	Toyota Ign 84-86 Pickup
ASP C-30-116	Toyota Ign 1987-88 Camry
ASP C-30-117	Ign Lk 1984-87 VAN T81B Key
ASP C-30-118	1988-92 Toyota Corolla Ign
ASP C-30-119	Celica-MR2-Tercel-Nova Ign
ASP C-30-120	Toyota Ign Lk 89-93 P/U
ASP C-30-129	Toyota Ign 92-93 Camry
ASP C-30-130	Toyota Corolla JAPAN Ign 93-96
ASP C-30-131	Toyota Corolla Ign USA 93-96
ASP C-31-104	VW Ign Lk X9 X88 Key
ASP C-36-101	Hyundai Excel Ign Lk CYL
ASP C-42-110	Ford Ign Lk AL1414
ASP C-42-117	UnCoded Ign Sm Ears Chromee
ASP C-42-120	Ford Ign FITS A/L 1413
ASP C-42-127	UnCoded Ign Sm Ears BLk
ASP C-42-130	Ford Ign Chromee
ASP C-42-137	UnCoded Ign Dome Type Chromee
ASP C-42-140	Ford Ign Lk
ASP C-42-147	UnCoded Ign Lg Ears BLk
ASP C-42-150	Ford Ign Coded LRG Ears Chromee
ASP C-42-157	UnCoded Ign Lg Ears Chromee
ASP C-42-167	UnCoded Ign CONTOUR MYSTIQUE
ASP C-42-193	1991-96 Escort/Tracer Manual
ASP C-42-194	1991-96 Escort/Tracer Auto
ASP C-42-406	Ford Ign
ASP C-42-407	Ford Ign
ASP C-42-409	Ford Ign
ASP D-16-106	Datsun Door Lk X123 Key
ASP D-16-206	Datsun Door Serv Pkg X12
ASP D-19-105	Honda Accord 1982-85 X128 Key

Item #	Description
ASP D-19-110	Honda Left door Lk 88-91 Civic
ASP D-19-111	Honda Right door Lk 88-91 Civic
ASP D-19-305	Honda X128/X129 Plastic Plug
ASP D-19-308	Honda X128/X129 Metal Plug
ASP D-19-309	Honda X128 Metal Plug Lg Face
ASP D-19-310	Honda X172 Door Plug
ASP D-20-101	Mazda Door Lk
ASP D-20-109	Ford Probe Lk
ASP D-20-110	Mazda door Lk 90-91 323 (X188)
ASP D-20-301	Mazda UnCoded Door Plug
ASP D-20-304	Mazda Door Lk Plug 88-UP
ASP D-22-110	1988-90 Galant/Mirage Door Lk
ASP D-29-106	Subaru Legacy Door Lk (LH)
ASP D-30-104	Toyota Door Lk 1978-83
ASP D-30-106	Toyota Door Lk 1984-UP
ASP D-30-107	Toyota Door Lk X37 Key
ASP D-30-108	Door Lk Corolla 1988-92
ASP D-30-109	Toyota Door Lk 92+ Camry RH
ASP D-30-110	Toyota Door Lk 92+ Camry LH
ASP D-30-112	Toyota Pickup 89-93 Door Lk
ASP D-30-114	Toyota Corolla 93-94 Door R
ASP D-30-115	Toyota Corolla 93-94 Door LH
ASP D-30-206	Toyota Door Serv Pkg X137
ASP D-30-207	Toyota Door Serv Pkg X37
ASP D-30-340	Toyota Corolla door Plug (X174)
ASP D-42-208	Ford EXPLORER RANGER Door SVC
ASP D-42-211	RH door Svc Pkg Taurus/Sable
ASP D-42-212	LH door Svc Pkg Taurus/Sable
ASP D-42-221	Door Svc Pkg Round CHR
ASP D-42-222	Door Svc Pkg Ford Round BLk
ASP D-42-291	door Svc Pkg 91-93 ESCORT ETC.
ASP D-42-302	Door Plug UnCoded 10-TUM. Ford
ASP DP-16-106	Nissan Door Lk pr 82-UP X123
ASP DP-20-101	Mazda Door Lk pr X26/X131
ASP DP-30-106	Toyota Door Lk pr X137
ASP DP-30-107	Toyota Door Lk pr X37
ASP F-00-501	Ign Lk SHEAR HEAD BOLTS
ASP P-16-105	Datsun Lk SPRING
ASP P-16-161	Nissan X/Y Tumbler #1
ASP P-16-162	Nissan X/Y Tumbler #2
ASP P-16-163	Nissan X/Y Tumbler #3
ASP P-16-164	Nissan X/Y Tumbler #4
ASP P-16-204	Datsun Face Cap
ASP P-16-205	Datsun Face Cap
ASP P-19-202	Honda Face Cap
ASP P-20-201	Mazda Face Cap
ASP P-20-204	Mazda Face Cap
ASP P-20-206	Mazda Face Cap (LgR)
ASP P-20-209	Ford Probe 1989 Face Cap Mazd
ASP P-20-211	Mazda/Ford Face Cap (LgST)
ASP P-20-212	Mazda BLk Face Cap (LgST)
ASP P-20-216	Mazda Face Cap
ASP P-20-231	Mazda DUST COVER ASSEMBLY
ASP P-30-141	Toyota Tumbler #1
ASP P-30-142	Toyota Tumbler #2
ASP P-30-143	Toyota Tumbler #3
ASP P-30-144	Toyota Tumbler #4

ASP

Item #	Description
ASP P-30-161	Toyota Wafer #1 (X174)
ASP P-30-162	Toyota Wafer #2 (X174)
ASP P-30-163	Toyota Wafer #3 (X174)
ASP P-30-164	Toyota Wafer #4 (X174)
ASP P-30-201	Toyota Face Cap
ASP P-30-202	Toyota Face Cap
ASP P-30-205	Toyota Face Cap
ASP P-30-208	Toyota Face Cap Repl P-30-203
ASP P-30-209	Toyota Face Cap Repl P-30-207
ASP P-30-211	Toyota Face Cap LgR
ASP P-30-215	Toyota Cap BLk VERS P-30-211
ASP P-30-217	Toyota/MITSUBISHI Face Cap
ASP P-30-218	Toyota/GEO Face Cap BLk
ASP P-32-201	Volvo Face Cap
ASP P-42-201	US Ford Face Cap/ Round Chrome
ASP P-42-202	US Ford Face Cap/ Round BLk
ASP P-42-211	Ford Taurus Door Cap RH
ASP P-42-212	Ford Taurus Door Cap LH
ASP P-42-231	Shutter Assy 10-TUM Ford Chrome
ASP P-42-232	Shutter Assy 10-TUM Ford BLk
ASP P-42-301	Door T.PIECE 10-TUM Ford Right
ASP P-42-302	Door T.PIECE 10-TUM. Ford Left
ASP P-42-303	10-CUT Door PAWL RH & L

ESP

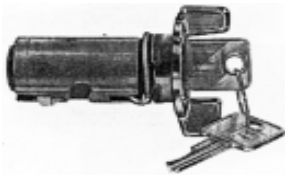


AUTO REPLACEMENT FACE CAPS

These stainless steel chrome caps are exact replacements for original Briggs & Stratton lock cylinders. All caps feature metal crimping tabs.

#ST-1 - Replaces B&S #320395 (standard)
#ST-2 - Replaces B&S #320969 (optic)

ALL LOCK



#1428 IGNITION LOCK CYLINDER

Cylinder with two keys. Used on column wtih retaining bolt. Replaces GM 7833759, 7830380, 12300443: Delco D-1435-C; Jeep 5502601, 83501971. Available in uncoded. GM Products 1977-96 & AMC/Jeep Products 1985-93

AUTOMOTIVE LOCKS

Item#	Description
ALL1349	Toyota Ign.
ALL1349U	Toyota Ign.
ALL1353	Ign Jimmy Blazer W/AT Blk
ALL1353U	GM Uncoded Univ Kwy
ALL1354	Ign Jimmy Blazer W/MT Blk
ALL1354U	GM Uncoded Univ Kwy
ALL1355	1993-97 Chrysler Ign
ALL1355U	1993-97 Chrysler Univ
ALL1357	Honda Ign.
ALL1357U	Honda Ign.
ALL1358	Honda Ign.
ALL1358U	Honda Ign.
ALL1359	Saturn Ign.
ALL1359U	Saturn Ign.
ALL1388	Nissan/Datsun Ign.
ALL1388U	Nissan/Datsun Ign.
ALL1389	Nissan/Datsun Ign.
ALL1389U	Nissan/Datsun Ign.
ALL1390	Toyota Ign.
ALL1390U	Toyota Ign.
ALL1400	Ford Ign. 38-66
ALL1401	Ford Ign. 60-77
ALL1402	Ford Ign. 65.79
ALL1406	Ford Ign. 76-91
ALL1407	Ford Ign. 78-93
ALL1408	Ford Ign. 81-83
ALL1409	Ford Ign. 78-93 Blk
ALL1410	Ford Ign. 83-89
ALL1411	Ford Ign. 83-89 Blk
ALL1412	Ford Ign 10-bit Blk 83-89
ALL14	Ford Ign 10-bit Blk 85-94
ALL14	Ford Ign 10-bit 85-91
ALL14	Ford Ign 10-bit 90-95
ALL1416	Ford Ign 10-bit 90-95 Blk
ALL1417	Ford Ign 10-bit 93-94 Blk
ALL1418	Ford Ign 10-bit 93-94
ALL1426	GM Col W/O RET Bolt
ALL1426U	GM Uncoded Univ
ALL1428	GM Col W/RET Bolt
ALL1428U	GM Uncoded Univ

AUTOMOTIVE LOCKS (continued)

Item#	Description
ALL1429	GM COL W/O RET Bolt-Blk
ALL1429U	GM Uncoded Univ Kwy
ALL1430	GM COL W/RET Bolt-Blk
ALL1430U	GM Uncoded UnivERSAL Kwy
ALL1436	GM 93-95 W/Tilt wheel
ALL1436U	GM Uncoded UnivKwy
ALL1437	GM 93-95 W/Tilt wheel Blk
ALL1437U	GM Uncoded Univ Kwy
ALL1438	Ford Ign 10-bit 93-96
ALL1439	Ford Ign 10-bit 93-96 Blk
ALL1445	Chrysler Ign.
ALL1446	1967-91 Chry Ign w/o tilt
ALL1446U	1967-91 Chry Uncoded
ALL1447	1986-90 Chry Ign w/o tilt
ALL1448	1986-90 Chry Ign Blk
ALL1449	1986-90 Chrysler Ign
ALL1450	1986-90 Chry Ign Blk
ALL1450U	1986-90 Chry Uncoded
ALL1451	1990-94 Chrysler Ign
ALL1451U	1990-94 Chry Ign Uncoded
ALL1453	1990-94 Chry Blk Ign
ALL1453U	1990-94 Chry Ign Uncoded
ALL1460	VOLKSWAGON Ign.
ALL1470	Nissan/Datsun Ign.
ALL1470U	Nissan/Datsun Ign.
ALL1471	Nissan/Datsun Ign.
ALL1471U	Nissan/Datsun Ign.
ALL1472	Nissan/Datsun Ign.
ALL1472U	Nissan/Datsun Ign.
ALL1475	Toyota Ign.
ALL1475U	Toyota Ign.
ALL1477	Toyota Ign.
ALL1477U	Toyota Ign.
ALL1478	Toyota Ign.
ALL1478U	Toyota Ign.
ALL1479	Toyota Ign.
ALL1479U	Toyota Ign.
ALL1483	Toyota Ign.
ALL1483U	Toyota Ign.
ALL1484	Mitsubishi Ign.
ALL1484U	Mitsubishi Ign.
ALL1486	Honda Ign.
ALL1486U	Honda Ign.
ALL1487	Toyota Ign.
ALL1487U	Toyota Ign.
ALL1489	Mazda Ign.
ALL1489U	Mazda Ign.
ALL1494	Honda Ign.
ALL1494U	Honda Ign.
ALL1495	Honda Ign.
ALL1496	Honda Ign.
ALL1500	1966-78 Chry Trunk
ALL1501	1973-89 Chry Trunk
ALL1502	Chry Non-Illum Door 66-90
ALL1532	1966-89 Chry Illum Door
ALL1549	Ford Door 1978-89
ALL1550	Ford Door 1961-80
ALL1552	Ford Trunk 1965-89

ALL LOCK

AUTOMOTIVE LOCKS (continued)

Item#	Description
ALL1553	Ford Trunk 1973-93
ALL1554	Ford Trunk 1975-91
ALL1573	Ford Trunk 1987-96
ALL1575	1960-96 GM Trunk LID Mnt
ALL1575U	1960-96 GM Uncoded Univ
ALL1576	1960-96 GM Trunk Body Mnt
ALL1576U	1960-96 GM Uncoded Univ
ALL1580	1953-96 GM DR Lock-Short
ALL1580U	1953-96 GM Univ-Short
ALL1581	1960-82 GM Door Lock-Lg
ALL1581U	1960-82 GM Univ-Lg
ALL1582	1971-96 GM Door Lock-Med
ALL1582U	1971-96 GM Univ-Med
ALL1589	Ford Door 1981-93
ALL1590	Ford Door 1979-91
ALL4700	Nissan/Datsun Door
ALL4700U	Nissan/Datsun Door
ALL4701	Nissan/Datsun Door
ALL4701U	Nissan/Datsun Door
ALL4708	Mazda Door
ALL4713	Honda Door Lock
ALL4713U	Honda Door Lock
ALL4715	Toyota Door
ALL4715U	Toyota Door
ALL4716	Saturn Door
ALL4716U	Saturn Door
ALL4725	Toyota Door
ALL4725U	Toyota Door
ALL4726	Toyota Door
ALL4726U	Toyota Door
ALL4727	Toyota Door
ALL4737	Toyota Door
ALL4737U	Toyota Door
ALL4766	Honda Door Lock
ALL4766U	Honda Door Lock
ALL4767	Honda Door Lock
ALL4767U	Honda Door Lock
ALL4776	Toyota Trunk
ALL4776U	Toyota Trunk
ALL4782	Nissan/Datsun Trunk
ALL4782U	Nissan/Datsun Trunk
ALL4783	Nissan/Datsun Trunk
ALL4783U	Nissan/Datsun Trunk
ALL4785	Toyota Trunk
ALL4785U	Toyota Trunk
ALL4786	Honda Trunk
ALL4786U	Honda Trunk
ALL4788	Toyota Trunk
ALL4788U	Toyota Trunk
ALL4805	Mitsubishi Trunk
ALL4805U	Mitsubishi Trunk
ALL4806	Saturn Trunk
ALL4806U	Saturn Trunk
ALL4807	Saturn Trunk
ALL4807U	Saturn Trunk
ALL4808	Saturn Trunk
ALL4808U	Saturn Trunk
ALL4809	Saturn Trunk
ALL4809U	Saturn Trunk
ALL4810	Toyota Trunk
ALL4810U	Toyota Trunk
ALL4812	Toyota Trunk
ALL4812U	Toyota Trunk
ALL4816	1990-92 Chry Door Set
ALL4817	1992-95 Chry Door Set
ALL4818	1989-91 Chry Trunk
ALL4819	1990-92 Chry Trunk
ALL4820	1993-95 Chry Trunk
ALL4825	Honda Door Lock
ALL4825U	Honda Door Lock
ALL4826	1993-95 Chry Door Set
ALL4831	Honda Trunk
ALL4831U	Honda Trunk
ALL6032RP	GM Retainer Clip

STRATEC Briggs & Stratton

AUTOMOTIVE LOCKS

Item #	Description
#608669	Ford Ign. Coded
#609530	GM Ign. Bolt Retained
#609630	GM Ign. Snap In
#607893	GM Ign. Snap In
#609485	Ford Ign. 5-Cut
#700510	Chry. Ign. Snap-In - Tilt
#700511	Chry. Ign. P/B Retainer

ABUS



#24/70 PADLOCK

2-3/4" diameter stainless steel body with stainless steel shackle

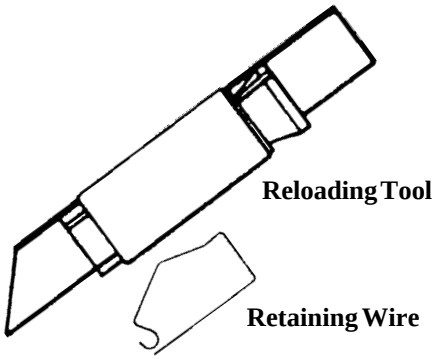
ALMONT



PADLOCKS

Available in 1-1/2" or 1-3/4" wide body

Item#	Description
ALM 1112L3	3" Steel Shackle
ALM 112-3	Schlage C O-Bitted
ALM 112-8	Weiser O-Bitted
ALM 1134B	7/8" Brass Shackle
ALM 1134L2	2" Steel Shackle
ALM 1134L3	3" Steel Shackle
ALM 1134L4	4" Steel Shackle
ALM 134-1	Yale 8 O-Bitted
ALM 134-2	Kwikset O-Bitted
ALM 134-3	Schlage C O-Bitted
ALM 134-30	Schlage C-K O-Bitted
ALM 134-8	Weiser O-Bitted



TOOLS

Item#	Description
ALM RL-1	Yale Reloading Tool
ALM RL-2	Kwikset Reloading Tool
ALM RL-3	Schlage Reloading Tool
ALM RL-8	Weiser Reloading Tool
ALM RT-112	1-1/2" Wire Retaining Tool
ALM RT-134	1-3/4" Wire Retaining Tool

AMERICAN LOCK



#1105
INDOOR/OUTDOOR SECURITY SOLID ALUMINUM

1-1/2" Wide, 5-pin rekeyable cylinder. Available in Keyed Alike (KA) or Keyed Different (KD). Colors: Blue, Dura, Green, Gold, Black, Red



SECURITY SOLID STEEL

#700 - 2-1/2" wide, 5-pin rekeyable cylinder. (KA or KD)

#701 - 2" long shackle (KA or KD)

#2000 - 2-7/8" diameter, die cast steel, 6-pin rekeyable cylinder. (KA or KD)

#5100 - 1-1/2" wide, 5-pin rekeyable cylinder. Sizes: 1", 1-1/2", 3" (KA or KD)

#5200 - 1-3/4" wide, 5-pin rekeyable cylinder. Sizes 1-1/8", 2", 3 (KA or KD)



#3560
BEST™ TYPE BRASS BODY SERIES PADLOCK

Accepts Best, Arrow, Falcon, Eagle & Lockwood cylinders. 1-3/4" wide x 3/4" thick. 1-1/8" shackle.



#RS410-CC
RESETTABLE COMBINATION SERIES

Zinc-plated laminated steel body with chrome-plated, hardened steel shackle. 3-dial, resettable combination feature. Carded only. 1-1/2" w X 5/8" thick. Shackle is 7/8" long x 1/4" diameter.

#7300
PROFESSIONAL SERIES

1-1/8" padlock comes KA or KD



HASPS

#535	Center Hole Hasp
#825	Straight Bar Hasp
#850	90% Angle Bar Hasp
#875	Single Hinge Hasp
#885	Double Hinge Hasp

MORE PADLOCKS

#3600K	1-3/4" Body- Kwikset kwy
#3600S	1-3/4" Body-Schlage kwy
#3600Y	1-3/4" Body-Yale kwy
#3700K	2" Body-Kwikset kwy
#3700S	2" Body-Schlage kwy
#3700Y	2" Body-Yale kwy

PADLOCK PARTS

#465801	4680200-700 Cover Plate
#468004	4680210 Cover Plate
#475801	4746010 Cyl. Nut
#475802	4761010 Retention Screw

CCL



SESAMEE® PADLOCKS

This rugged all-brass padlock, with case hardened steel shackle chrome plated to resist corrosion, may be used under all conditions with the assurance of giving long satisfactory service. It is particularly suited for outdoor use where complete safety is desired. Opening number is quickly and easily set and can be changed anytime by the owner. Full instructions furnished with each lock.

#K436 - Brass Finish - 1" shackle height, Hardened steel, Chrome plated.

#K437 - Brass Finish - 2-1/4" shackle height, Hardened steel, Brass, Chrome plated.



500 SERIES SESAMEE® RESETABLE COMBINATION PADLOCKS

Pressure cast body, 1" hardened steel shackle, black epoxy finish, 10,000 possible combinations. 1" shackle height.



GENERAL SECURITY

- Laminated Steel
- Reinforced laminated lock bodies
- Pin tumbler key security
- Hardened steel & alloy shackles for extra cut resistance
- Double locking mechanisms for extra pry resistance
- Proprietary rust proofing for longer life

1-1/8" Wide body, Shackle: 3/16" thick

Model#	Description	Shackle Vert Clearance
7	Keyed Diff	9/16"
7LF	Keyed Diff, Ex lg shackle	1-1/2"
7LJ	Keyed Diff, Ex lg shackle	2-1/2"
7KA	Keyed Alike	9/16"
7KALF	Keyed Alike, Ex lg shackle	1-1/2"
7KALJ	Keyed Alike, Ex lg shackle	2-1/2"

1-1/2" Wide body, Shackle: 9/32" thick

Model#	Description	Shackle Vert Clearance
3	Keyed Diff	3/4"
3LF	Keyed Diff, Ex lg shackle	1-1/2"
3LH	Keyed Diff, Ex lg shackle	2"
3KA	Keyed Alike	3/4"
3KALF	Keyed Alike, Ex lg shackle	1-1/2"
3KALH	Keyed Alike, Ex lg shackle	2"

1-3/4" Wide body, Shackle: 5/16" thick

Model#	Description	Shackle Vert Clearance
1	Keyed Diff	15/16"
1LF	Keyed Diff, Ex lg shackle	1-1/2"
1LH	Keyed Diff, Ex lg shackle	2-1/2"
1KA	Keyed Alike	15/16"
1KALF	Keyed Alike, Ex lg shackle	1-1/2"
1KALH	Keyed Alike, Ex lg shackle	2-1/2"

2" Wide body, Shackle: 3/8" thick

Model#	Description	Shackle Vert Clearance
5	Keyed Diff	1"
5LF	Keyed Diff, Ex lg shackle	1-1/2"
5LH	Keyed Diff, Ex lg shackle	2-1/2"
5KA	Keyed Alike	1"
5KALF	Keyed Alike, Ex lg shackle	1-1/2"
5KALH	Keyed Alike, Ex lg shackle	2-1/2"



PRO SERIES® HIGH SECURITY

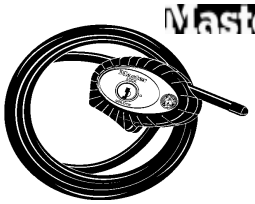
- Solid Iron Shroud
- Heavy steel bodies
- Dual deadbolt locking for extreme pry resistance
- 5-pin tumbler cylinders with special spool pin tumblers that are vertually impossible to pick
- Rekeyable - replaceable cylinder and shackle
- Proprietary rust proofing for longer life

2-1/8" Wide body, Shackle: 5/16" thick

Model#	Description	Shackle Vert Clearance
6321	Keyed Diff	3/4"
6321KA	Keyed Alike	3/4"
6321MK	Master Keyed (Alike of Diff)	3/4"
6321WO	Lock body & Shackle no cyl	3/4"
6321KZ	Zero Bitted	3/4"

2-3/8" Wide body, Shackle: 3/4" thick

Model#	Description	Shackle Vert Clearance
6325	Keyed Diff	3/4"
6325KA	Keyed Alike	3/4"
6325MK	Master Keyed (Alike of Diff)	3/4"
6325WO	Lock body & Shackle no cyl	3/4"
6321KZ	Zero Bitted	3/4"



#8413XDPF PYTHON™ ADJUSTABLE LOCKING CABLE

- Mechanism holds cable tight from 1' to 6' for ultimate flexibilty
- Removable, rekeyable cylinder
- 100% steel braided cable for cut resistance
- Weather tough aluminum lock body
- Vinyl cable sleeve and lock body bumper
- Compact storage with velcro strap to hold excess cable
- 6' x 3/8" adjustable locking cable (KD)



PRO SERIES® ALL WEATHER

- For extreme conditions & corrosive environments
- Exclusive cover protects lock from water, ice, dirt & grime
- Heavy steel bodies and hardened steel/boron alloy shackles
- 5-pin tumbler cylinders with special spool pin tumblers that are vertually impossible to pick
- Rekeyable - replaceable cylinder and shackle
- Proprietary rust proofing for longer life

2-1/8" Wide body, Shackle: 5/16" thick

Model#	Description	Shackle Vert Clearance
6121	Keyed Diff	1-1/8"
6121LJ	Keyed Diff, Ex lg shackle	2-3/8"
6121KA	Keyed Alike (LG-lg shackle)	1-1/8"
6121MK	Master Keyed (KA avail)	1-1/8"
6121WO	Lock body & shackle w/o cyl	1-1/8"
6121KZ	Zero bitted	1-1/8"

2-3/8" Wide body, Shackle: 3/8" thick

Model#	Description	Shackle Vert Clearance
6125	Keyed Diff	1-3/8"
6125LJ	Keyed Diff, Ex lg shackle	2-3/8"
6125KA	Keyed Alike (LG-lg shackle)	1-3/8"
6125MK	Master Keyed (KA avail)	1-3/8"
6125WO	Lock body & shackle w/o cyl	1-3/8"
6125KZ	Zero bitted	1-3/8"

2-5/8" Wide body, Shackle: 5/16" thick

Model#	Description	Shackle Vert Clearance
6127	Keyed Diff	1-3/8"
6127LH	Keyed Diff, Ex lg shackle	1-7/8"
6127LJ	Keyed Diff, Ex lg shackle	2-3/8"
6127KA	Keyed Alike (LG-lg shackle)	1-3/8"
6127MK	Master Keyed (KA avail)	1-3/8"
6127WO	Lock body & shackle w/o cyl	1-3/8"
6127KZ	Zero bitted	1-3/8"

PADLOCKS

Master Lock



GENERAL SECURITY REKEYABLES

- Padlock cylinder can be changed or rekeyed whenever security is compromised
- 5-pin tumbler cylinders for greater pick-resistance; thousands of key changes
- Locks accept all standard Master Lock padlock cylinders
- Hardened steel and alloy shackles for greater cut and saw resistance
- Double locking mechanisms provide extra pry resistance
- Proprietary rust proofing for longer life

1-3/4" Wide body, Shackle: 5/16" thick

Model#	Description	Shackle Vert Clearance
21	Keyed Diff	15/16"
21W1	Keyed Diff, 4-pin cyl	15/16"
21LF	Keyed Diff, Ex lg shackle	1-1/2"
21LJ	Keyed Diff, Ex lg shackle)	2-1/2"
21KA	Keyed Alike	15/16"
21KAW1	Keyed Alike, 4-pin cyl	15/16"
21KALF	Keyed Alike, Ex lg shackle	1-1/2"
21KALJ	Keyed Alike, Ex lg shackle	2-1/2"
21MK	Master Keyed (KA avail)	15/16"
21WO	Lock body & shackle w/o cyl	15/16"
21KZ	Zero bitted	15/16"

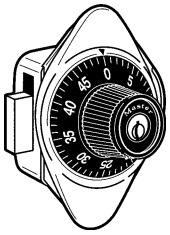
2" Wide body, Shackle: 7/16" thick

Model#	Description	Shackle Vert Clearance
27	Keyed Diff	1"
27LH	Keyed Diff, Ex lg shackle	2"
27KA	Keyed Alike	1"
27KALH	Keyed Alike, Ex lg shackle	2"
27MK	Master Keyed (KA avail)	1"
27WO	Lock body & shackle w/o cyl	1"
27KZ	Zero bitted	1"

3-1/4" Wide body, Shackle: 5/16" thick

Model#	Description	Shackle Vert Clearance
101	Keyed Diff	3"
101KA	Keyed Alike	3"
101MK	Master Keyed (KA Avail)	3"
101WO	Lock Body & Shackle w/o cyl	3"
101KZ	Zero bitted	3"

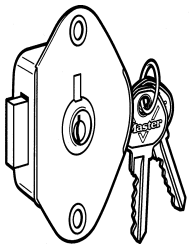
Master Lock



Requires end user information

#1630 BUILT-IN COMBINATION LOCKER LOCKS

Lift handle lockers, automatic locking, right-handed doors



Requires end user information

#1710 BUILT-IN KEY OPERATED LOCKER LOCKS

All lockers, manual deadbolt locking, fits both right and left-handed doors



Requires end user information

#1502 GENERAL SECURITY COMBINATION PADLOCKS

Combination different, standard 3/4" shackle



Requires end user information

#2002 HIGH SECURITY COMBINATION PADLOCKS

Cobination different, standard 1" shackle



SCHLAGE 6-PIN PL SERIES

Function	Shackle	Body	Finish
PL1001	1-1/8"h	1-3/4"w	452
PL1001	1-1/8"h	1-3/4"w	452
PL1002	2" h	1-3/4"w	452
PL1003	3" h	1-3/4" w	452
PL2001	1-1/8"h	2"w	452
PL2002	2" h	2"w	452
PL2003	3" h	2" w	452
PL3001	1-1/8"h	2-1/4"w	452
PL3002	2" h	2-1/4"w	452



WILSON BOHANNAN SOLID BRASS PIN TUMBLER PADLOCK

#001 - Brass shackle, 4-pin, 1-1/8" body, 5/8" or 2" shackle clearance

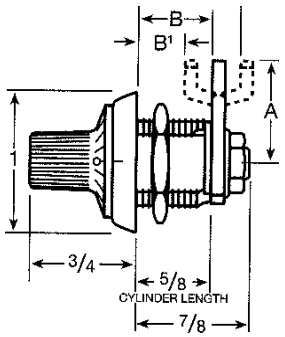
#111 - 5-pin, 1-1/2" body; Brass or Steel shackle. Shackle clearances: 7/8", 2", 3", 4", 5", 6" or 8"

#511 - 5-pin 1-1/2" body; Brass, Steel or Stainless Steel shackles available. Shackle clearances: 7/8", 1-1/2", 3"

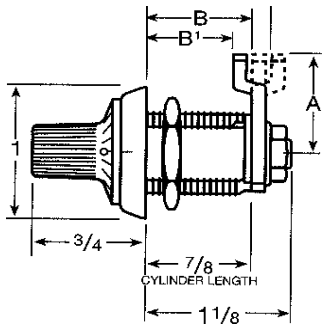
#611 - 5-pin, 1-3/4" body, Brass, Steel or Stainless Steel shackles available. Shackle clearances: 7/8", 1-5/8", 2", 3"

#921 - 5-pin, 2" body; Brass, Steel or Stainless Steel shackles available. Shackle clearances: 1", 2", 4"

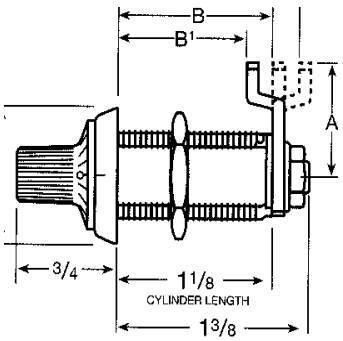
CCL SECURITY PRODUCTS



#CK2113
KEYLESS COMBINATION CAM LOCK
US26D finish, KD or KA

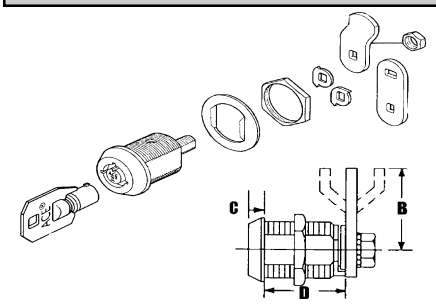


#CK2113
KEYLESS COMBINATION CAM LOCK
US26D finish, KD or KA



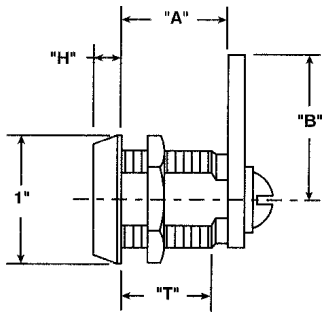
#CK2113
KEYLESS COMBINATION CAM LOCK
US26D finish, KD or KA

CHICAGO LOCK

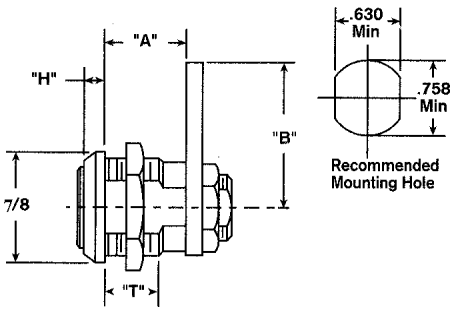


ACE II CAM TYPE UNIVERSAL FUNCTION LOCKS
(KA or KD)

#C4198 - (B)1-1/8", (C) 23/64", (D) 19/32"
#C4153 - (B)1-1/8", (C) 1/4", (D) 11/16"
#C4152 - (B)1-1/8", (C) 13/64", (D) 15/16"
#C4160 - (B)1-1/8", (C) 13/64", (D) 1-3/32"

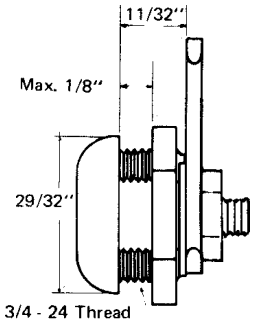


#1700
SINGLE BITTED CAM LOCKS
(A) 5/8", (B)1-1/8", (H) 13/64", (T) 13/32"

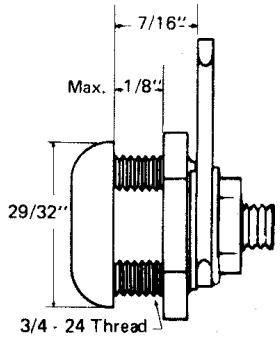


#3786
SINGLE BITTED CAM LOCKS
(A) 13/16", (B)1-1/8", (H) 13/64", (T) 11/16"
(A) 1-1/16", (B)1-1/8", (H) 13/64", (T) 15/16"
(A) 1-3/16", (B)1-1/8", (H) 13/64", (T) 1-7/64"
(A) 1-1/2", (B)1-1/8", (H) 13/64", (T) 1-13/32"

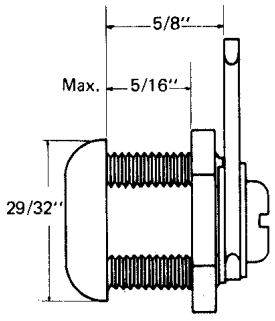
ESP



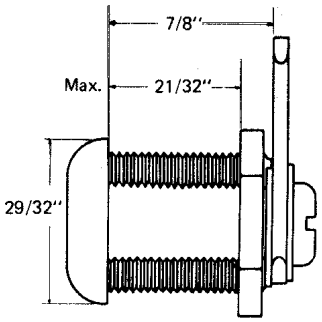
No. ULR344STD*



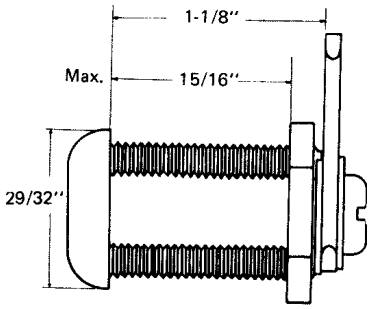
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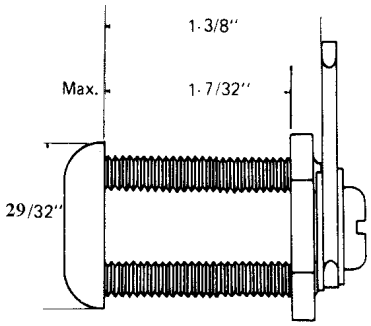
No. ULR625STD



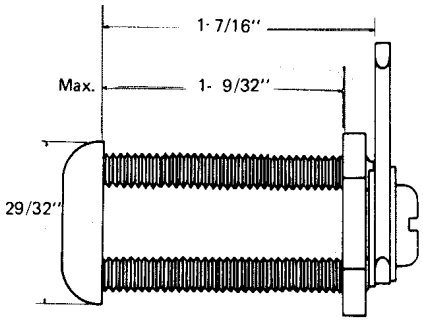
No. ULR875STD



No. ULR1125STD



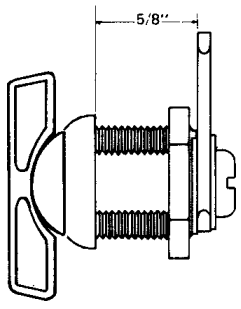
No. ULR1375STD



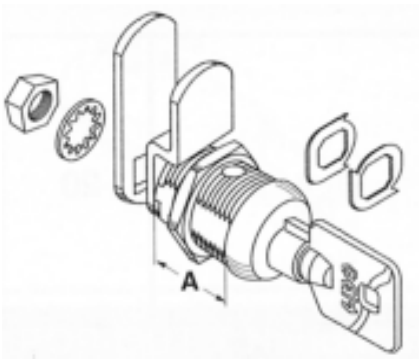
No. ULR1437STD

THUMB TURN LOCKS

No. TT625STD

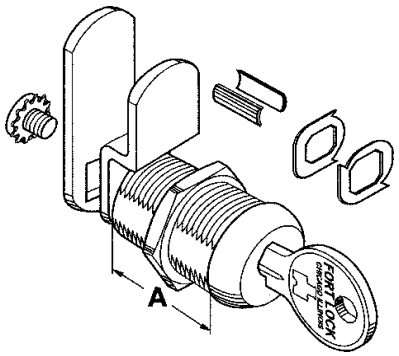


FORT



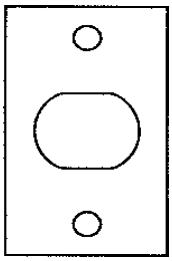
NICKEL PLATED CAM LOCKS
KD or KA

#MFW1038	**1/2" 'A' Dimension**
#MFW1058	**23/32" 'A' Dimension**
#MFW1078	**15/16" 'A' Dimension**
#MFW1118	**1-5/32" 'A' Dimension**
#MFW1148	**1-1/2" 'A' Dimension**

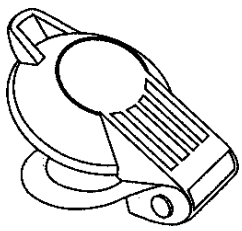


SINGLE BITTED CAM LOCKS w/UNIVERSAL KEYWAY 23000 SERIES
Stainless Steel (KD or KA)

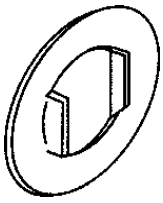
#MFW23038	**7/16" 'A' Dimension**
#MFW23058	**5/8" 'A' Dimension**
#MFW23078	**7/8" 'A' Dimension**
#MFW23118	**1-1/8" 'A' Dimension**
#MFW23138	**1-3/8" 'A' Dimension**
#MFW23168	**1-3/4" 'A' Dimension**



#AP1
ANCHOR PLATE
.630 Flats

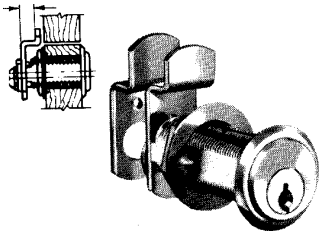


#DC1
METAL DUST COVER



#WW1
WONDER WASHER
.630 - .635 FLATS
(For Metal & Wood)

NATIONAL CABINET LOCK



#C8102-26D
BRASS CONSTRUCTION CAM LOCK

- Flush mounted
- 1-1/16" cylinder length
- 3/4" Max material thickness
- For drawers, RH or LH doors

NATIONAL CABINET LOCK



DISC TUMBLER CYLINDER CAM LOCKS

Application: for drawers, RH or LH doors with lipped/overlay construction (straight cam) or flush construction (formed cam). Specify mounting Lipped/Overlay or Flush.

Item #	Cyl Length	Max Thick
#C8060-14A	1-3/4"	1-7/16"
#C8060-3	1-3/4"	1-7/16"
#C8060-4G	1-3/4"	1-7/16"
#C8073-14A	1-3/16"	7/8"
#C8073-3	1-3/16"	7/8"
#C8073-4G	1-3/16"	7/8"
#C8075-14A	1-7/16"	1-1/8"
#C8075-3	1-7/16"	1-1/8"
#C8075-4G	1-7/16"	1-1/8"

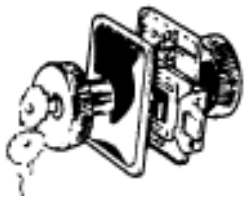


DISC TUMBLER CYLINDER CAM LOCKS

Application: for drawers, RH or LH doors with lipped/overlay construction (straight cam) or flush construction (formed cam). Specify mounting Lipped/Overlay or Flush.

Item #	Cyl Length	Max Thick
#C8051-14A	7/16"	7/64"
#C8051-3	7/16"	7/64"
#C8052-14A	5/8"	15/64"
#C8052-3	5/8"	15/64"
#C8053-14A	1-3/16"	7/8"
#C8053-3	1-3/16"	7/8"
#C8053-4G	1-3/16"	7/8"
#C8054-14A	15/16"	5/8"
#C8054-3	15/16"	5/8"
#C8054-4G	15/16"	5/8"
#C8055-14A	1-7/16"	1-1/8"
#C8055-3	1-7/16"	1-1/8"
#C8055-4G	1-7/16"	1-1/8"

BARGMAN TRAILER



L-100 RV TRAVEL TRAILER LOCK

In-knob cylinders with stainless steel dust covers.



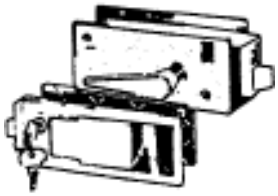
L-200 RV TRAVEL TRAILER LOCK

Lock with inside lever and outside knob.



L-300 MOTOR HOME DOUBLE LATCH LOCK

Flush mount door lock with chrome finish inside and outside.

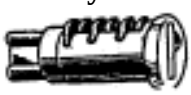


L-400 TRAVEL TRAILER LOCK

Flush mount door lock.



L-300CYL Replacement cylinder for L300



L-400CYL Replacement cylinder for L400

CCL



Dead bolt

Latch bolt



DISC TUMBLER DRAWER LOCKS

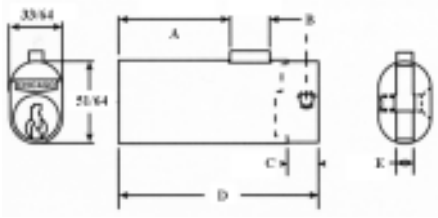
- Available in KA or KD
- Can be masterkeyed
- #2065 - Dead bolt
- #2065 1/2 - Latch bolt



#2066 DISC TUMBLER DRAWER LOCKS

- Available in KA or KD
- Can be masterkeyed

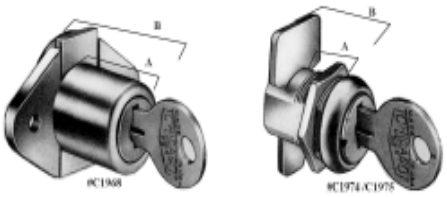
CHICAGO LOCK



FILING CABINET LOCKS

- Four pin tumbler plug
- Die cast barrel with die cast round bolt (#5002LP has square bolt)
- Two keys furnished per lock

#5001LP - (A) 55/64", (B) 9/32" dia, (C) 5/16", (D) 1-3/4", (E) 5/32"
#5002LP - (A) 1-7/64", (B) 27/64" x 9/64", (C) 5/16", (D) 2", (E) 5/32"
#CEXP-19DC - (A) 7/8", (B) 1/4" dia, (C) NA, (D) 1-33/64", (E) NA

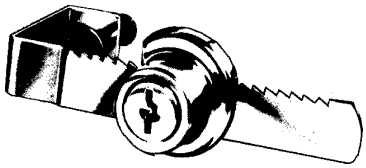


BOLT TYPE FILING CABINET LOCKS

- Five disc tumbler
- Removable plug feature
- Steel locking bolt
- Two keys furnished per lock

#C1968 - (A) 57/64", (B) 1-5/32"
#C1974 - (A) 19/32", (B) 27/32"
#C1975 - (A) 21/32", (B) 57/64"

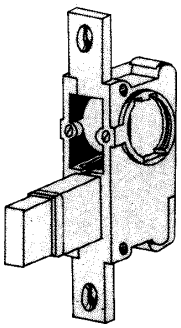
ESP



SLIDING DOOR RATCHET LOCK

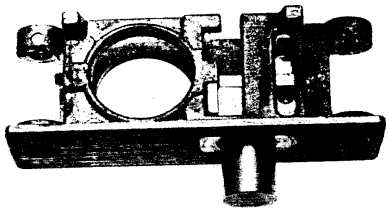
#8RL - Adjustable clamp on ratched bar enables lock to be used on doors up to 11/16" thick, can be used on glass, wood or metal doors.

#7RL - Ideal security for all sliding glass doors, bookcases, display cases, etc. For doors up to 1/4" thick.



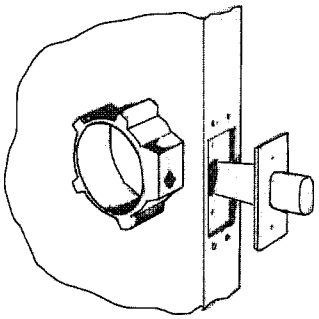
#AL77
AMARLITE LOCK REPLACMENT

This lock is the only exact replacment for the original Amarlite Telescopic Bolt Lock.



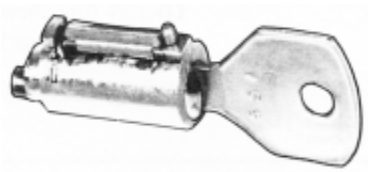
#ODDGLDL95 SOLID BRASS GLASS DOOR LOCKS

- Heavy duty, all brass construction
- Accepts mortise cylinder (not included) with standard cam
- 3/4" deadbolt with case hardened pins
- Round bolt



#A1346 AMES DOOR & LOCK SUPPORT

- 1-3/4" wide
- Support is both flexible and adjustable thus assuring use for any locks requiring 2-1/8", 1-5/8" or 1-1/2" cross bores.



#CT1 CHESLER CYLINDERS

This cylinder is an exact replacement for the Hurd #96-158 Lock Cylinder. It is used as a replacement in the L66, L77RH and L77LH Bargman Mobile Home and Recreational Vehicle locks. KA, KD, or KA in groups.



#T585 METAL DRAWER LOCKS

Available keyed alike, keyed different, and masterkeyed. Key turns 180 degrees clockwise moving T-bolt upwards, Key removable in both positions.



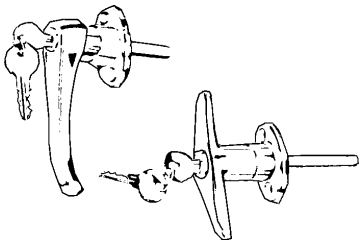
#1030FM FLUSH MOUNT PLUGER LOCK

Plunger lock designed for by-passing wood doors.Bright nickel finish, 2 keys per lock,keyed alike or keyed different to same keychanges as ESP camlocks. Includes nickel strike, 2 mounting screws.



WOOD DESK LOCKS

- **#1125WDL** - 1-1/8" long, Dull Brass
- **#875WDL** - 7/8" long, Dull Brass
- **#750WDL** - 3/4" long, Dull Brass



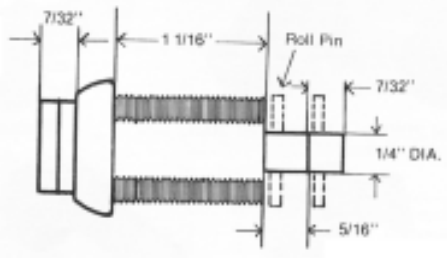
LOCKING TRAILER & GARAGE HANDLES

- **#L204** - Lever Handle (turn rigid) " Heavy Duty. KD or KA
- **#L201** - Lever Handle - KA or KD
- **#T301** - 'T' Handle - KA or KD



FILE CABINET LOCKS

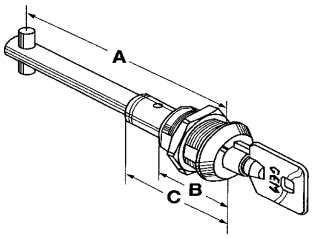
- **#1750P312** - Roll pin mounting (A has 5/16" dia) 1-3/4" long
- **#1750S312** - Machine screw mounting (A has 5/16" dia) 1-3/4" long
- **#1750P500** - Roll pin mouting (A has 1/2" dia) 1-3/4" long
- **#1750S500** - Machine screw mounting (A has 1/2" dia) 1-3/4" long
- **#2000** - Machine screw mouting (replacement for Hon Co.) 2" long



#1062STD TRUCK BODY UTILITY TOOL BOX PLUNGER LOCK

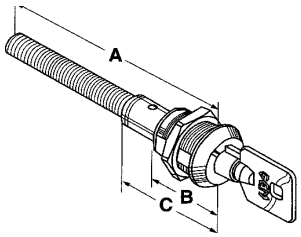
- 5 wafer tumbler cylinder
- Regularly furnished with 1key (ES8 keyblank)
- Standard package includes 2 locks KA with 2 keys
- Spring clip mounting available on request
- Standard replacement for Contico and Delta Truck Body tool boxes.

FORT LOCK



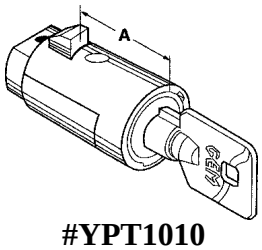
#PS1058AD PLAIN SHAFT LOCK w/ BAYONETTE LOCKING

- (A) 8" (B) 5/8" (C) 1-1/2"
- 90 degree key turn
- Key pulls at 12:00 and 3:00



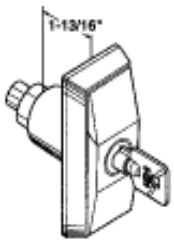
#TS1058BD THREADED SHAFT LOCK

- (A) 8" (B) 5/8" (C) 1-1/2"
- 90 degree key turn
- Key pulls at 12:00 and 6:00



#YPT1010 INNER CYLINDER

- (A) 59/64"
- For POP-OUT T Handles
- Meets NAMA standards



#PT5 POP-OUT 'T' HANDLE

- Cam operated handle
- Inner cylinder not included (see above)
- Cam not included

MULTI-LOCK



FILE CABINET LOCKS

The original swing-open secuirty bar that locks at every drawer.
#ML-1 - 1dwr, 11" long
#ML-2 - 2 dwr, 21-1/2" long
#ML-3 - 3 dwr, 33-1/2" long
#ML-4- 4 dwr, 45" long
#ML-5 - 5 dwr, 56" long

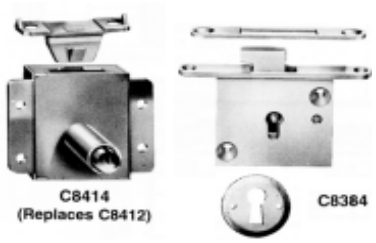
NATIONAL CABINET LOCK



FURNITURE LOCKS

This group of locks is used primarily on furniture and other fine cabinetry. #C8826 is surface mounted and requires hole for key entry, all other locks require full 11/32" x depth of lock. Additional mortising, required for lock plus hole for key entry. Key removable in both locked and unlocked positions. Deadbolt type.

#C8207-3 & C8252-3 - RH Door, Drawer, Full Mortise
#C8253-3 - LH Door, Full mortise
#C8826 - Door/Drawer, Surface Mounted



CHEST / LID LOCKS

Lid locks for cedar chest application and other lid locking requierments. #C8414 is surface mounted and requires a 9/16" dia hole for cylinder. #C8384 requires 11/32" wide x depth of lock full mortise plus mortise for selvedge plus hole for key entry. Key removable in both locked and unlocked positions. #C8414 uses pushbutton to release lid when lock is used as a latch to keep lid closed, but not locked. (C8414 replaces C8412)



#C8043-26D DISC TUMBLER SLIDING DOOR LOCKS

Plunger type with 1" cylinder length and 7/16" bolt travel.



GARAGE DOOR MECHANISM-LOCKING HANDLE

For mounting on sectional over head doors. Factory assembled for RH mounting. Mechanism installs at right side of door (inside garage) to lock into track. Handle can replace overhead door locking handles. Mechanism can be reversed for LH application.

#C8797-2C - Inside door near track (sliding bolt locks into track)

#C8798-26 - Outside door over mechanism (Key releases bolt, handle locks bolt)

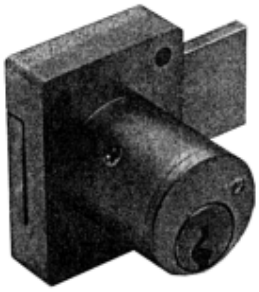


DISC TUMBLER DOOR & DRAWER LOCKS

For drawers and doors. Surface mounted. Requires 7/8" dia. hole for cylinder. Key removable in both locked and unlocked positions, except #C8706. #C8706 also has a 9/32" bolt travel, all others have 11/32". Cylinder length is 15/16" except #C8705 is 1-3/16".

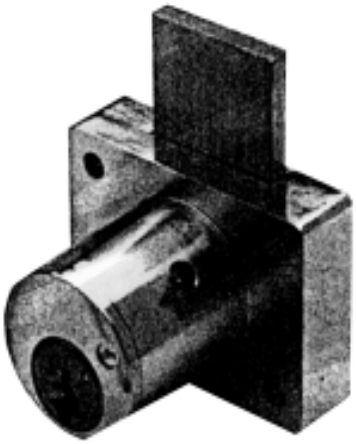
Item#	Finishes	Install	Bolt
C8703	14A, 3, 4G	Dwr	Dead
C8704	14A, 3, 4G	Door	Dead
C8705	14A, 3, 4G	Dwr	Dead
C8706	14A	Dwr	Sprg
C8803	14A, 3, 4G	Dwr	Dead
C8804	14A, 3, 4G	Door	Dead

OLYMPUS LOCK



#700SC SCHLAGE 'C' KEYWAY DOOR LOCK

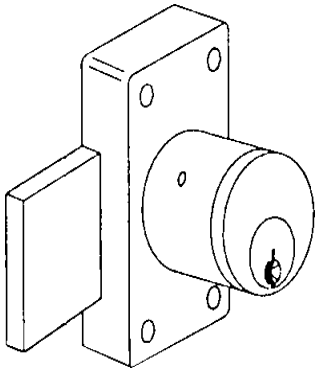
- Easily rekeyable via set-screw cylinder removal mechanism
- Will accept other manufacturer's Schlage compatible deadbolt cylinders
- For material thickness: 7/8" to 1-1/8" or 1-3/8" (specify size when ordering)
- Barrel diameter: 1-1/8"
- 26D or US3 finish
- Schlage "C" Keyway
- Includes: 2 plastic spacers, 1/4" plastic bar strike, 1/2" plastic bar strike



#800SC SCHLAGE 'C' KEYWAY DRAWER LOCK

- Easily rekeyable via set-screw cylinder removal mechanism
- Will accept other manufacturer's Schlage compatible deadbolt cylinders
- For material thickness: 7/8" to 1-1/8" or 1-3/8" (specify size when ordering)
- Barrel diameter: 1-1/8"
- 26D or US3 finish
- Schlage "C" Keyway
- Includes: 2 plastic spacers, 1/4" plastic bar strike, 1/2" plastic bar strike

SCHLAGE



#CL1000PB SCHLAGE CL-SERIES CABINET LOCKS

6-pin cylinder with 1" throw

SLIDE CO

#14416
FLUSH HANDLE WITH 4 HOOK ASSORTMENT

#14420
COMPLETE CHROME HANDLE SET

#15410
MORTISE LOCK FOR W and F

#15567-A
GRAY PULL AND KEYED LOCKING UNIT

#15567-B
BRONZE PULL AND KEYED LOCKING UNIT

JOHN STERLING CORP

#CD-1064-US3
BI-FOLD DOOR LOCK

WARDROBE DOOR LOCK
#CD-1068-US3 or
#CD-1068-US3A MM-101

CHICAGO



SWITCH LOCKS
Single Pole, Single Throw

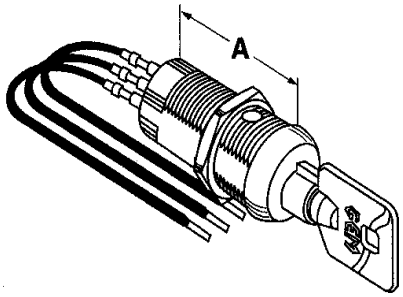
- Maintaining contact switch operated by manually rotating inserted key 90 degrees clockwise from open to closed position
- SPST contact configuration
- 7 amps at either 125V AC or 28V DC
- 6,000 cycle electrical life at max load
- Bright chrome finish
- Two keys furnished per lock

#C2174-1DC - Off only, maintaining contact, KA or KD

#C2174-2DC - Off & On, maintaining contact, KA or KD

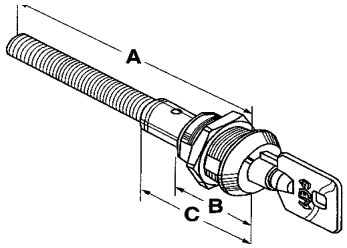
#C2174-70DC - Off only, momentary contact, KA or KD

FORT LOCK



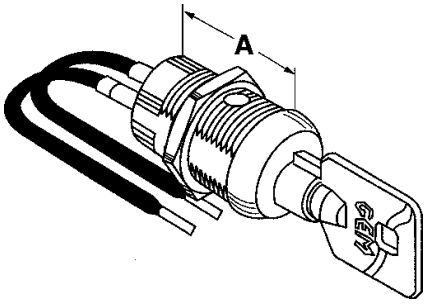
#MFSW3-1138
SWITCH LOCKS
Momentary & Maintaining

- Rekeyable switch locks-UL rated
- Single Pole, Double Throw Switch
- 125/250V AC
- 7A (Resistive load)
- 10" lead length
- Shank length is 1-3/8"



#SW2-1138AD
SWITCH LOCKS
Maintaining

- Maintains contact at 3:00
- Single pole, single throw switch
- 110-120V AC
- 7A (Resistive load)
- 10" lead length
- Shank length is 1-3/8"
- Key removable at 12 and 3



#SW20-1138MC
SWITCH LOCKS
Momentary

- Single pole, single throw switch
- 110-120V AC
- 7A (Resistive load)
- 10" lead length
- Shank length is 1-3/8"
- 90 degree clockwise turn contacts closed-spring back to 12:00, key removable

ESP MAILBOX LOCKS



#PTR-656-50
American Device



#PTR-656-02
Auth Electric



#PTR-656-03
Bommer



#PTR-656-24
Bommer Hook



#PTR-656-04B
Cutler Federal



#PTR-656-22
Dura Steel 202C



#PTR-656-20
Dura Steel 208B



#PTR-656-05
Florence Manufacturing



#PTR-656-23
Jensen General



#PTR-656-58
Miami Carey



#PTR-656-21
Permabilt

ILCO



#1600-04-11
LETTER BOX LOCK
For Auth., United Florence Boxes



#1625-04-11
LETTER BOX LOCK
w/ 1/2" bolt for Cole, Columbia, Amalgamated



#1650-04-11
LETTER BOX LOCK
w/ long ear for Cole, Columbia, Amalgamated



#1675-04-11
LETTER BOX LOCK
For Couch Boxes

NATIONAL LOCK

PIN TUMBLER MAIL BOX LOCKS

Item#	Replaces	Lkd Cam
#C8710	Bommer	Left
#C8711	Bommer	Up
#C8712	Bommer	Dwn
#C8713	Auth Elec.	Left
#C8714	American Device	Left
#C8715	Florence Mfg	Up
#C8716	SH Couch	Up
#C8717	Nutone	Left
#C8718	Cutler Mail Chute	Left
#C8719	Miami-Carey	Up
#C8720	Dura Steel	Dwn
#C8721	Permabit-XL201	Left
#C8722	Dura Steel-XL202	Dwn
#C8723	Jensen General	Left
#C8724	Bommer	Left
#C8725	Cutler Federal	Left
#C8726	Riopel - Canada	Right



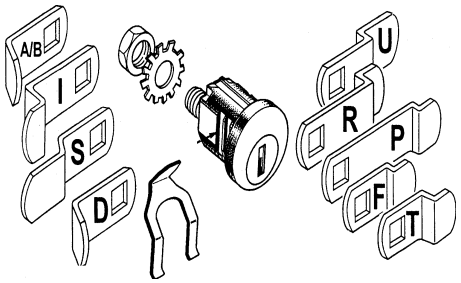
PIN TUMBLER "MULTI-CAM" MAIL BOX LOCKS

Item#	Installation
#C8730	Architectural mail box fronts
#C8732	Same as C8735 w/o cams
#C8733	Same as C8735 w/o cams
#C8735	Door of pedestal mounted neighborhood boxes

XL LOCK

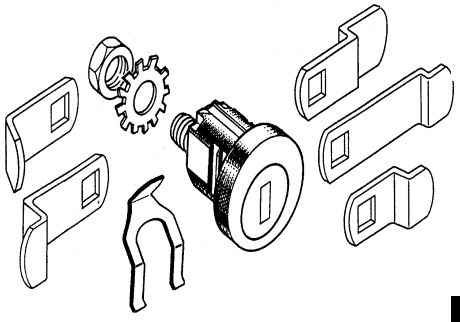
PIN TUMBLER REPLACMENT LOCKS

Item#	Rplc	Style
#201-A	C8710	Permabilt Jensen <1975
#202-C	C8722	Dura Steel <1975
#205-D	C8723	Jensen >1975
#206-G	N/A	Jensen vertical >1999
#208-B	C8720	Dura Steel >1975
#213-I	C8713	Auth-Elect <1995
#214-S	C8714	American Device Security vertical
#215-F	C8715	Auth-Florence Florence
#216-L	C8716	SH Couch
#217-N	C8717	NuTone
#218-T	C8718	Cutler
#219-M	C8719	Miami-Carey
#223-W	N/A	Security horizontal
#224-O	C8724	Bommer (hook)
#225-P	C8725	Cutler pedestal
#226-Q	C8711	Bommer
#227-R	C8712	Bommer
#228-U	C8710	Bommer



#231 UNIVERSAL PIN TUMBLER MAIL BOX LOCKS

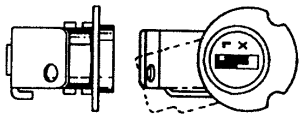
Supplied with nine cames, two keys, retaining clip, cam nut and lock washer. Fits the most commonly encountered mailboxes available with XL2, NA14, & HL1



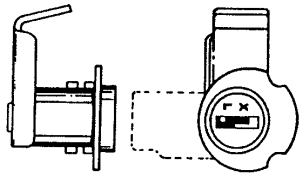
#235 UNIVERSAL PIN TUMBLER MAIL BOX LOCKS

Supplied with five cams, two keys, retaining clip, cam nut and lock washer. Fits mailboxes requiring dust cover on deyway. Available with XL2, NA14, & HL1

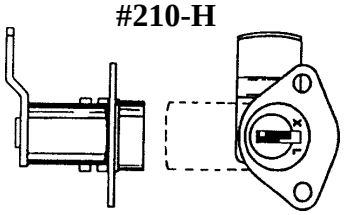
NON-GOVERNMENTAL POST OFFICE BOX LOCKS



#209-E

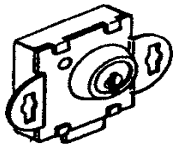


#210-H

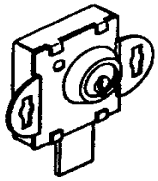


#212-K

FLAT TYPE MAIL BOX LOCKS



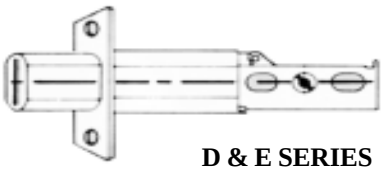
#101
1/4" Throw,
Brass Finish



#102
1/2" Throw,
Brass Finish

ARROW

DEADBOLTS



D & E SERIES



#141 - 2-1/4" l x 1" w; 2-3/8" BS
#144 - 2-1/4" l x 1-1/2" w; 2-3/4" BS



D & E SERIES DRIVE-IN



#145 - 2-3/8" BS
#146 - 2-3/4" BS

LATCHES

DEAD LATCHES



M & L SERIES
#111 - Non-UL, 1"w, 2-3/8" BS
#114 - Non-UL; 1"w, 2-3/4" BS

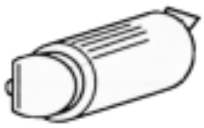
H & S SERIES
#161 - 1-1/8" w; 2-3/4" BS
#168 - Non-UL; 1-1/8"w; 2-3/8" BS

SPRING LATCHES

H & S SERIES
#160 - 1-1/8"w; 2-3/4" BS



DRIVE-IN LATCHES



M & L SERIES
#115 - 1" dia, 2-3/8" BS
#116 - 1" dia, 2-3/4" BS

H & S SERIES
#164 - 2-3/4" BS

EXTEND

HANDICAP DOOR HANDLES

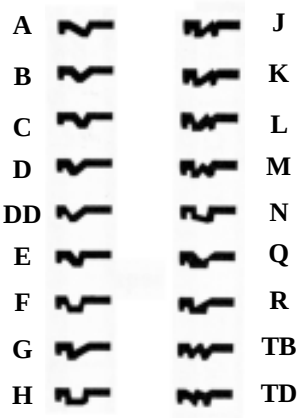


- Will fit on your present door handles
- No special tools required
- Slips easily onto existing conventional round door knobs
- Will not interfere with key locks or lock-in-knob functions

FALCON

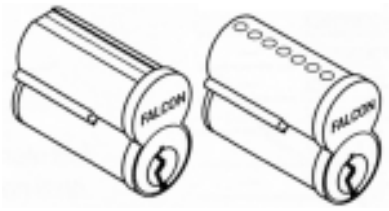
INTERCHANGEABLE CORE KEYWAYS





The 'A' keyway is standard for I/C products and will be supplied unless otherwise specified. Falcon keyways shown here are equivalent to Best and Arrow I/C keyways of the same names.

When ordering locks or cores master keyed into existing Best, Arrow or other compatible I/C systems, a copy of the bitting I list for the existing system is required with order.



INTERCHANGABLE CORE

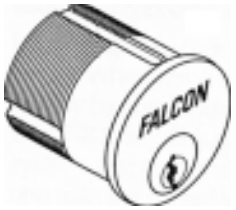
- Standard cores use a singe spring cover to seal pin chambers
- With Best style capping, each pin chamber is sealed with its own individual cap

Standard Capping
#C646 - 6-pin uncombinated
#C647 - 7-pin uncombinated
#C606 - 6-pin combinated
#C607 - 7-pin combinated

BEST Style Capping
#CB846 - 6-pin uncombinated
#CB847 - 7-pin uncombinated
#CB806 - 6-pin combinated
#CB807 - 7-pin combinated

No Logo
#C648 - 6-pin uncombinated
#C649 - 7-pin uncombinated
#C608 - 6-pin combinated
#C609 - 7-pin combinated

No Logo, BEST capping
#CB848 - 6-pin uncombinated
#CB849 - 7-pin uncombinated
#CB808 - 6-pin combinated
#CB809 - 7-pin combinated



MORTISE CYLINDER

900 series are furnished with #4 straight cam.

Lengths: 1-1/8" to 2"



#951 RIM CYLINDER

Horizontal tailpiece standard. May be changed to vertical orientation in the field. Furnished with collar, back plate and 12-24 break off screws. Specify 5, 6, or 7-pin. Also specify finish: 605, 606, 612, 613, 626, 629, 630

ILCO



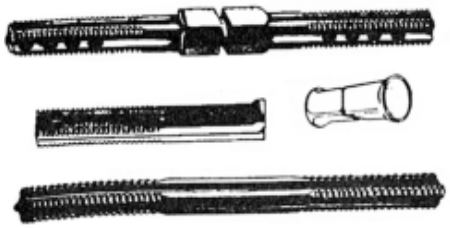
RIM CYLINDERS

ITEM#	DESCRIPTION
7015NA825KD	COMP Rim Cyl 26D
7015NA803KA2	COMP Rim Cyl US3
7015NA803KD	COMP Rim Cyl US3
7015XE825KD	DEXTER Rim Cyl 26D
7015XE803KD	DEXTER Rim Cyl US3
7010DC-46	Dummy Rim Cyl Dura
7010DC-10	Dummy Rim Cyl US10
7010DC-25	Dummy Rim Cyl US26D
7010DC-03	Dummy Rim Cyl US3
861-03-10	Flush Rim Cyl Ring US3
7015KS825KA2	KWIKSET Rim Cyl 26D
7015KS825KD	KWIKSET Rim Cyl 26D
7015KS803KA2	KWIKSET Rim Cyl US3
7015KS803KD	KWIKSET Rim Cyl US3
7015LA825KD	LKWD Rim Cyl 26D
7056ME25KA	MEDECO Knob Cyl KA
605KW0451	Pin Tumbler Rim Cyl KW1
605SC0451	Pin Tumbler Rim Cyl SC1
7015RB825KD	RUSS D1 kwy 26D KD
7015RB846KD	RUSS D1 kwy Dura KD
7015GA825KA2	SARGNT Rim Cyl 26D
7015GA846KA2	SARGNT Rim Cyl Dura
7015GA803KA2	SARGNT Rim Cyl US3
7015SE846KA2	SCH "E" Rim Cyl Dura
7015SE846KD	SCH "E" Rim Cyl Dura
7015SC825KA2	SCH C Rim Cyl 26D
7015SC825KD	SCH C Rim Cyl 26D
7015SC846KA2	SCH C Rim Cyl Dura
7015SC846KD	SCH C Rim Cyl Dura
7015SC803KA2	SCH C Rim Cyl US3
7015SX825KA2	SCH C-K Rim Cyl 26D
7015SX825KD	SCH C-K Rim Cyl 26D
7015SX846KA2	SCH C-K Rim Cyl Dura
7015SX846KD	SCH C-K Rim Cyl Dura
7015SX803KA2	SCH C-K Rim Cyl US3
7015SX803KD	SCH C-K Rim Cyl US3
7015SE825KA2	SCH E Rim Cyl 26D
7015SE803KA2	SCH E Rim Cyl US3
7015WA825KA2	WEISER Rim Cyl 26D
7015WA825KD	WEISER Rim Cyl 26D
7015WA803KA2	WEISER Rim Cyl US3
7015WA803KD	WEISER Rim Cyl US3
7015YA825KA2	YALE 8 Rim Cyl 26D
7015YA825KD	YALE 8 Rim Cyl 26D
7015YA846KA2	YALE 8 Rim Cyl Dura
7015YA846KD	YALE 8 Rim Cyl Dura
7015YA803KA2	YALE 8 Rim Cyl US3
7015YA803KD	YALE 8 Rim Cyl US3

KEY-IN-KNOBS

ITEM#	DESCRIPTION
7055AA25	ARROW Key-In-Knob 26D
7055NA25	COMPOSITE Key-In-Knob 26D
7055NA04	COMPOSITE Key-In-Knob US4
7055CA25	CORBIN 60 Key-In-Knob 26D
7055CB25	CORBIN 67 Key-In-Knob 26D
7055CC25	CORBIN 77 Key-In-Knob 26D
7055KS25	KWIK 1176 Key-In-Knob 26D
7055LA25	LCKWD 1004 Key-In-Knob 26D
7055RB25	RUSSWN D1 Key-In-Knob 26D
7055RB04	RUSSWN D1 Key-In-Knob US4
7055SC25	SCH C Key-In-Knob 26D
7055SC04	SCH C Key-In-Knob US4
7055SX25	SCH C-K Key-In-Knob 26D
7055SX04	SCH C-K Key-In-Knob US4
7055SE25	SCH E Key-In-Knob 26D
7055SE04	SCH E Key-In-Knob US4
7055GA25	SGT LA Key-In-Knob 26D
7055GS25	SGT S Key-In-Knob 26D
7055WA25	WEISR 1555 Key-In-Knob 26D
7055YA25	YALE 8 Key-In-Knob 26D

SPINDLES



ITEM#	DESCRIPTION
760-01	Spl cap-10pr
760-02	Headless screws-BS 1/4" x 1/3"
760-03	Headless screws-BS PL 1/4" x 3/8"
760-04	Oval Head Screw-BS PL
760-20	Headless Screw-BS PL 1/4" x 5/16"
760-05	Str Spl 9/32" x 3-1/2" x 20
760-06	Str Spl 9/32" x 4-1/2" x 20
760-07	Swivel Spl 9/32" x 4-3/4" x 20
760-08	Str Spl 9/32" x 4-1/2" x 20
760-09	Swivel Spl 9/32" x 4-3/4" x 20
760-10	Swivel Spl 9/32" x 6" x 20
760-11	Split Spl 9/32" x 2-5/8" x 20
760-12	Swivel Spdl w/caps 9/32" x 4-3/4"x20
760-13	Str Spl 9/32" x 3-1/2" x 18
760-14	Str Spl 9/32" x 4-1/2" x 18
760-15	Swivel Spl 9/32" x 4-3/4" x 18
760-16	Swivel Spl 9/32" x 4-3/4" x 18
760-17	Swivel Spl 9/32" x 6" x 18
760-18	Split Spl 9/32" x 2-5/8" x 20
760-19	Swivel Spdl w/caps 9/32" x 4-3/4"x20
7660051	Replacement spindle 3-5/8"
7670051	Replacement spindle 4-1/2"

MISC LOCK PARTS

ITEM#	DESCRIPTION
863A-00-10	ADAMS RITE Cam (MS)
861A-25-10	Adj Sprng Collar-Sld Bs 26D
861A-03-10	Adj Sprng Collar-Sld Bs US3
861U-26-10	Adj Sprng Collar-Steel US26
861U-03-10	Adj Sprng Collar-Steel US3
861R-28-10	Alum Collar 1/2" Alum
861R-46-10	Alum Collar 1/2" Duracolor
861F-28-10	Alum Collar 1/4" Alum
861F-46-10	Alum Collar 1/4" Duracolor
861D-28-10	Alum Collar 1/8" Alum
861D-46-10	Alum Collar 1/8" Duracolor
861K-28-10	Alum Collar 3/16" Alum
861K-46-10	Alum Collar 3/16" Duracolor
861C-28-10	Alum Collar 3/32" Alum
861C-46-10	Alum Collar 3/32" Duracolor
861Q-28-10	Alum Collar 3/8" Alum
861Q-46-10	Alum Collar 3/8" Duracolor
861E-28-10	Alum Collar 5/32" Alum
861E-46-10	Alum Collar 5/32" Duracolor
861L-28-10	Alum Collar 7/32" Alum
861L-46-10	Alum Collar 7/32" Duracolor
863D-00-10	CLOVER Cam
702-00-10	Cylinder Retainer "C" Ring
705-04-11	Ddlk Disc w/lng 3/16"Sq Hub
704-04-11	Ddlk Disc w/std 3/16"Sq Hub
862A-00-10	ex. lg Connecting Bar 2-3/8"
702E-00-10	LAZY ACTION Washer-706
862H-00-10	Long Tailpiece
862G-00-10	Med Tailpiece
869-00-10	Mortise Cash Box Nut
866B-00-10	Mortise Cylinder Cam

ITEM#	DESCRIPTION
7165AA225	ARROW 1" Rpl Cyl 26D
7165AA246	ARROW 1" Rpl Cyl Dura
7205AA125	ARROW 1-1/4" Rpl Cyl 26D
7205AA103	ARROW 1-1/4" Rpl Cyl US3
7185AA125	ARROW 1-1/8" Rpl Cyl 26D
7185AA146	ARROW 1-1/8" Rpl Cyl Dura
7185AA103	ARROW 1-1/8" Rpl Cyl US3
7165NA225	CMPT 1" Rpl Cyl 26D
7165NA246	CMPT 1" Rpl Cyl Dura
7205NA125	CMPT 1-1/4" Rpl Cyl 26D
7205NA103	CMPT 1-1/4" Rpl Cyl US3
7185NA125	CMPT 1-1/8" Rpl Cyl 26D
7185NA103	CMPT 1-1/8" Rpl Cyl US3
7165CA225	CRBN 60 1" Rpl. Cyl 26D
7165CA246	CRBN 60 1" Rpl. Cyl Dura
7205CA125	CRBN 60 1-1/4" Rpl Cyl 26D
7205CA103	CRBN 60 1-1/4" Rpl Cyl US3
7165CA125	CRBN 60 1-1/8" Rpl Cyl 26D
7165CA146	CRBN 60 1-1/8" Rpl Cyl Dura
7185CA103	CRBN 60 1-1/8" Rpl Cyl US3
7165XE225	DEXTER 67 1" Rpl Cyl 26D
7165XE246	DEXTER 67 1" Rpl Cyl Dura
7205XE125	DEXTER 67 1-1/4" 26D
7205XE103	DEXTER 67 1-1/4" US3
7185XE125	DEXTER 67 1-1/8" 26D
7185XE103	DEXTER 67 1-1/8" US3
7165UA225	X1054K 1" Rpl Cyl 26D
7205UA125	X1054K 1-1/4" Rpl Cyl 26D
7205UA103	X1054K 1-1/4" Rpl Cyl US3
7185UA103	X1054K 1-1/8" Rpl Cyl US3
7165KS225	KS 1176 1" Rpl. Cyl 26D
7165KS246	KS 1176 1" Rpl. Cyl Dura
7205KS103	KS 1176 1-1/4" Rpl Cyl 3
7205KS125	KS 1176 1-1/4" Rpl Cyl26D
7185KS146	KS 1176 1-1/8 Rpl Cyl Dura
7185KS103	KS 1176 1-1/8" Rpl Cyl 3
7185KS125	KS 1176 1-1/8" Rpl Cyl26D
7165LA225	LKWD 1004 1" Rpl Cyl 26D
7205LA125	LKWD 1004 1-1/4 Rl Cyl26D
7205LA103	LKWD 1004 1-1/4" Rl Cyl 3
7185LA125	LKWD 1004 1-1/8 Rl Cyl26D
7185LA103	LKWD 1004 1-1/8" Rpl Cyl 3
7165RB225	RSWN D1 1" Rpl Cyl 26D
7165RB246	RSWN D1 1" Rpl Cyl Dura
7205RB125	RSWN D1 1-1/4" Rpl Cyl 26D
7205RB103	RSWN D1 1-1/4" Rpl Cyl US3
7185RB146	RSWN D1 1-1/8" Rl Cyl Dura
7165GA246	SGT LA 1" Rpl. Cyl Dura
7205GA125	SGT LA 1-1/4" Rpl Cyl 26D
7205GA103	SGT LA 1-1/4" Rpl Cyl US3
7185GA125	SGT LA 1-1/8" Rpl Cyl 26D
7185GA146	SGT LA 1-1/8" Rpl Cyl Dura
7185GA103	SGT LA 1-1/8" Rpl Cyl US3
7165SC225	SCH C 1" Rpl Cyl 26D
7165SC246	SCH C 1" Rpl Cyl Dura
7165SC203	SCH C 1" Rpl Cyl US3

MORTISE CYLINDERS KEYED ALIKE-PAIR

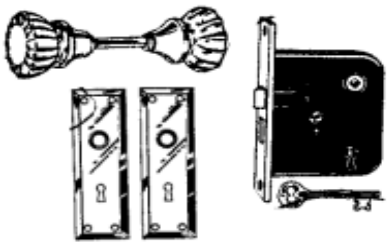
ITEM#	DESCRIPTION
7205SC125	SCH C 1-1/4" Rpl Cyl 26D
7205SC146	SCH C 1-1/4" Rpl Cyl Dura
7205SC103	SCH C 1-1/4" Rpl Cyl US3
7185SC125	SCH C 1-1/8" Rpl Cyl 26D
7185SC146	SCH C 1-1/8" Rpl Cyl Dura
7185SC103	SCH C 1-1/8" Rpl Cyl US3
7165SC225	SCH C 1" Rpl Cyl 26D KD
7165SC246	SCH C 1" Rpl Cyl Dura
7205SC125	SCH C 1-1/4" Rpl Cyl 26D
7205SC103	SCH C 1-1/4" Rpl Cyl US3
7185SC125	SCH C 1-1/8" Rpl Cyl 26D
7185SC146	SCH C 1-1/8" Rpl Cyl Dura
7185SC103	SCH C 1-1/8" Rpl Cyl US3
7205SX125	SCH C-K 1-1/4" Rpl Cyl 26D
7205SX103	SCH C-K 1-1/4" Rpl Cyl US3
7185SX125	SCH C-K 1-1/8" Rpl Cyl 26D
7185SX103	SCH C-K 1-1/8" Rpl Cyl US3
7165SX225	SCH C-K 1" Rpl Cyl 26D
7165SX246	SCH C-K 1" Rpl Cyl Dura
7165SX203	SCH C-K 1" Rpl Cyl US3
7205SX125	SCH C-K 1-1/4" Rpl Cyl 26D
7205SX146	SCH C-K 1-1/4" Rpl Cyl Dura
7205SX103	SCH C-K 1-1/4" Rpl Cyl US3
7185SX125	SCH C-K 1-1/8" Rpl Cyl 26D
7185SX146	SCH C-K 1-1/8" Rpl Cyl Dura
7185SX103	SCH C-K 1-1/8" Rpl Cyl US3
7165SE225	SCH E 1" Rpl Cyl 26D
7165SE246	SCH E 1" Rpl Cyl Dura
7165SE203	SCH E 1" Rpl Cyl US3
7205SE125	SCH E 1-1/4" Rpl Cyl 26D
7205SE103	SCH E 1-1/4" Rpl Cyl US3
7185SE125	SCH E 1-1/8" Rpl Cyl 26D
7185SE146	SCH E 1-1/8" Rpl Cyl Dura
7185SE146	SCH E 1-1/8" Rpl Cyl Dura
7185SE103	SCH E 1-1/8" Rpl Cyl US3
7165FA225	SEGL 1022 1" Rpl. Cyl 26D
7165FA246	SEGL 1022 1" Rpl. Cyl Dura
7205FA125	SEGL 1022 1-1/4" Rl Cyl 26D
7205FA103	SEGL 1022 1-1/4" Rl Cyl US3
7185FA103	SEGL 1022 1-1/8" Rl Cyl US3
7165WA225	WSR 1555 1" Rpl Cyl 26D
7165WA246	WSR 1555 1" Rpl Cyl Dura
7205WA125	WSR 1555 1-1/4" Rl Cyl 26D
7205WA103	WSR 1555 1-1/4" Rl Cyl US3
7185WA125	WSR 1555 1-1/8" Rl Cyl 26D
7185WA146	WSR 1555 1-1/8" Rl Cyl Dura
7185WA103	WSR 1555 1-1/8" Rl Cyl US3
7165YA225	YALE 8 1" Rpl Cyl 26D
7165YA246	YALE 8 1" Rpl Cyl Dura
7165YA203	YALE 8 1" Rpl Cyl US3
7205YA125	YALE 8 1-1/4" Rpl Cyl 26D
7205YA103	YALE 8 1-1/4" Rpl Cyl US3
7185YA125	YALE 8 1-1/8" Rpl Cyl 26D
7185YA146	YALE 8 1-1/8" Rpl Cyl Dura
7185YA103	YALE 8 1-1/8" Rpl Cyl US3
7205YA125	YALE 8 1-1/4" Rpl Cyl 26D

ITEM#	DESCRIPTION
7205YA103	YALE 8 1-1/4" Rpl Cyl US3
7185YA125	YALE 8 1-1/8" Rpl Cyl 26D
7185YA146	YALE 8 1-1/8" Rpl Cyl Dura
7185YA103	YALE 8 1-1/8" Rpl Cyl US3
7160DC46	Dummy Cyl 1" Duracolor
7160DC25	Dummy Cyl 1" US26D
7160DC03	Dummy Cyl 1" US3
7181TK225	TURN 1 1/8" Cyl 26D
7161TK225	T-TURN 1" Cyl 26D
7161TK246	T-TURN 1" Cyl Dura
7161TK203	TURN 1" Cyl US3
7181TK203	T-TURN 1-1/8" Cyl US3

DEADBOLT CYLINDERS KEYED DIFFERENT

ITEM#	DESCRIPTION
7065CA25	15965 CA DB /CORB 60
7065CB25	15965 CB DB /CORB 67
7065CC25	15965 CC DB /CORB 77
7065GA25	15965 GA DB /SGT LA
7065JSE04	15965 JSE DB/SC"E" 4
7065NA25	15965 NA DB /COMP
7065RB25	15965 RB DB /RUS DI
7065SE25	15965 SE DB /SC"E"KY 26D
7065SX25	15965 SX DB /SCH CK
7065WA04	15965 WA DB Cyl Rl/WEISR
7065YA25	15965 YA DB Cyl Rl/YALE 8

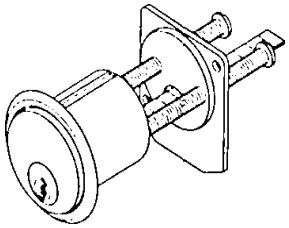
DOOR KNOBS & ACCS



1970351 Rpl Solid Brass Knobs
1980451 Rpl Brass Pltd Knobs
1990351 Rpl Glass/Brass Knobs
2110351 Roses for 198 &199Knobs
2120351 Roses for 197 Knobs
2130451 Trim Plates
2140451 Bit Key Lock - Stn Brass
2160351 Rpl Latch for tub. locks

KSP

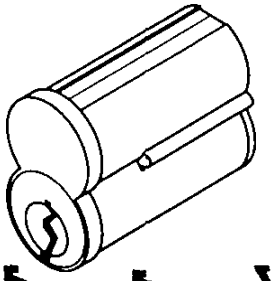
MORTISE & RIM HOUSINGS

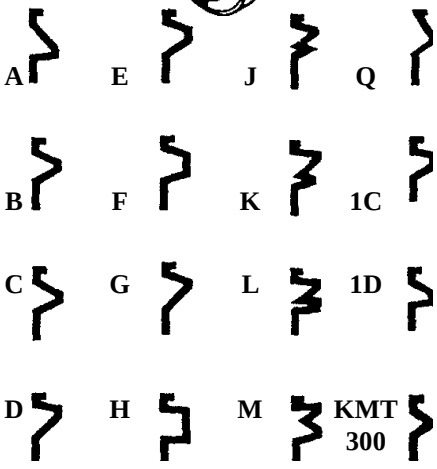


Item #	Description
#306	6-pin Mortise Housing
#307	6/7-pin Mortise Housing
#308	6/7-pin Rim Housing
#308-6	6-pin Rim Housing

Available finishes: Brt Brass, Stn Brass, Stn Bronze, Duro, Brt Chrome, Stn Chrome

CORES





UNCOMBINED

#206	6-pin, 4/26D Finish
#207	7-pin, 4/26D Finish

COMBINED

#206C	6-pin, 4/26D finish
#207C	7-pin, 4/26D finish

HOUSING CAMS



#600 Standard

#601 Adams Rite

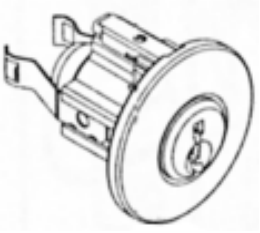
#602 Clover

#602-S Sargent

#602-L Schalge

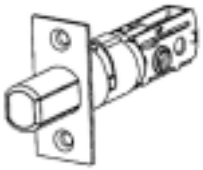
KWIKSET

CYLINDERS

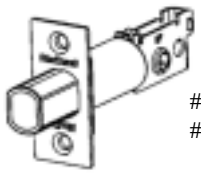


Item#	Description
90009-011	7750A - Abbey
90009-013	7850 - All Kwikset knobs
90009-016	2776 - 665 interior
90009-017	2777 - 665 exterior
90009-018	1850E - Eclipse
90009-041	15843 - 660
90009-042	15860 - Polo
90009-043	15872 - Cortez, Hancock, Roman

LATCHES



580, 780, 970 SERIES - AL
1" Front Deadbolt
Adjustable Backset
#6084-01
#6084-18



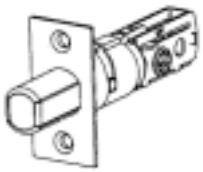
660 SERIES
1" Front Deadbolt
#2728-01 - 2-3/8" BS
#2729-01 - 2-3/4" BS



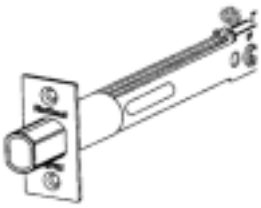
RFAL
1" Drive-In Deadbolt
Adjustable Backset
#4504-01
#4504-18



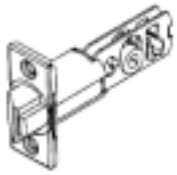
RFL
1" Drive-In Deadbolt
#2734-01 - 2-3/8" BS
#2735-01 - 2-3/4" BS



WFAL
1-1/8" Front Deadbolt
Adjustable Backset
#6095-01
#6095-18



5L
1" Front Deadbolt
5" Backset
#2730-01



For 580 Series Gatelatch
1" Front Deadbolt
#3277-01 - 2-3/8" BS



DEADLATCHES
1" Front Deadlatch
#2975-2-3/8
#3003-2-3/4



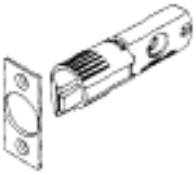
PLAIN LATCHES
1" Front Plain Latch
#2974-2-3/8
#2999-2-3/4



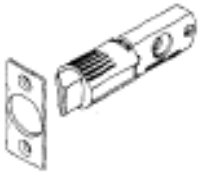
RCDL4
1" Round Corner Deadlatch
#2997-2-3/8
#3008-2-3/4



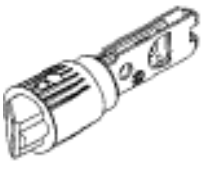
RCL4
1" Round Corner Deadlatch
#2993-2-3/8
#3006-2-3/4



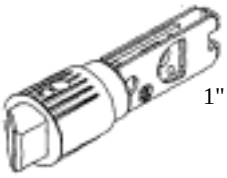
AL
Convertible Deadlatch
(removable front)
#2955



AL
Convertible Plain Latch
(removable front)
#2947



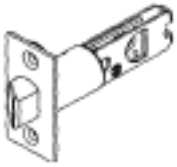
RFDL
1" Drive-In Deadlatch
#2996-2-3/8
#2995-2-3/4



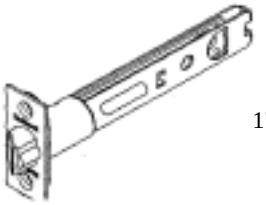
RFL
1" Drive-In Plain Latch
#2992-2-3/8
#2994-2-3/4



WFDL
1-1/8" Front Deadlatch
#3018-2-3/8
#3065-2-3/4



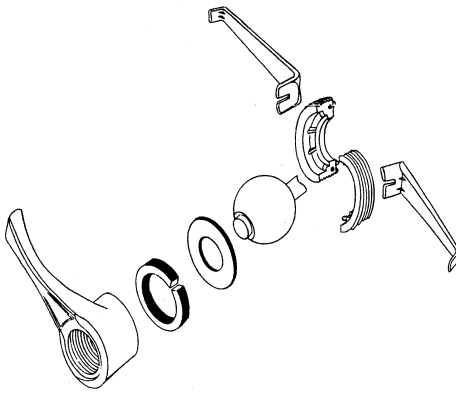
WFL
1-1/8" Front Plain Latch
#3016-2-3/8
#3064-2-3/4



5L
1" Front Deadlatch
5" Backset
#3014-5"

LEVERON

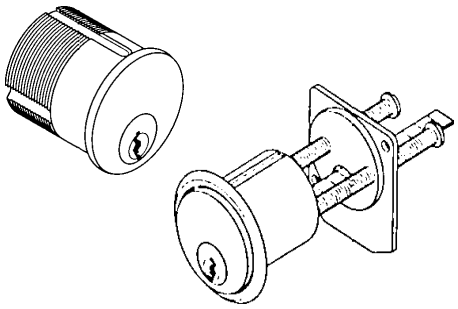
DOORKNOB LEVER ADAPTER



Residential or Light Duty
and
Maxi-Grip - For Commercial Grade
Heavy Duty Traffic

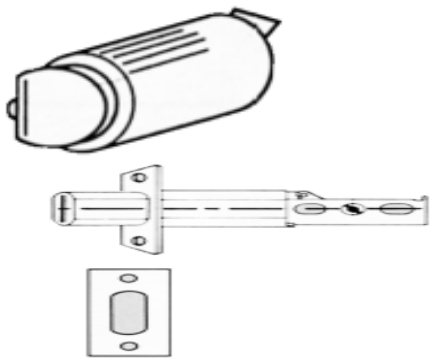
LD - 0102SB - Brass
LD - 0103SM - Silver

SARGENT



CYLINDERS

#34-10B LA	Rim Cylinder-LA Keyway Oil Rubbed Bronze
#34-26D LA	Rim-Cylinder - LA Keyway Satin Chrome
#41-10B LA	Mortise Cyl-LA Keyway, Oil Rubbed Bronze
#41-26D LA	Mortise Cyl-LA Keyway, Satin Chrome



LATCHES

#06-5083	Standard-Guarded latchbolt 2-3/8" BS, 2-1/4" x 1" Front
#06-5225	Standard-Unguarded latchbt 2-3/8" BS, 2-1/4" x 1" Front

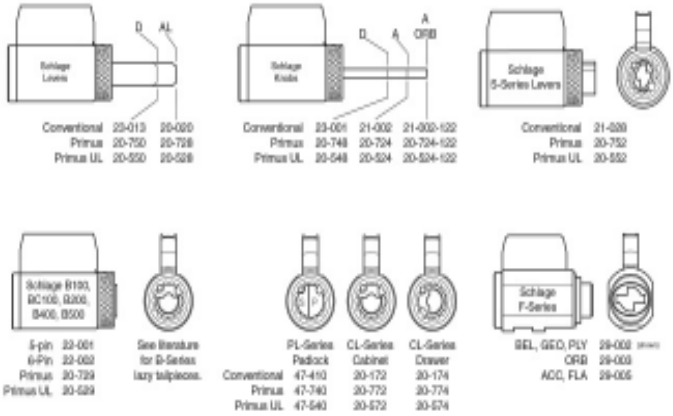
LATCH ASSEMBLIES

#05-2184	2-3/8", 20 prefix -guarded
#05-2185	2-3/8", 20 prefix-unguarded
#05-2182	2-3/4", standard-guarded
#05-2183	2-3/4", standard-unguarded
#07-2431	2-3/8", 20 prefix-guarded
#07-2433	2-3/8", 20 prefix-unguarded
#07-2430	2-3/4", standard-guarded
#07-2432	2-3/4", standard-unguarded
#10-2214	2-3/4", standard-guarded
#10-2215	2-3/4", standard-unguarded

SCHLAGE® Cylinders

Cylinders for Schlage Locks

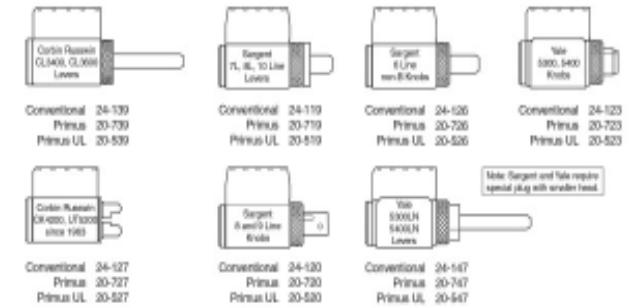
Consult literature for hotel function and other cylinders not shown here.



Conventional	23-013	20-020	Conventional	23-001	21-002	21-002-122	Conventional	21-020
Primus	20-750	20-728	Primus	20-748	20-724	20-724-122	Primus	20-752
Primus UL	20-550	20-528	Primus UL	20-548	20-524	20-524-122	Primus UL	20-552

5-pin	22-001	See literature for B-Series lazy tailpieces.		PL-Series Padlock	CL-Series Cabinet	CL-Series Drawer	BEL, GEO, PLY	20-003
6-Pin	22-002		Conventional	47-410	20-172	20-174	ORB	20-003
Primus	20-729		Primus	47-740	20-772	20-774	ACC, FLA	20-005
Primus UL	20-529		Primus UL	47-540	20-572	20-574		

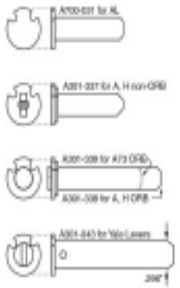
Cylinders for Other Brands of Locks



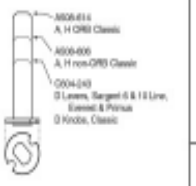
Conventional	24-139		Conventional	24-119		Conventional	24-126		Conventional	24-123
Primus	20-739		Primus	20-719		Primus	20-726		Primus	20-723
Primus UL	20-539		Primus UL	20-519		Primus UL	20-526		Primus UL	20-523
Conventional	24-127		Conventional	24-120		Conventional	24-147			
Primus	20-727		Primus	20-720		Primus	20-747			
Primus UL	20-527		Primus UL	20-520		Primus UL	20-547			

Tailpieces

Install Horizontally or Vertically for All Cylinders

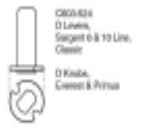


Install Horizontally on Classic Conventional or Vertically on Everest™ & Primus®

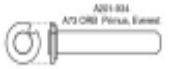




Install Vertically on Classic Conventional or Horizontally on Everest & Primus

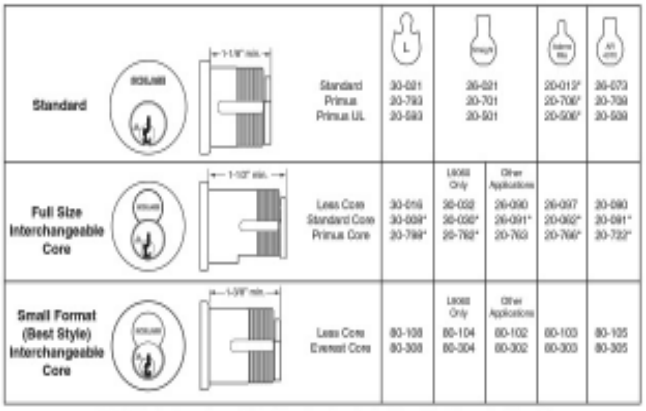


Horizontal for Everest & Primus Vertical for Classic Conventional



Mortise Cylinders

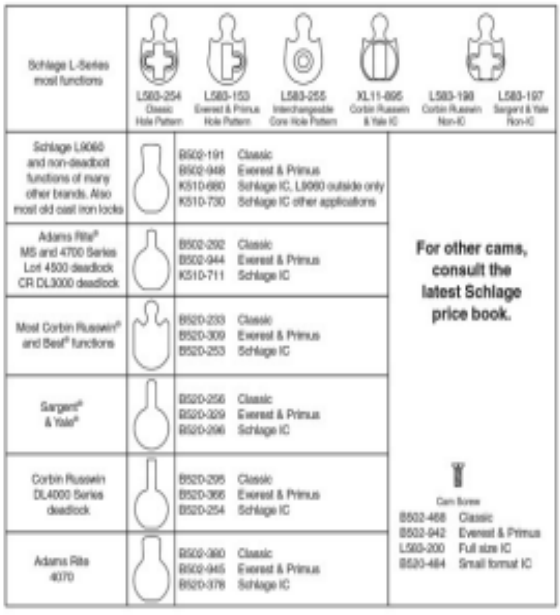
Consult product literature for hotel function cylinders and variations with collars.



		L		L6068 Only	Other Applications			
Standard	Standard	30-031	30-021			20-012*	20-073
	Primus	20-793	20-701			20-706*	20-709
	Primus UL	20-593	20-501			20-506*	20-509
Full Size Interchangeable Core	Less Core	30-016	30-032	26-090	26-097	20-080
	Standard Core	30-009*	30-092*	26-091*	20-092*	20-081*
	Primus Core	20-799*	20-792*	20-763	20-796*	20-722*
Small Format (Best Style) Interchangeable Core	Less Core	60-100	60-104	60-102	60-103	60-105
	Everest Core	60-300	60-304	60-302	60-303	60-305

* Asterisk designates numbers which include collars. See price book for additional cam and collar variations.

Mortise Cylinder Cams



Schlage L6060 and non-deadbolt functions of many other brands. Also most old cast iron locks	B502-191	Classic
	B502-948	Everest & Primus
	K510-680	Schlage IC, L6060 outside only
	K510-730	Schlage IC other applications
Adams Rite® MS and 4700 Series Lot 4500 deadlock CR DL3000 deadlock	B502-292	Classic
	B502-944	Everest & Primus
	K510-711	Schlage IC
Most Corbin Russwin® and Best® functions	B520-233	Classic
	B520-309	Everest & Primus
	B520-253	Schlage IC
Sargent® & Yale®	B520-256	Classic
	B520-329	Everest & Primus
	B520-296	Schlage IC
Corbin Russwin DL4000 Series deadlock	B520-295	Classic
	B520-366	Everest & Primus
	B520-254	Schlage IC
Adams Rite 4070	B520-360	Classic
	B502-945	Everest & Primus
	B520-378	Schlage IC

For other cams, consult the latest Schlage price book.

Cam Screw

B502-468	Classic
B502-942	Everest & Primus
L583-200	Full size IC
B520-484	Small format IC

Interchangeable Cores



Full Size		Small Format	
Conventional	23-030	Everest restricted uncombinated	80-036
Primus	20-740	Everest restricted combinated	80-037
		Generic 7-pin uncombinated	80-033
		Generic 6-pin uncombinated	80-043

Rim Cylinders



Conventional (shown)

Standard	20-022
Primus	20-710
Primus UL	20-510

Full Size IC

Less core	20-079
Conventional core	20-057
Primus core	20-757

Small Format IC

Less core	80-129
Everest core	80-329

DEADLATCHES

B250

#12-100 Square corner, 1-1/8" x 2-1/4" std w/2-3/8" backset
#12-103 Square corner, 1-1/8" x 2-1/4" w/ 2-3/4" backset

S-Series

#16-203 Square corner, 1" x 2-1/4" standard, 2-3/8" or 2-3/4" BS available
#16-204 1/4" radius round corner, 1" x 2-1/ 4", 2-3/8" or 2-3/4" BS available
#16-132 Square corner, 1" x 2-1/4", 5" BS

D-Series

#14-047 Square corner, 1-1/8" x 2-1/4", 2-3/8" BS
#14-019 Square corner, 1-1/8" x 2-1/4", 2-3/4" BS
#13-019 Marine latch, 1-1/8" x 2-1/4", 2-3/4" BS
#14-042 **Fire Door Latch,** 3/4" throw, 1-1/8" x 2-1/4", 2-3/4" BS
#14-028 Square corner, 1-1/8" x 2-1/4", 3-3/ 4" BS

F-Series

#16-207 Square corner, 1" x 2-1/4", 2-3/8" or 2-3/4" BS available
#16-209 1/4" Radius round corner, 1" x 2-1/4" 2-3/8" or 2-3/4" BS available
#16-212 Circular, drive-in, 626 drive-in
#16-211 Triple Option, standard
#16-126 Square corner, 1" x 2-1/4", 5" BS

A-Series

#11-085 Sqr corner, 1" x 2-1/4", 2-3/8" BS
#11-088 1/4" Radius round corner, 1" x 2-1/4", 2-3/8" BS
#11-104 1" Circular, drive-in, non-UL, 2-3/8" BS
#11-091 Sqr corner, 1" x 2-1/4", 2-3/4" BS
#11-096 Square corner, 1-1/8" x 2-1/4", 2-3/4" BS
#11-092 1/4" Radius round corner, 1" x 2-1/4", 2-3/4" BS available
#11-105 1" Circular drive-in , non-UL 2-3/4" BS
#11-103 Square corner, 1-1/8" x 2-1/4", 3-3/4" BS

LATCH FRONT ADAPTER

- Used to convert 1" wide square front faceplates for 1-1/8" wide door preparations.
- Furnished in black plastic.
- Item **#A501-878**

STRIKES

B250

#10-001 Square corner, T-strike, box, 1-1/8" x 2-3/4" standard
#10-004 1/4" Radius round corner, T-strike, box, 1-1/8" x 2-3/4"
#10-025 ANSI, no box, 1-1/4" x 4-7/8"

BC100

#10-064 Circular drive-in, thimble strike, 1-3/ 16"dia, 494 (for 626) only
#10-087 ANSI, box 1-1/4" x 4-7/8"
#10-092 1/4" radius round corner, full lip, no box, 1-5/8" x 2-1/4"
#10-094 Square corner, box 1-1/8" x 2-3/4", standard
#10-095 Square corner, full lip, no box, 1-5/8" x 2-1/4"

S-Series

#10-001 Square corner, T-strike, box, 1-1/8" x 2-3/4" standard
#10-025 ANSI, no box, 1-1/4" x 4-7/8"
#10-026 Square corner, full lip, no box, 1-5/8" x 2-1/4"
#10-027 1/4" Radius round corner, full lip, no box, 1-5/8" x 2-1/4"

SPRING LATCHES

D-Series

#14-019 Square corner, 1-1/8" x 2-1/4", 2-3/4" BS
#13-019 Marine latch, 1-1/8" x 2-1/4", 2-3/4" BS
#14-028 Square corner, 1-1/8" x 2-1/4", 3-3/4" BS

F-Series

#10-026 Square corner, full lip, no box, 1-5/8" x 2-1/4"
#10-027 1/4" radius round corner, full lip, no box, 1-5/8" x 2-1/4"
#10-001 Square corner, T-strike, box 1-1/8" x 2-3/4", standard for UL listed books
#10-063 10-026 and 10-027 combination, std
#10-025 ANSI., no box 1-1/4" x 4-7/8"

A-Series

#11-068 Sqr corner, 1" x 2-1/4", 2-3/8" BS
#11-069 1/4" Radius round corner, 1" x 2-1/4", 2-3/8" BS
#11-110 1" Circular, drive-in, non-UL, 2-3/8" BS
#11-111 Sqr corner, 1" x 2-1/4", 2-3/4" BS
#11-116 Square corner, 1-1/8" x 2-1/4", 2-3/4" BS
#11-112 1/4" Radius round corner, 1" x 2-1/4", 2-3/4" BS available
#11-113 1" Circular drive-in , non-UL 2-3/4" BS
#11-118 Square corner, 1-1/8" x 2-1/4", 3-3/4" BS

DEADBOLTS

BC100

#12-268 Circular, drive-in, 626 only, 2-3/8" or 2-3/4" BS available
#12-269 1/4" radius round corner, 1" x 2-1/ 4", 2-3/8" or 2-3/4" BS available
#12-270 Triple option, 1/4" radius round corner faceplate with 1" x 2-1/4" square corner and circular faceplates, 2-3/8" or 2-3/4" BS available
#12-274 Square corner, 1" x 2-1/4" standard, 2-3/8" or 2-3/4" BS available
#12-280 12-274 with adapters for 1-1/8" faceplate and 1" housing bore, 2-3/ 8" or 2-3/4" BS available

LONG BACKSETS

- A-Series locks with 5" backsets are normally furnished with 1" faceplates and 7/8" housings, 2-3/8" backset and extension links.
- Links installed in 1" latch holes require one #A501-567 sleeve (ordered separately) to join latch and link.
- **#41-005 Extension Link**
- **#A501-567 Sleeve**

HAVING DIFFICULTIES FINDING THAT SPECIAL ITEM!

CALL US!

WE HAVE CONTACTS AT 100's OF MANUFACTURERS AND DISTRIBUTORS.

WE CAN FIND YOUR ITEM FOR YOU!

CALL TODAY!

1-800-238-4566

SIMPLEX

LOCK PARTS



#201019
Knob Retention Spring



#201144-260
2-3/4" Latch



#201278
Install Wrench



#201429
Combination Chamber



#201430
Clutch. Sub. Assortment

SLIDE-CO

#15410
MORTISE LOCK FOR W & F

#15410F
MORTISE LOCK FOR W & F

#2190E
PLASTIC SLEEVE FOR HON 2190 FILE CABINET

#2190G
C MOUNTING CLIP FOR HON 2190 FILE CABINET

#14418
WAFER CYLINDER FOR #14416

#1505
WEISER KEYWAY, KD

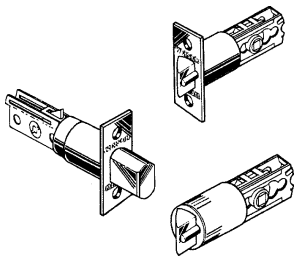
#1505-SG-KD
SCHLAGE KEYWAY-KD

#K5061
PROFILE CYLINDER, BRASS, DOUBLE CYLINDER, YALE (Y1) KEYWAY

#K5062
PROFILE SGL CYLINDER, WEISER KEYWAY, BRIGHT BRASS

WEISER

LATCHES



ADJUSTABLE DEABOLT LATCH
#A74460 1" Deadbolt, Square
#A76469 1" Deadbolt, Drive-In

5" FIXED BACKSET DEADBOLT LATCH
#A74450 1" Deadbolt, Square

AC SERIES INTERIOR FUNCTION SPRING LATCHES
#A52860 Square
#A50869 Drive-In

PA,A,LA SERIES & HANDLESETS INTERIOR FUNCTION SPRING LATCHS
#A52460 Square
#A50469 Drive-In

DEADLOCKING LATCHES
#A52460D Square
#A50469D Drive-In

5" FIXED BACKSET SPRING & DEADLOCKING LATCHES
#A52450 Spring, Square
#A52450D Deadlocking, Square

CATALOGS

AUTO SECURITY PDTS (ASP)

ILCO AUTO/TRUCK REFERENCE GUIDE

ESP

HPC

ILCO 60R

JET

CHICAGO

#D9401
KEY CODE BOOK

Binder includes coding for the most frequently used single bitted, double bitted and pin tumbler keys

HUDSON

#HU-CODE
CODE BOOK

The Hudson Lock Code Book comes in a three ring binder, constructed of heavy guage PVC material, contains over 200 current Hudson Lock codes.

ILCO

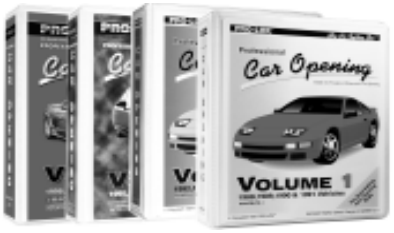


KREATE-A-KEY PREMIUM CODE SOFTWARE

- Includes information for automotive, commercial and residential applications
- Has key blank data for all major key blank manufacturers and original automotive suppliers
- Communicates and works with the Ultracode Key machine plus HPC's CodeMax, Silca's old style Unocode and Unocode 399; and ITL's 9000 and 950 machines

PRO-LOK

CAR OPENING MANUALS



#MACBVOL1
Volume 1

Contains more than 300 pages and 500 pictures of detailed car opening procedures. Covers car opening of foreign and domestic vehicles from 1988 through 1991. Comes with a three ring binder with tabs. 5-1/2" x 8-1/2".

#MACBVOL2
Volume 2

Contains more than 350 pages and 600 pictures of detailed car opening procedures. Covers car opening of foreign and domestic vehicles from 1992 through 1994. Comes with a three ring binder with tabs. 5-1/2" x 8-1/2".

#MACBVOL3
Volume 3

Contains more than 400 pages and 900 pictures of detailed car opening procedures. Covers car opening of foreign and domestic vehicles from 1995 through 1997. Comes with a three ring binder with tabs. 5-1/2" x 8-1/2".

#MACBVOL4
Volume 4

Contains more than 300 pages and 800 pictures of detailed car opening procedures. Covers car opening of foreign and domestic vehicles from 1998 through 2000. Comes with a three ring binder with tabs. 5-1/2" x 8-1/2".

#MA-CBBIN
Replacement Binder

Replacement binder for car opening manuals

#ZMA-CBT
Replacement Tabs

Replacement tabs for car opening manuals



CAR OPENING UPDATES

Contains between 114 and 144 full color pages and between 221 and 300 detailed photos. Covers car opening of foreign and domestic vehicles. 5-1/2" x 8-1/2"

#MACBUP98 - 1998 Update

#MACBUP99 - 1999 Update

#MACBUP00 - 2000 Update

#MACBUP01 - 2001 Update

#MACBUP02 - 2002 Update

#MAEZ2
E-Z PICKING MANUAL

Packed with full coor cut-away illustrations and detailed instructions. Understand the art and science of lock picking. 100 pgs.



THE AUTOMOTIVE LOCK SERVICING MANUAL

Composed of more than 2100 pages, 4300 photos, and 650 illustrations. This series is the most comprehensive series of auto lock servicing books. Each manual is specific to a manufacturer.

#MALSSET - 5 Volume Set
(Includes all of the following volumes)

#MALSHON - Honda Servicing-Volume H

#MALSNIS - Nissan Servicing - Volume N

#MALSMAZ - Mazda Servicing - Volume M

#MALSTOY - Toyota Servicing - Volume T

#MALSUP96 - Update for Vol. H, N, & T

NATIONAL



KEY CODE BOOKS

#D8001
PIN TUMBLER KEY CODES

Includes the most popular National key codes: GM1 sereis, GM2 sereis, GM2A series, GM300 series, GM600 series and GM 700 Series

#D8002
DISC TUMBLER & LEVER TUMBLER KEY CODES

Includes the most popular National key codes: standard 4 tumbler series, standard 5 tumbler series, standard 6 tumbler series 5 tumbler prefix RD series, 5 tumbler prefix GF series, 5 tumbler prefix SK and KS series, 6 tumbler prefix SK and KS series and 5 lever tumbler series 8LLT.

HPC



HAND-HELD SOFTWARE

- This compact unit enables you to carry your entire shop with you everywhere. Find a code, open a vehicle, review a master key system, write an invoice, take notes, check your calender, record a message, write a letter, check your to-do list, send e-mail, and surf the web on the job site or white sitting in your van.
- Includes: MS Pocket Word, Excel, Access, PowerPoint, Outlook, Internet Explorer, 56K modem, Voice Recorder, PLUS HPC's CE Software on a Compact Flash Card.

#CS-CEHPC - Hand held PC & Codesource CE

#CEHPC - Hand held PC, Codesource CE and Interactive Car Opening Authority

CODESOURCE™ CE for Hand-Held PCs

- This software was designed specifically to be used on the Hand-Held PCs that use Window CE Pro operating system.
- Software displays depth and space measurements, key blanks, jaw and cutter information
- It includes instant access to well over 2.5 million codes
- Allows you to search for a code by code number, manufacturer and Blitz or Punch code card number
- Includes ability to search by partial bitting

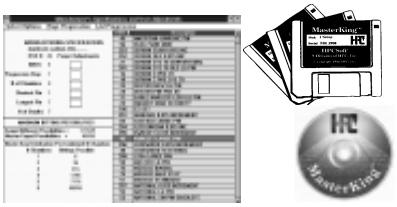
INTERACTIVE CAR OPENING AUTHORITY™ CE for Hand-Held PCs

- This software clearly depicts and explains the different techniques ofthe 13 methods of car opening. It gives you opening information for the last 15 years of cars, vans, SUV's and more.
- Easy to use index links you to vehicle models, methods of opening, tools, and subjects of special interest
- Opening methods pages take you step by step through all of the different opening techniques.



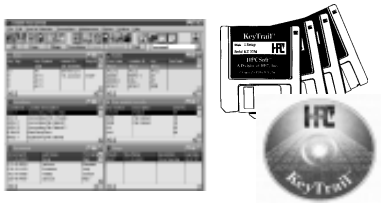
CODESOURCE™ The Ultimate Code Retrieval Program

- Software displays depth and space measurements, key blanks, jaw and cutter information
- It includes instant access to well over 2.5 million codes
- Allows you to search for a code by code number, manufacturer and Blitz or Punch code card number
- Includes ability to search by partial bitting
- Can be installed on an individual PC or Network
- Available in sections (lockshop, padlock, & vehicle codes)
- Available on **CD-ROM or 3-1/2" floppy**
- Integrates with many different key machines



MASTERKING™ For Development of Superior Master Keying Systems

- Creates superior master keying systems faster than ever before. Enter some basic information and the software will generate you systems quickly and easily
- Allows manipulation of the key bitting array
- Multi-user/level password security
- Modifiable report formats
- Database feature allows you to export your systems in a number of formats
- Database includes more than 150 lock types from more than 50 manufacturers
- Allows entry of new manufacturers
- Supports cross-keying, totoal progression and rotating constants.
- Available in single user and 5-user licenses on **CD-ROM or 3.5" floppy.**



KEYTRAIL™ For Complete Management of Keys, Personnel & Locations

- Allows for flexible security. Administrator can set up an unlimited number of security profiles for other people using the system plus provides an audit trail that tracks all transactions
- Can be installed on an individual PC or a network server.
- Available in single user and 5 user licenses on either **CD-ROM or 3.5" floppy.**
- Software generates optional work orders to track cylinder and lock installation/removal, key duplication, issuring/returing keys & ring
- Also provides numerous reports on keys, key symbols, rings, locations, cores, and personnel including: personnel and the keys they hold, keys and the locations they open, personnel that have access to them, lost key report and overdue key reort, audit trail and work orders

SOFTWARE

HPC continued



KEYCHOICE™

- This is a database of thousands of key blanks that allows you to sort, search, add and update information with point and click simplicity. You can sort and search by original and substitute key blank numbers as well as by description or your hook numbers.
- Displays description of key blank application, 1200CMB and 1200PCH code card numbers, CodeMax DSD number, graphic of keyway
- Available in single user or 5-user licenses on a 3.5" floppy disk for your PC or laptop



INTERACTIVE DEPTH & SPACING GUIDE

- This software makes creating keys foolproof. By using Acrobat Reader software (included) you are able to click and browse through the key cutting information of over 350 lock types
- On the pages of the information you are seeking, the guide lists the proper cutter and punch to use so that your new key will be created to factory specifications
- It also contains direct digit cutting information for manufacturers who do not utilize indirect codes
- Available on a CD-ROM for your PC , laptop or MAC



LIVE ACTION LEARNING SOFTWARE SERIES

This sereis is a collection of interactive guides on CD-ROM for PC and MAC computers. All Live Action Learning software feature information audio, video, animation, photography and illustrations that take you step-by-step at your own pace through each topic. Perfect for all your training needs.

#HT-RKC1 - How to Re-Key Cylinders

#HT-PLX1 - How to Pick Locks (for the security specialist)

#HT-PTL1 - How to Pick Tubular Locks (for the security specialist)

#HT-MC01 - How To Master Car Opening (for the security specialist)

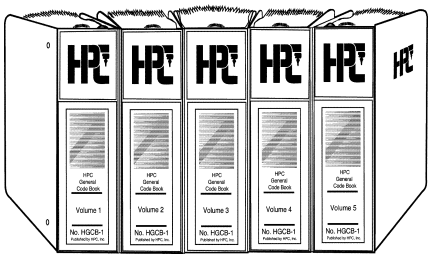
#HT-CMK1 - How to Create Master Key Systems



INTERACTIVE CAR OPENING AUTHORITY™

This guide is a computerized vehicle opening reference that serves as an educational aid and opening index. It clearly depicts and explains the different techniques of the 13 methods of car opening and gives you opening information for the past 15 years of cars, vans, SUV's and more. The software will work on a desktop or laptop PC or MAC computer and is backed by HPC's technical department.

CODE BOOKS



#HGCB-1 GENERAL CODE BOOK SET

This 6 volume set contains more than 2000 different code series from over 50 mfgs

#HFCB-3 FOREIGN CODE BOOK SET

This 3 volume set contains more than 800 different code series from over 50 foriegn manufacturers

#HPCB-2 PADLOCK CODE BOOK SET

This 4 volume set contains more than 450 different pin tumbler and combination code series from the following manufacturers: Abus, Dudley, American Junkunc, Master, Slaymaker, Yale and more

#HAC AUTOMOTIVE CODE BOOK SET

This 2 volumne set contains more than 480 automotive code series including all vehicles sold in the USA by American auto manufacturers. This domestic auto code book contains information over 16 different manufacturers

#HDSB DEPTH & SPACING GUIDE

This book contains more than 350 manufacturer specifications, including depth and spacing measurements. It also lists proper cutter and punch, jaw, 1200CMB & Punch Machine Code Card, CodeMax DSD number, key blank information, compatile. It also contains cutting information for manufactuer

REFERENCE BOOKS



#COA-22 CAR OPENING AUTHORITY

This manual serves not only as a reference book, but also as an educatinoal aid and opening index. It clearly depicts and explains all of the 13 styles of car opening plus shows you how to open virtually every vehicle for the past 15 years.

LEARNING CENTER LIBRARY

This is a series of technical manuals designed for the security professional. All manuals are written clearly and feature meticulously detailed expoded view drawings. Available in English, French, German, Japanese & Spanish

#LC-1 Basic Picking
#LC-2 Basic Tubular Picking
#LC-4 The 10-Wafer Ford
#LC-5 Basic Impressioning
#LC-6 Basic Master Keying
#LC-7 Advanced Tubular Picking
#LC-8 Basic Electricity for Locksmiths
#LC-15 Pass Key / VATS

#SCC SAFE COMBINATION CHANGING

This manual includes a collection of original direction sheets that explain how to operate and change combinations. It contains 85 pages and hundreds of illustrations and diagrams, and covers combination changing information on most of the safe locks manufactured during the last 75 years. Includes combination changing information for Diebold, Eagle, HHM, S&G, Yale and York safe locks.



#DCM DOOR CLOSER MANUAL

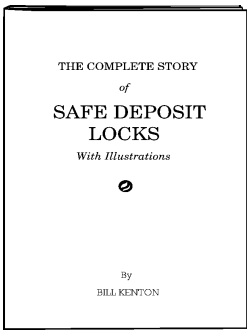
This manual gives an extensive look at the parts, services and installation of the most widely used door closers including Corbin, Hager Hinge,LCN, Norton and more. The manual is designed for the serious security hardware specialist.

#SVM SAFE AND VAULT MANUAL

This manual contains valuable information covering a wide variety of safe lock topics. It contains over 250 illustrations, 1000 factory try-out combinations and a section on original factory methods of safe and vault combination changing. Sections include: Hand Changing; Key Changing; Drilling Locations; Lock Servicing; Internal Drawings; and Time Lock Operation

#TOAM-2 THE ART OF MANIPULATION

This manual will familiarize you with why manipulation, opening and servicing safes is possible and how it is accomplished. It illustrates the step-by-step procedures needed to manipulate lever type fence locks. It also explains the methods used in the rotary fence gear drive, rotary fence spring loded, straight in tail piece, bottom drop and off-set gear drive type locks.



#SDL-15 STORY OF SAFE DEPOSIT BOX LOCKS

This explains procedures on opening safe deposit box locks. Sections include: Open by Picking; Use of Door Pullers, Open by Hinge Method; Open by Drilling Method; Plugging Holes and Refinishing; and Classifcation of Types



AUDIO-VISUAL TECHNICAL EDUCATION

All HPC Audio-Visual Educational products consist of a copyrighted audio tape and an illustrated workbook with informative steps depicted in the simple illustrations.

#AA-1 Picking and Raking of Pin/Disc Tumbler locks

#AA-2 Picking of the 7-pin Tubular Lock

#AA-4 Changing Combinations on Pin Tumbler Cylinders

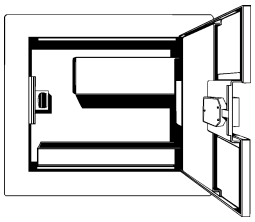
DIMARK



#BUR-MT2
CASH BOX

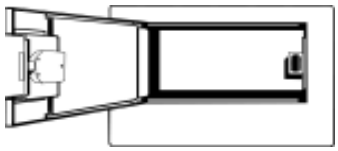
4" x 8" x 10"

HPC



WS-200

WS-100



WALL SAFES

HPC's wall safes come in two sizes and constructed of heavy gauge steel. All locking and hing points are dual reinforced steel. The door face (lip) and lock area are 14 guage steel, and the interior box is 18 gauge steel. The safe also features a tru flush for mouting with the hinge and lock below the surface, and a unique texture powder coat painting process in an attractive neutral sand color. Available with either Tubular lock with 1 key or a Combination lock (indicate 'C' next to item #)

#WS-100 Small Size - 3-3/4" x 8-1/2" x 14" inside dimensions

#WS-200 Large Size - 3-3/4" x 12-1/2" x 14" inside dimensions

MASTER



SELECT ACCESS KEY STORAGE LOCKS

- Large key storage compartment-holds over 5 door or car keys
- 4-dial resettable combination lock-provides simple, set-your-own combination convenience
- Solid die cast body-reinforced to withstand hammering and sawing
- Zinc lock body and shutter door-weather resistant for years of dependabe operation
- Attractive design-blends with decor to minimize attention

#5400D - Shackle version
#5401D - Wall attaching version (hardware included)

SPECIALTY PRODUCTS



CAN SAFES

- 100% genuine product containers remanufactured into unique storage safes.
- Increases Retail Sales
- Enhances Retail Appearance
- Perfect Gift Packaging
- Tamper Resistant Clam Shell Package
- Four Language Insert (English, Spanish, French and German)
- Four Color High Impact Insert
- UPC Coded

Available for the following products:

Ajax	Pledge	Scotchgard
Rave Hairspray	Desenex	
STP Oil Treatment	Liquid Wrench	
JB Engin Degreaser		Puncture Seal

SUPRA



KEY STORAGE PRODUCTS



#394
C3 Portable Dial Combination Key Box

- Resettable combination
- Rubber bumper protects surfaces

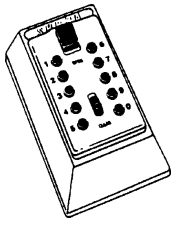
#1192
C3 Portable Stor-A-Key Pushbutton Combination Key Box

- Chrome plated
- Rubber bumper protects surfaces

#404
S5 Surface Mount Combination Key Box

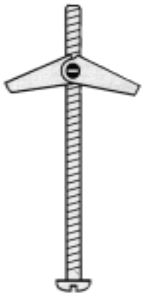
- Resettable combination
- Change combination without tools





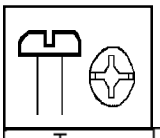
#1015
S5 Surface Mounted Pro-Series Combination Key Box

- Chrome plated



COBRA®

Spring Toggle Bolts



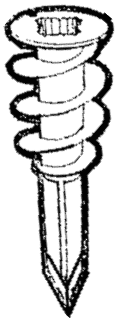
**** Spring Toggle Heads are Available Separately.**

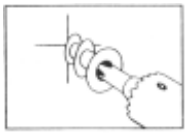
Type	Part #	Size	Drill Size	Box Qty
Truss Head Phillips / Slot	500-C-1135	1/8" x 2"	3/8"	50
	500-C-1140	1/8" x 3"		
	500-C-1145	1/8" x 4"		

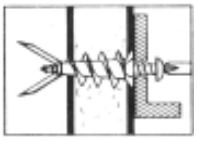
Type	Part #	Size	Drill Size	Box Qty
Round Head Phillips / Slot	500-C-1235	3/16" x 2"	5/8"	50
	500-C-1250	3/16" x 3"		
	500-C-1270	3/16" x 4"		
	500-C-1280	3/16" x 5"		
	500-C-1290	3/16" x 6"		
	500-C-1456	1/4" x 3"	3/4"	50
	500-C-1467	1/4" x 4"		
	500-C-1470	1/4" x 5"		
	500-C-1473	1/4" x 6"		
	500-C-1524	5/16" x 3"	7/8"	25
	500-C-1528	5/16" x 4"		
	500-C-1533	5/16" x 5"		
	500-C-1537	5/16" x 6"		
	500-C-1572	3/8" x 3"	1"	25
	500-C-1577	3/8" x 4"		
	500-C-1583	3/8" x 5"		
	500-C-1587	3/8" x 6"	1"	20

ELCO









ZIP-IT® A High-Speed Wallboard Anchor

Used for hollow wall applications from 3/8" to 1" wallboards.

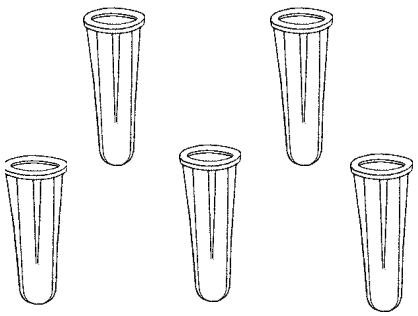
The ZIP-IT has high holding power using unique knife-like, oversized threads and tapered root designs which compact the wall material around the anchor for a safe installation.

- Drills its own hole for fast installation
- Easily removable
- Versatile: accepts a #6, #8 or #10 sheet metal or drywall screw
- Features a large collar that seats flush to surface
- Takes paint easily
- Made of DuPont ZYTEL® nylon or galvanized zinc
- Electrically non-conductive
- 50 anchors per box

	WALLBOARD THICKNESS			
	3/8"	1/2"	5/8"	3/4"
Tension Load (lbs)	50	65	80	85
Shear Load (lbs)	60	70	100	100

Item#	Description
87400	Nylon Anchors (50/box)
87402	Zinc Anchors (50/box)

SIMPSON Strong-Tie ANCHOR SYSTEMS

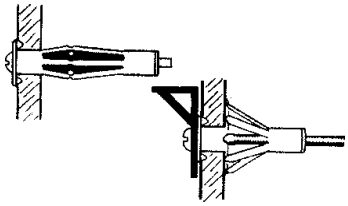


PLASTIC SCREW ANCHORS

PSA—The Plastic Screw Anchor is an expanding polyethylene plastic shield that expands as the screw is tightened. The PSA can be used in all types of base material including gypsum drywall. PSA kits are available with 100 anchors, 100 screws and a properly sized drill bit.

Screw Size(in)	Item#	Bit Dia	Embed Depth	Quantity	
				Box	Carton
#6 - #8	PSA06	3/16"	¾"	100	1,600
#10 - #12	PSA10	1/4"	¾"	100	1,600
#14 - #16	PSA14	5/16"	¾"	100	1,500

SIMPSON Strong-Tie ANCHOR SYSTEMS



HOLLOW WALL ANCHORS

HWA—Hollow wall anchors expand inside the wall cavity to provide a large bearing area for distribution of loads.

HWDA—Hollow wall anchor which permits installation in gypsum drywall without drilling.

Expander shell material: AISI C1008/1010 cold rolled steel.

HWA

Size (in)	Item #	Base Material Thickness	Quantity Box	Quantity Carton
1/8 XS	HWA12XS	1/16" - 1/4"	100	1,600
1/8 S	HWA12S	1/8" - 1/2"	100	500
1/8 L	HWA12L	5/8" - 7/8"	100	500
1/8 XL	HWA12XL	1-1/4" - 1-1/2"	50	250
3/16 S	HWA18S	1/8" - 5/8"	50	250
3/16 L	HWA18L	5/8" - 1-3/16"	50	250
3/16 XL	HWA18XL	1-1/4" - 1-3/4"	25	125
1/4 S	HWA25S	1/8" - 5/8"	50	250
1/4 L	HWA25L	5/8" - 1-3/16"	50	250
1/4 XL	HWA25XL	1-1/4" - 1-3/4"	25	125

HWDA

Size (in)	Item #	Base Material Thickness	Quantity Box	Quantity Carton
1/8 SD	HWDA12SD	1/8" - 3/16"	100	500
1/8 LD	HWDA12LD	1/8" - 1/2"	100	500

SIMPSON Strong-Tie ANCHOR SYSTEMS

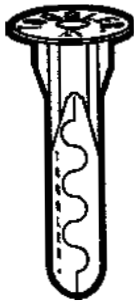


#ATPAC05KT FAST-PAC ACRYLIC-BASED ANCHORING ADHESIVE

- Use with a standard caulking tool
- Includes 5oz coaxial cartridge, adapter and mixing nozzle.

TOGGLER ANCHOR SYSTEM

TOGGLER'S ALLIGATOR SOLID-WALL ANCHORS



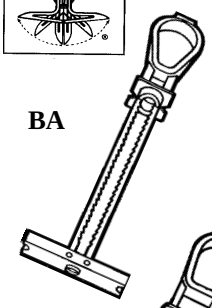
The ALLIGATOR anchor is the only anchor that extrudes the entire length of the screw. The screw extrudes and compresses all the plastic into the wall of the hole under tremendous pressure. The plastic molds and conforms exactly to the surface of the hole (including all the hole's imperfections).

#AF6 - 1/4" anchor diameter

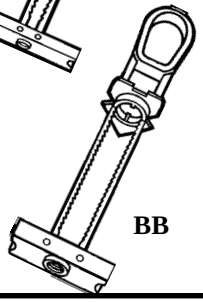
TOGGLER ANCHOR SYSTEM

TOGGLE BOLTS

BA



BB



Toggler toggle bolts pre-install without a bolt and can be installed with a screw gun--allowing for one-person installations. They also require a smaller hole and hold more weight.

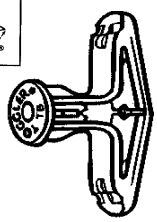
- The 3/16", 1/4", 5mm and 6mm toggle bolts require a 1/2" (13mm) hole and the 3/8", 1/2", 8mm and 10mm toggle require a 3/4" hole.
- Will not damage or break through walls even when vibrated.

#BA - (3/16" - 24)
#BB - (1/4" - 20)

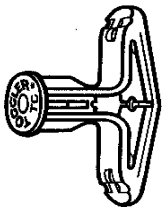
TOGGLER ANCHOR SYSTEM

HOLLOW WALL ANCHORS

TB



TC



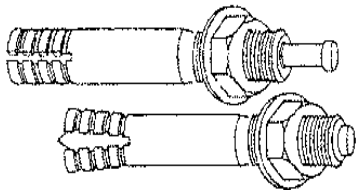
Toggler's improved hollow-wall anchors provide secure holding power for light and medium loads.

- All Toggler hollow-wall anchors install in a small 5/16" diameter hole. With reasonable care, you can even use your screwdriver to make the hole in the drywall.
- Will not damage or break through walls even when vibrated.

#TB - Grip range: 3/16" - 1/2"
#TC - Grip range: 5/8" - 3/4"

ALL AMERICAN ANCHORS

A PIN DRIVE EXPANSION ANCHOR

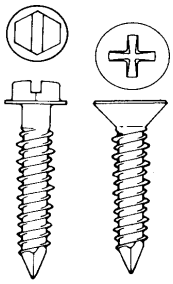


ALL AMERICAN ANCHOR™ (Stud Type)

SIZES AVAILABLE

Item#	Box Qty	Size	Item#	Box Qty	Size
14134AS	100	1/4 x 1-3/4	12234AS	50	½ x 2-3/4
14238AS	100	1/4 x 2-3/8	12312AS	50	½ x 3-1/2
56200AS	100	5/16 x 2	12434AS	50	½ x 4-3/4
56234AS	100	5/16 x 2-3/4	12600AS	30	½ x 6
56400AS	100	5/16 x 4	58400AS	30	5/8 x 4
38238AS	100	3/8 x 2-3/8	58434AS	25	5/8 x 4-3/4
38312AS	100	3/8 x 3-1/2	58600AS	25	5/8 x 6
38500AS	50	3/8 x 5	34500AS	20	¾ x 5
			34600AS	20	¾ x 6

TAPCON® MANSONRY FASTENERS



Features

- Installs quickly, 2 to 3 fasteners per minute, when using Condrive® installation tools.
- Fastener threads mechanically link to masonry, increasing joint integrity.
- Carbon steel material in a blue finish.

Specifications: Sizes: 3/16” to 5/16”; Lengths: 1” to 6”; Hex & Flat heads; Hex & Phillips Drive Systems.



CONDRIVE® 1000

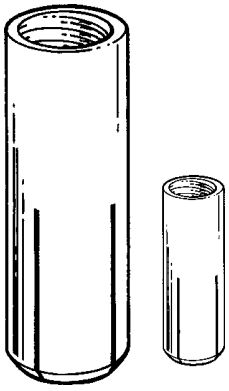
This is a two step multipurpose tool designed to be used with all sizes and styles of Tapcon Masonry Fasteners.

ANCHORS

DROP-IN

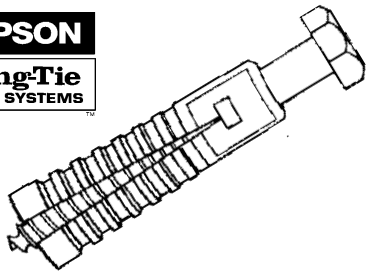
INTERNALLY THREADED EXPANSION SHELL ANCHORS

Drop-in anchors are internally threaded expansion anchors with a pre-assembled expander plug, suitable for flush mount applications in solid base material. The anchor is set by driving the expansion plug to the bottom of the anchor using the setting tool. Drop-in anchors are also available in coil-threaded versions for ½” and ¾” coil threaded rods.



MATERIAL: See table **FINISH**; Zinc plated carbon steel **INSTALLATION:** Drill a hole using a carbide tipped bit the diameter recommended from the table. The drilled hole should be 1/8” deeper than anchor length for flush mounting.

Size (mm)	Drill bit	Embed Depth (mm)	Tension Load: fc>=2000 psi (13.8MPa) Concrete Ultimate lbs(kN)	Std Dev lbs(kN)	Allow lbs(kN)	Tension Load: fc>=4000 psi (27.6 MPa) Concrete Ultimate lbs(kN)	Std Dev lbs(kN)	Allow lbs(kN)	Shear Load: fc >= 2000 psi (13.8 MPa) Concrete Ultimate lbs(kN)	Std Dev lbs(kN)	Allow lbs(kN)
1/4" (6.4)	3/8"	1" (25.4)	1,400 (6.2)	201 (0.9)	350 (1.6)	2,160 (9.6)	451 (2.0)	540 (2.4)	2,360 (10.5)	178 (0.8)	590 (2.6)
3/8" (9.5)	1/2"	1-1/2" (38.1)	2,640 (11.7)	251 (1.1)	660 (2.9)	3,960 (17.6)	367 (1.6)	990 (4.4)	4,160 (18.5)	351 (1.6)	1,040 (4.6)
1/2" (12.7)	5/8"	2" (50.8)	3,320 (14.8)	372 (1.7)	830 (3.7)	6,240 (27.8)	422 (1.9)	1,560 (6.9)	7,000 (31.1)	562 (2.5)	1,750 (7.8)
5/8" (15.9)	7/8"	2-1/2" (63.5)	5,040 (22.4)	689 (3.1)	1,250 (5.6)	8,680 (38.6)	971 (4.3)	2,170 (9.7)	11,080 (49.3)	923 (4.1)	2,770 (12.3)
3/4" (19.1)	1"	3" (76.2)	8,160 (36.3)	961 (4.3)	2,040 (9.1)	11,000 (48.9)	1,696 (7.5)	2,750 (12.2)	21,600 (96.1)	1,781 (7.9)	5,400 (24.0)



LAG SCREW EXPANSION SHIELDS

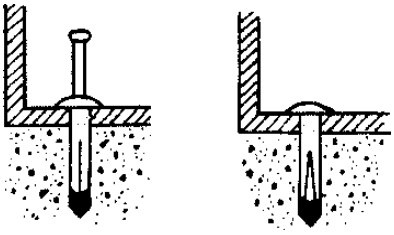
LSES—Lag Screw Expansion Shield is a die cast zinc alloy expansion shield for anchoring lag screws in a variety of base materials, especially into block, brick and mortar joints. Radial rings provide additional holding power in softer material.

MATERIAL: Die cast Zamac 3 Alloy
CODES: Meets the requirements of Federal Specifications A-A-1923A, Type 1.

LSES Tension Load Values in Concrete and Product Data

Size	Item#	Drill Bit Dia	Embd Depth	Allowable Tension Load fc>=3000 psi	Quantity Box	Quantity Ctn	Size	Item#	Drill Bit Dia	Embd Depth	Allowable Tension Load fc>=3000 psi	Quantity Box	Quantity Ctn
1/4" Short	LSES25S	1/2"	1"	100	100	500	1/4" Long	LSES25L	1/2"	1-1/2"	125	50	250
5/16" Short	LSES31S	1/2"	1-1/4"	200	100	500	5/16" Long	LSES31L	1/2"	1-3/4"	250	50	250
3/8" Short	LSES37S	5/8"	1-3/4"	325	50	250	3/8" Long	LSES37L	5/8"	2-1/2"	400	50	200
1/2" Short	LSES50S	3/4"	2"	525	25	125	1/2" Long	LSES50L	3/4"	3"	700	25	100

ANCHORS



NAILON™ PIN DRIVE ANCHORS

Nylon: NailOn is a low cost anchor for light duty applications under static loads. Special feature of the NailOn is that the nylon shell acts as an insulator when used in electrical applications.

MATERIAL: Body-Nylon, Pin-AISI 1018/1021 cold rolled steel
CODES: Meets Federal Specification A-A-1925A, Type 1.

Zinc: The Zinc NailOn's special feature is that the pin and head configuration makethis anchor tamper-proof.

MATERIAL: Body-die cast zinc zamac 3 alloy, Pin-C1008/1010 cold rolled steel
CODES: Meets Federal Specification A-A-1925A, Type 1

NAILON Tension Load Values in Concrete and Product Data

NYLON						ZINC					
Size	Item#	Head Style	Allowable Tension Load fc>=3000 psi	Quantity Box	Quantity Ctn	Size	Item#	Head Style	Allowable Tension Load fc>=3000 psi	Quantity Box	Quantity Ctn
3/16" x 1"	N18100	R,F,M	40	100	500	3/16" x 7/8"	N18100	M	175	100	500
3/16" x 1-1/2"	N18112	R,F	40	100	500	1/4" x 1"	N18112	M	185	100	500
1/4" x 1"	N25100	R,F,M	80	50	250	1/4" x 1-1/4"	N25100	M	255	100	250
1/4" x 1-1/2"	N25112	R,F,M	80	25	125	1/4" x 1-1/2"	N25112	M	285	100	125
1/4" x 2"	N25200	R,F	110	25	125	1/4" x 2"	N25200	M	285	100	125
1/4" x 3"	N25300	R,F	130	25	125	* Does not meet Federal Specifications					



COUNTERSUNK SPLIT DRIVE ANCHORS

This anchor is a one piece anchor, pre-expanded on the working end. As the anchor is driven into the hole, the expanded area comresses and exerts force against the walls of the hole. Can be installed in concrete, grout filled block and stone.

MATERIAL: Zinc plated carbon steel
SIZES: 1/4" x {1-1/2", 2", 2-1/2", 3", 3-1/2"}

SLEEVE-ALL™

Sleeve Anchors

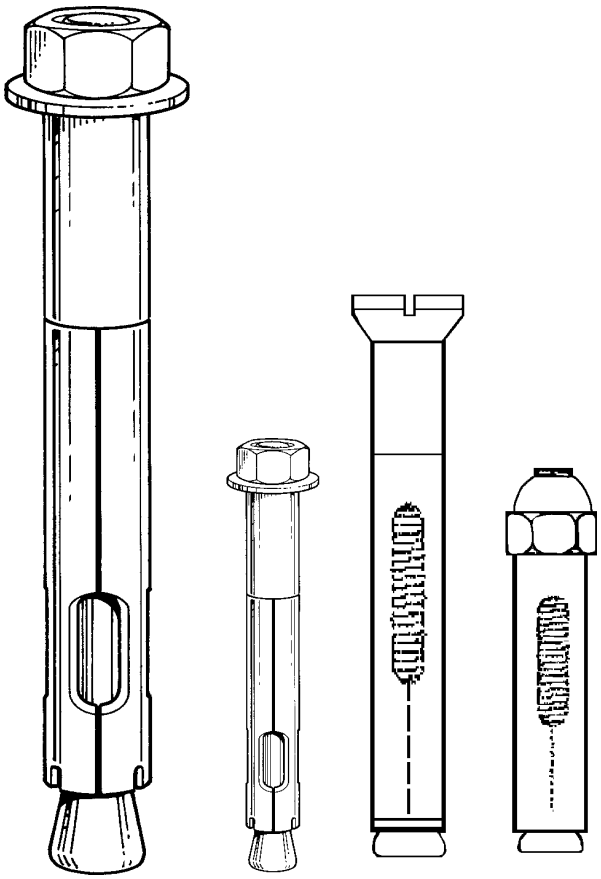
Sleeve-Alls are pre-assembled expanding sleeve anchors for use in all types of hollow and solid base materials. These anchors are available in acorn, hex, rod coupler, flat or round head styles for a wide range of applications.

MATERIAL: Carbon steel

FINISH: Zinc plated

CODES: ICBO 3631; City of LA RR24682; Dade County, FL 95-0511.04' Factory Mutual 1M6AO.AH, 3/8" – 5/8" hex nut; UL file Ex 3605, 3/8" – 5/8" hex nut. Meets Federal Specifications A-A-1922A.

NOTE: The load tables list values based upon results from the most recent testing and may not reflect those in the current ICBO and City of LA reports. Where these code jurisdictions apply, consult the current reports for applicable load values.



SLEEVE-ALL Product Data

Size	Item#	Head Style	Bolt Dia. Thread per Inch	MAX Material Thickness	Quantity Box	Quantity Ctn
1/4 x 1-3/8	SL25138	A	3/16-24	1/4"	100	500
1/4 x 2	SL25200	F,R	3/16-24	7/8"	100	500
1/4 x 2-1/4	SL25214	A	3/16-24	1-1/8"	100	500
1/4 x 2-3/4	SL25234	R	3/16-24	1-5/8"	50	250
1/4 x 3	SL25300	F	3/16-24	1-7/8"	50	250
5/16 x 1-1/2*	SL31112	H	1/4-20	3/8"	100	500
5/16 x 2-1/2	SL31212	F,H	1/4-20	1-1/16"	50	250
5/16 x 3-1/2	SL31312	F	1/4-20	2-1/16"	50	200
3/8 x 1-7/8	SL37178	H	5/16-18	3/8"	50	250
3/8 x 2-1/2	SL37212	R	5/16-18	1"	50	200
3/8 x 2-3/4	SL37234	F	5/16-18	2-1/2"	50	200
3/8 x 3	SL37300	H	5/16-18	1-1/2"	50	200
3/8 x 3-3/4	SL37334	R	5/16-18	2-1/4"	50	200
3/8 x 4	SL37400	F,H	5/16-18	2-1/2"	50	200
3/8 x 4-3/4	SL37434	R	5/16-18	3-1/4"	50	200
3/8 x 5	SL37178	F	5/16-18	3-1/2"	50	200
3/8 x 6	SL37178	F	5/16-18	4-1/2"	50	200
1/2 x 2-1/4*	SL50214	H	3/8-16	1/2"	50	200
1/2 x 3	SL50300	H	3/8-16	3/4"	25	100
1/2 x 4	SL50214	H	3/8-16	1-3/4"	25	100
1/2 x 6	SL50600	H	3/8-16	3-3/8"	20	80
5/8 x 2-1/4*	SL62214	H	1/2-13	1/2"	25	100
5/8 x 4-1/4	SL62414	H	1/2-13	1-1/2"	10	40
5/8 x 6	SL62600	H	1/2-13	3-1/4"	10	40
3/4 x 2-1/2*	SL75212	H	5/8-11	1/2"	10	40
3/4 x 4-1/4	SL75212	H	5/8-11	7/8"	10	40
3/4 x 6-1/4	SL75212	H	5/8-11	2-7/8"	5	20

Rod Coupler Product Data

Size	Item#	Accepts Rod Dia.	Quantity Box	Quantity Qty
1/4 x 1-3/8	SL25138	3/8"	50	200
1/4 x 2	SL25200	1/2"	25	100
1/4 x 2-1/4	SL25214	5/8"	20	80



TANNER®
ANCHOR EXTENDERS



#TN SAE38 – 3/8" Carbon Steel Sleeve Anchor Extenders

WEDGE-ALL Wedge Anchors

The Wedge-All is a non-bottom bearing, wedge style expansion anchor for use in solid concrete or grout filled masonry. A one-piece clip ensures uniform holding capacity that increases as tension is applied. A threaded stud version is available in nine diameters and several lengths. A single size tie-wire version is available for wire supported fixture. Threaded studs are set by tightening the nut. Tie-wire anchors are set with the claw end of a hammer.

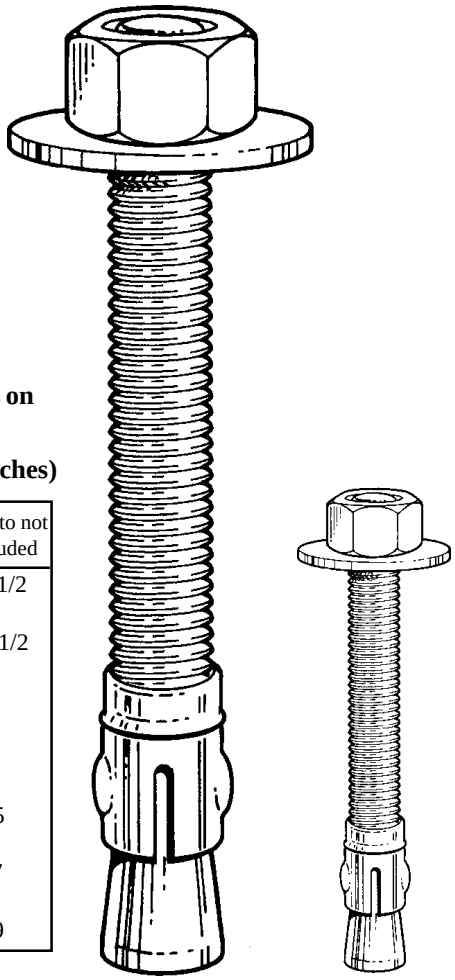
MATERIAL: Carbon steel; stainless steel

FINISH: Carbon steel anchors are available in zinc plated or mechanically galvanized.

CODE: ICBO ER 3631; SBCCI 9706; City of LA RR24682; Dade County FL 95-0511.04; Factory Mutual 1M6AO. AH; UL File Ex 3605; Meets Federal Specifications A-A-1923A, Type 4.

NOTE: The load tables list values based upon results from the most recent testing and may not reflect those in the current ICBO and City of LA reports. Where these code jurisdictions apply, consult the current reports for applicable load values.

SIMPSON Strong-Tie ANCHOR SYSTEMS™



Length Identification Head Marks on Wedge-Alls

(Corresponds to length of anchor--inches)

Mark	From	Up to not Included	Mark	From	Up to not Included
A	1-1/2	2	N	8	8-1/2
B	2	2-1/2	O	8-1/2	9
C	2-1/2	3	P	9	9-1/2
D	3	3-1/2	Q	9-1/2	10
E	3-1/2	4	R	10	11
F	4	4-1/2	S	11	12
G	4-1/2	5	T	12	13
H	5	5-1/2	U	13	14
I	5-1/2	6	V	14	15
J	6	6-1/2	W	15	16
K	6-1/2	7	X	16	17
L	7	7-1/2	Y	17	18
M	7-1/2	8	Z	18	19

Wedge-All Product Data

Size (in)	Item #	Thread Length (in)	Box Qty
1/4 x 1-1/2	TWD25112	9/32	100
1/4 x 1-3/4	WA25134	15/16	100
1/4 x 2-1/4	WA25214	1-7/16	100
1/4 x 3-1/4	WA25314	2-7/16	100
3/8 x 2-1/4	WA37214	1-1/8	50
3/8 x 2-3/4	WA37234	1-5/8	50
3/8 x 3	WA37300	1-7/8	50
3/8 x 3-3/4	WA37334	2-5/8	50
3/8 x 5	WA37500	3-7/8	50
3/8 x 7	WA37700	1-1/4	50
1/2 x 2-3/4	WA50234	1-5/16	25
1/2 x 3-3/4	WA50334	2-5/16	25
1/2 x 4-1/4	WA50414	2-13/16	25
1/2 x 5-1/2	WA50512	4-1/16	25
1/2 x 7	WA50700	5-9/16	25
1/2 x 8-1/2	WA50812	6	25
1/2 x 10	WA50100	6	25
1/2 x 12	WA50120	6	25
5/8 x 3-1/2	WA62312	1-7/8	20
5/8 x 4-1/2	WA62412	2-7/8	20
5/8 x 5	WA62500	3-3/8	20
5/8 x 6	WA62600	4-3/8	20
5/8 x 7	WA62700	5-3/8	20
5/8 x 8-1/2	WA62812	6	20
5/8 x 10	WA62100	6	10
5/8 x 12	WA62120	6	10
3/4 x 4-1/4	WA75414	2-3/8	10
3/4 x 4-3/4	WA75434	2-7/8	10
3/4 x 5-1/2	WA75512	3-5/8	10
3/4 x 6-1/4	WA75614	4-3/8	10
3/4 x 7	WA75700	5-1/8	10
3/4 x 8-1/2	WA75812	6	10
3/4 x 10	WA75100	6	10
3/4 x 12	WA75120	6	5
7/8 x 6	WA87600	2-1/8	5
7/8 x 7	WA87800	2-1/8	5
7/8 x 10	WA87100	2-1/8	5
7/8 x 12	WA87120	2-1/8	5
1 x 6	WA16000	2-1/4	5
1 x 9	WA19000	2-1/4	5
1 x 12	WA11200	2-1/4	5
1-1/4 x 9	WA12590	2-3/4	5
1-1/4 x 12	WA12512	2-3/4	5
1-1/2 x 12	WA15012	3-1/4	5

PTM-27 System 1

WORLD'S MOST VERSATILE POWDER ACTUATED TOOL

SIMPSON Strong-Tie ANCHOR SYSTEMS



FEATURES

- Simple to maintian: pateneted modular design allows for field maintenance and repairs in minutes.
- Semi-automatic firing.
- Shock absorbing Zytel handle for operator comfort.

KEY FASTENING APPLICATIONS

- General Purpose Fastening
- Drywall and Hat Track
- Sill Plate and Forming Work
- HVAC and Electrical Applications

SPECIFICATIONS

- 1/2" thru 3" fastener length.
- .300 inch or 8mm dia fastener types
- Semi-automatic firing action.
- Load Caliber: .27 Strip loads, brown thru red. (levels 2-5)
- 13-1/4" length
- Weight: 5lbs and 2 oz

TOOL BOX INCLUDED, COMPLETE WITH:

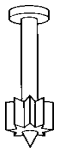
- Operator's Manual
- Spall Suppressor
- Tools for Disassembly
- Safety Glasses/Ear Plugs
- Cleaning Brushes
- Operator's Exam and Caution Sign

OPTIONS

- PTM-27W: the PTM-27 with a high power nosepiece for fastening 3" washered pins through 2x wood plates (max 2-1/2" non-washered fasteners). High power nosepiece also available separately to fit any PTM-27, order part #PTM-01106WC
- Pole tool available in 6' and 8' lengths.

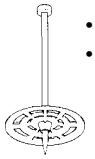
STANDARD PINS AND LOADS FOR THE PTM-27 SYSTEM 1

.300 HEADED FASTENERS



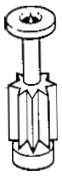
- #**PDP** -specify size
- Sizes: 1/2", 1/2" knurled, 5/8" knurled, 3/4", 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", 3"

.300 HEADED FASTENERS W/ PLASTIC WASHERS



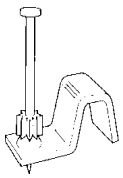
- #**PINWP** -specify size
- Sizes: 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", 3"

.300 HEADED TOPHAT FASTENERS



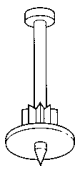
- #**PDPT** -specify size
- Sizes: 1/2", 1/2" knurled, 5/8" knurled, 3/4", 1", 1-1/4"

HIGHWAY BASKET CLIPS .300 FASTENER



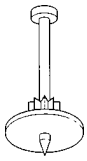
- #**PHBC** -Clip with pin. Specify pin size
- Pin Sizes: 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2"

.300 HEADED FASTENERS W/ 3/4" METAL WASHERS



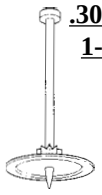
- #**PDPW** -specify size
- Sizes: 3/4", 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", 3"

.300 HEADED FASTENERS W/ 1" METAL WASHERS



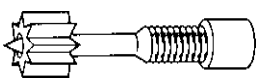
- #**PDPWL** -specify size
- Sizes: 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", 3"

.300 HEADED FASTNERS W/ 1-7/16" METAL WASHERS



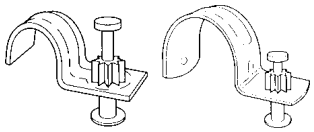
- **#PINW** - Specify Size
- Sizes: 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", 3"

1/4" - 20 LOW VELOCITY THREADED STUDS



- Call for available shank and thread lengths

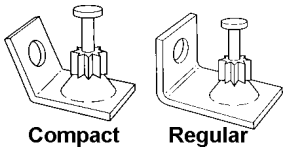
BX CABLE STRAPS & CONDUIT STRAPS



BX Cable Conduit

- **#PBXDP** - BX Cable strap with pin
- Pin Sizes: 1", 1-1/4"
- **#PCC** - Conduit Clip with pin.
- EMT Clip Sizes: 1/2", 3/4", 1"
- Pin Sizes: 1", 1-1/4"

CEILING CLIPS



Compact Regular

- #PECLDP - Compact Ceiling cip w/pin
- **#PCLDP** - Ceiling clip with pin
- Pin Sizes: 1", 1-1/4"

.27 CALIBER 10-SHOT PLASTIC STRIP LOADS



- #**P27SL2** - Brown
- **#P27SL3** - Green
- **#P27SL4** - Yellow
- **#P27SL5** - Red



GALAXY MASONRY DRILL BITS for "TAP-CONS"

- Carbide bits designed for use with masonry screws.
- **SIZES:**
  5/32 x 4-1/2" & 6-1/2"
  (for use with 3/16" masonry screws)
  3/16 x 4-1/2" & 6-1/2"
  (for use with 1/4" masonry screws)



GALAXY MASONRY DRILL BITS

- Carbide tip bits that can be used for drilling in concrete and masonry.
- For use in hammer drills, percussion type tools and standard drills (at slow RPM's).
- **SIZES:** 1/8" x 3"
  3/16" x 3"
  7/32" x 3"
  1/4" x {4", 6", 13-1/2"}
  5/16" x {4", 6"}
  3/8" x {4", 6", 13-1/2"}
  1/2" x {6", 13-1/2"}
  5/8" x {6", 13-1/2"}
  3/4" x {6", 13-1/2"}
  7/8" x 6"
  1" x {6", 13-1/2"}

REMINDER:

If you do not find the items you need, please call. We will track down hard-to-find items for you.

HAWERA CARBIDE HAMMER BITS
SDS-PLUS & SDS-MAX™

- For drilling in concrete, brick, stone, and other masonry materials.
- All tips exclusively "HL grade" carbide (HL20)
- Annealed shafts help prevent breakage
- Shot peened for torque twist protectoin
- All bits fall within 90-100% on the ISO standards.



SDS-PLUS

- Fits all rotary hammers with SDS-Plus and Hilti® TE-C+ chucks. Only use diameters up to 5/8" for Hilti TE 12S.
- Maximum energy per hammer blow delivered through positive drive slots.
- Special fluting-designed to drill 15% faster than the average drill.
- Asymmetrical spiral, undercut double fluting speeds debris evacuation to reduce heat and extend drill life.
- Individually packed in reusable vinyl pouches or bulk packs available.

SIZES: 5/32", 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8" and 1"



SDS-MAX™

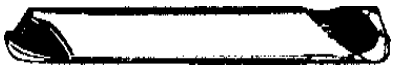
- Fits all Bosch SDS-MAX™ and Hilti® TE-54, TE-55, TE-52, TE-60, TE-72, TE-74, TE-75, TE-93, TE-94 hammer drills.
- Vario-fluting body design extracts dust faster.
- Tapered body transfers more torque to the carbide cutting heads.
- Four carbide cutting edges drill 15% faster than standard bits.
- Meets 90-100% ISO standards
- Sizes below 5/8" diameter are single tip (2-cutter) head design.
- All tips exclusively "HL grade" carbide (HL20)

SIZES: 5/32", 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8" and 1"



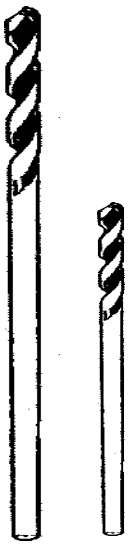
GENERAL PURPOSE DRILL BITS

- Type 100 - 118 degree point for general purpose drilling in metal, plastics, and wood.
- **SIZES:** wire sizes 53 thru 80.



DOUBLE END DRILL BITS

- Type 140 - 135 degree split point for drilling in thin sheet metal, wood and plastic.
- **SIZES:** #30, 1/8, 5/32, 3/16, 7/32 & 1/4.



DRILL BITS 6" & 12" EXTENSIONS

- Type 166 - (6") 135 degree split point for drilling in hard to reach places.
- **SIZES:** 1/8, 9/64, 5/32, 11/64, 3/16, 13/64, 7/32, 15/64 & 1/4
- Type 168 (12") - 135 degree split point for drilling in hard to reach places.
- **SIZES:** 1/8 thru 1/2 (by 1/64th fractionals)



HEAVY DUTY FRACTIONAL DRILL BITS

- Type 190 - 135 degree split point. Bit will not walk.

SIZES

1/16	7/32	3/8
5/64	15/64	25/64
3/32	1/4	13/32
7/64	17/64	27/64
1/8	9/32	7/16
9/64	19/64	29/64
5/32	5/16	15/32
11/64	21/64	31/64

Type 190 Wire Sizes: 1 thru 52
Type 190 Letter Sizes: A thru Z



HEAVY DUTY COBALT FRACTIONAL DRILL BITS

- Type 150 - Use to drill hard, tough metals, free machining grades of stainless steels, high temp alloys, titanium, and certain abrasive plastics. For best results, positive feed drilling equipment should be used.

SIZES

1/8	1/4	3/8
9/64	17/64	25/64
5/32	9/32	13/32
11/64	19/64	27/64
3/16	5/16	7/16
13/64	21/64	29/64
7/32	11/32	15/32
15/64	23/64	31/64
		1/2

COBALT WIRE SIZES

3	25	38
7	29	43
14	33	45
16	36	47
21	37	50
		53

COBALT LETTER SIZES

F, I, Q & U



FRACTIONAL DRILL BITS Stub Bits (Thrust Drills)

- Type 135 - 135 degree split point. A short, heavy duty bit, designed for use in portable power drills.

SIZES

1/16	7/32	3/8
5/64	15/64	25/64
3/32	1/4	13/32
7/64	17/64	27/64
1/8	9/32	7/16
9/64	19/64	29/64
5/32	5/16	15/32
11/64	21/64	31/64
3/16	11/32	1/2
13/64	23/64	



FRACTIONAL DRILL BITS Reduced Shanks

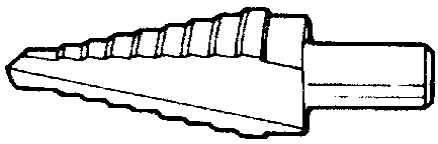
- **Type 125 -** 118 degree split point. A heavy duty bit with 1/4" shank.

SIZES

17/64	11/32	27/64
9/32	23/64	7/16
19/64	3/8	29/64
5/16	25/64	15/32
21/64	13/32	31/64
		1/2

- **Type 128 -** 118 degree general purpose bit with 3/8" shank.

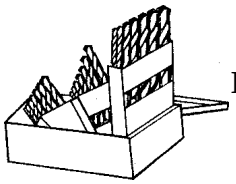
SIZES: 7/16, 15/32, 1/2 & 5/8"



UNIBIT STEP DRILLS

- Self-starting, multiple size bit.
- Used for steel, copper, brass, aluminum and other thin materials.

#1 - Drills 13 hole sizes from 1/8" to 1/2"
#2 - Drills 6 hole sizes from 3/16" to 1/2"
#3 - Drills 9 hole sizes from 1/4" to 3/4"



DRILL BIT SETS

- Type 921 - 135 degree split point heavy duty bits. Industrial quality.

SETS

10pc - (1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32 & 1/4")
11pc - (1/16 - 3/8" by 32nds)
13pc - (1/16 - 1/4" by 64ths)
15pc - (1/16 - 1/2" by 32nds)
21pc - (1/16 - 3/8" by 64ths)
26pc - (Letter sizes A-Z)
29pc - (1/16 - 1/2" by 64ths)
60pc - (Wire sizes 1-60)
Empty drill bit index - 13, 21, 26, 29 & 60pc



SILVER & DEMING BITS Reduced Shanks

- **Type 130** - 118 degree Industrial bits with 1/2" shanks

SIZES

33/64	21/32	51/64	15/16
17/32	43/64	13/16	61/64
35/64	11/16	53/64	31/32
9/16	45/64	27/32	63/64
37/64	23/32	55/64	1
19/32	47/64	7/8	1-1/16
39/64	3/4	57/64	1-1/8
5/8	49/64	29/32	1-5/32
41/64	25/32	59/64	1-3/16
			1-1/4



SCREW EXTRACTORS

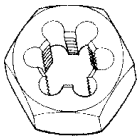
- Hi-carbon steel. Used to remove broken screws, bolts, threaded parts and pipe. Drill a hole in broken part, insert extractor and turn to the left.

SIZE	CAPACITY	DRILL SIZE
1	3/32 - 5/32	5/64
2	5/32 - 7/32	7/64
3	7/32 - 9/32	5/32
4	9/32 - 3/8 and 1/8 pipe	1/4
5	3/8 - 5/8 and 1/4 pipe	17/64

- **SE-5** - 5pc screw extractor set

BORING TOOLS

DIES
HEX, ROUND, & ADJUSTABLE



- Many types and sizes of dies are available from stock. Call with the size and quanity needed.

PIPE TAPS



SIZE	DRILL BIT
1/8 - 27	11/32
14 - 18	7/16
3/8 - 18	37/64
1/2 - 14	23/32
3/4 - 14	59/64

PLUG TAPS



- 3 to 5 threads are chamfered. For general use, when tapping to the bottom of a hole is not critical.
- Sizes: See chart below

TAPER TAPS

- 8 to 10 threads are chamfered. For easy thread starting in tough materials.
- Sizes: See chart below

BOTTOM TAPS

- 1-1/2 threads are chamfered. Use after threads have been started for tapping to bottom of hole.
- Sizes: See chart below

SIZES

4-40	10-32	3/8-16	9/16-12
5-40	12-24	3/8-24	9/16-18
6-32	1/4-20	7/16-14	5/8-11
6-40	1/4-2/8	7/16-20	3/4-10
8-32	5/16-18	1/2-13	7/8-9
10-24	5/16-24	1/2-20	1-8

#04-137
COUNTERSINKS / WOOD



- 82 degree angle, for wood and plastic. For use in 1/4" or larger chucks. (1/2" dia)

COUNTERSINKS
WOOD / METAL



- 82 degree angle, for soft metal. For use in 1/4" or larger chucks.

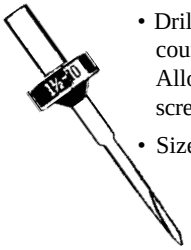
#04-140 - 1/2" dia.
#04-142 - 5/8" dia.
#04-144 - 3/4" dia.

#195
HIGH SPEED
STEEL COUNTERSINKS



- 5-flute design assures chatter free countersinking on steel, brass, aluminum, plastic, wood and other materials.
- Sizes: 1/2", 5/8" & 3/4"

SCREW-MATE
DRILL & COUNTERSINKS



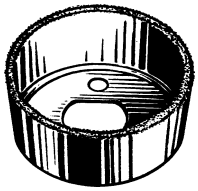
- Drills correct screw size and countersinks to correct depth. Allows for easier insertion of screws.
- Sizes: 3/4" x {#6, #8}
  1" x {#6, #8, #10}
  1-1/4" x #10
  1-1/2" x {#8, #10, #12}
  2" x {#10, #12}

ADJUSTABLE
SCREW-MATES

- Can be adjusted for various screw lengths.

#04-621 - For #6 screws
#04-622 - For #8 screws
#04-623 - For #10 screws

MORSE
INDIVIDUAL
HOLE SAWS



- Variable pitch, bi-metal construction.

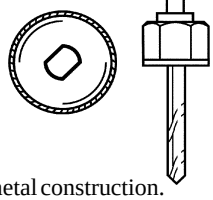
SIZES

9/16	1-3/4	3-1/4
5/8	1-7/8	3-1/2
3/4	2	3-3/4
7/8	2-1/8	4
1	2-1/4	4-1/8
1-1/16	2-3/8	4-1/4
1-1/8	2-1/2	4-1/2
1-1/4	2-5/8	4-3/4
1-3/8	2-3/4	5
1-1/2	3	5-1/2
1-5/8	3-1/8	6

MANDRELS

- **44 -** 7/16" hex shank
  Fits 9/16 to 1-1/2" hole saws
- **44K -** 7/16" hex shank
  Fits 9/16 to 6" hole saws
- **45P -** 7/16" hex shank
  Fits 1-1/4 to 6" hole saws
- **55P -** 5/8" hex shank
  Fits 1-1/4 to 6" hole saws

MORSE
HOLE SAWS WITH ATTACHED ARBORS

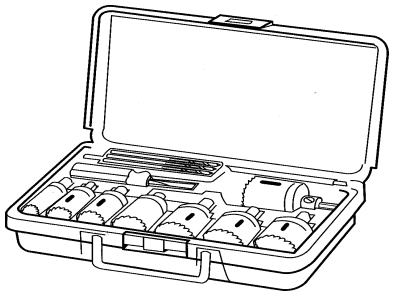


- Variable pitch, bi-metal construction.
- Built-in arbor eliminates need for separate pieces.

SIZES

9/16	1-3/4	3-1/4
5/8	1-7/8	3-1/2
3/4	2	3-3/4
7/8	2-1/8	4
1	2-1/4	4-1/8
1-1/16	2-3/8	4-1/4
1-1/8	2-1/2	4-1/2
1-1/4	2-5/8	4-3/4
1-3/8	2-3/4	5
1-1/2	3	5-1/2
1-5/8	3-1/8	6

- **MPD4 -** 1/4 x 4-1/2" 3-sided pilot bit
- **MPD4N -** 1/4 x 4-1/2" 3 sided pilot bit for use with set screws

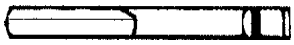


MORSE

HOLE SAW KITS

- **#TA03L** - Locksmith Kit
  Includes: 8 hole saws (from 3/4" to 2-1/8")
  1 - slotted screwdriver, 4 drill bits & carrying case.
- **#AVO2E** - Electrician's Kit
  Includes: 6 hole saws (from 7/8" to 2-1/2")
  1 - #45P mandrel, 1- #44 mandrel & carrying case.

DRILL POINT SETS



- 8 sizes from 1/16 - 11/64. Used in wood.
- **#04-060** - For use in any Stanley hand drill.
- **#04-069** - For use in Yankee Push Drills



PLUG CUTTERS

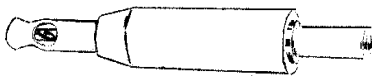
- Produces clean straight plugs when used with drill press.
- **#04-423** - For use with #10 screws
- **#04-724** - For use with #12 screws

SCREW SINK COUNTERBORES



- Drills correct screw size and countersinks to correct depth. Allows for easier insertion of screws.
- **SIZES:** 3/4" x {#6, #8}
  1" x {#6, #8, #10}
  1-1/4" x {#8, #10}
  1-1/2" x {#8, #10, #12}
  2" x #12

VIX BIT



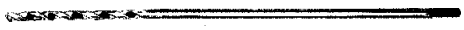
- Self-centering drill bit.
- Drills in metals, plastics, wood and other materials.
- **SIZES:** **#3** - Drills 5/64" hole
  #5 - Drills 7/64" hole
  #9 - Drills 9/64" hole
- Replacement bits, springs and guides are available.

ARCO BRAD POINT WOOD BITS



- Brad point digs into workpiece to begin drilling at exact point desired
- All bits have 1/4" or smaller shanks
- **SIZES:** 1/8, 3/16, 1/4, 5/16, 3/8, 7/16 & 1/2
- **#1960** - Wood bit set (includes all sizes except 7/16")

BELL HANGER BITS



- For installing small wire (w/drill shank)
- Hole in flute makes it easy to pull wires through hole in wall
- **18" Length - Available sizes:** {1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 3/4, 11/16}
- **24" Length - Available sizes:** {1/4, 5/16, 3/8}

EXPANSION BITS



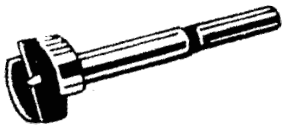
- Solid head construction
- Easy, positive adjustment for hole diameter
- **#01-710** - Cuts 5/8" - 1-3/4" holes
- **#01-711** - Cuts 7/8" - 3" holes

POWER DRILL SAW



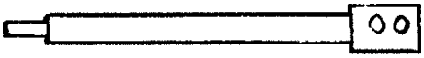
- Drills, cuts and shapes holes in wood and plastics.
- Fits in 1/4" or larger chucks (max 2,500 RPM)
- 3-3/4" long

ARCO FORSTNER BITS



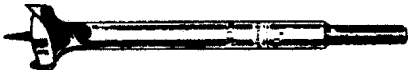
- For use in electric drills or drill press.
- Enlarges holes. Drills pocket holes, partial arcs and end grain holes, flat bottom holes and will even drill through knots.
- Outer edge keeps bit from moving off center
- Bits with 5/16" shanks: 1/4, 3/8, 1/2, 5/8, 3/4, 7/8 & 1"
- Bits with 3/8" shanks: 1-1/8, 1-1/4, 1-3/8, 1-/2, 1-5/8, 1-3/4, 1-7/8 & 2"

DRILL BIT EXTENTIONS



- 18" for 5/16 hex or 23/64 round shanks
- 18" for 7/16 hex or 1/2 round shanks
- 24" for 7/16 hex or 1/2 round shanks

POWERBORE BITS



- Heat-treated carbon steel
- Brad point - feed evenly; will not pull
- Fits 1/4" and larger chucks
- **SIZES**: 3/8, 1/2, 5/8, 3/4, 7/8 & 1"

BORING TOOLS

POLE AUGER BITS



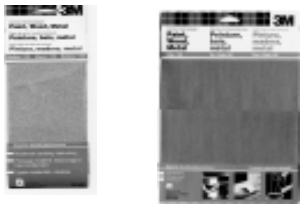
- Single twist, hollow center--for fast, continuous flow of chips
- Drill shank for drilling in poles and construction timbers
- Length: 18"
- SIZES: 1/2, 5/8, 11/16, 3/4, 13/16, 7/8, 1, 1-1/8, 1-1/4, 1-1/2 & 1-3/4"

SPEEDBOR 2000



- Extended spurs for faster, cleaner cutting
- Fits 1/4" and larger chucks
- **SIZES**: 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/8, 1-1/4, 1-3/8 & 1-1/2"
- **#88899** - 6pc set (includes 3/8, 1/2, 5/8, 3/4, 7/8 & 1")

SANDPAPER SHEETS



- Aluminum oxide / open coat.
- For use on ferrous and non-ferrous metals, wood, plastic & fiberglass
- Sizes: 9" x 11" and 3-2/3" x 9" sheets
- 40D, 50D, 60D, 80D, 100C, 120C, 180A, 220A & 320A

GARNET SANDPAPER SHEETS 9 x 11

- Natural garnet grain
- For dry sanding
- Use on soft wood
- 80D, 100C & 120C

WATERPROOF SANDPAPER SHEETS 9 x 11

- For ultra-fine finishing
- Flexible waterproof backing
- Silicon carbide grain
- For use on body filler, paint, glass & wood
- 80C, 120C, 180C, 220A, 320A, 400A & 600A

EMERY CLOTH SHEETS 9 x 11

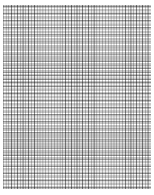
- Aluminum oxide / open coat
- Resin over resin construction
- Water resistant
- For use on steel, iron, aluminum, copper, wood, plastic, fiberglass, etc.
- 40J, 80J & 120J

SILICON CARBIDE SANDPAPER SHEETS 9 x 11



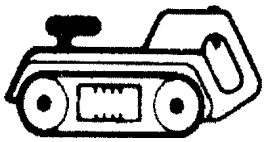
- For varnish and paint
- Sands wet for longer life
- Sharp, smooth-finishing mineral
- 220, 320 & 400 grit

SAITSCREEN SILICON CARBIDE CLOTH SCREEN 9 x 11



- Resin over resin bond
- Non-loading
- Use on fiberglass, body filler, paint, cement, ceramic, marble, metals and drywall.
- 120 grit

SANDING BELTS

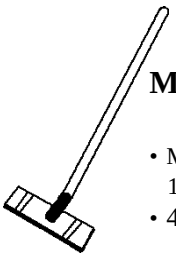


- Closed coat aluminum oxide grain
- Resin over resin construction

SIZES

3" x 21" - 50X, 60X, 80X, 100X & 120X
3" x 24" - 40X, 50X, 60X, 80X, 100X & 120X
4" x 24" - 60X, 80X & 100X

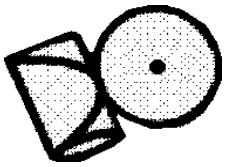
MARSHALLTOWN'S POLE SANDER



- Metal sanding bracket with a 1/2" foam pad.
- 4' wood pole included.

STIKIT™ 5" SANDING DISC ROLL

Adhesive Backed



- Aluminum oxide mineral with anti-loading coating
- For random orbital or hand sanding of bare wood, plastic/fiberglass, metal and primed or painted surfaces.
- 80D, 120A, 150A & 320A

CONTOUR SURFACE SANDING SPONGE



- 4-1/2" x 5-1/2" x 3/16"
- Rinse & Reuse
- Use on wood, pain, metal, plastic & drywall
- 3 sponge assorted pack



SMALL AREA SANDING SPONGE

- 3-3/4" x 2-5/8" x 1"
- Rinse & Reuse
- Use on wood, paint, metal, plastic & drywall
- Use wet or dry
- Fine, Medium & Course grit



CORNER SANDING SPONGE

- 3-1/2" x 6-1/4"
- Rinse & Reuse
- Ideal for flat surfaces
- Use wet or dry
- Fine, Medium & Course grit



SANDING BLOCK

- 2-7/10" x 4-9/10" sanding surface
- Heavy-duty rubber grip
- Ideal for flat surfaces

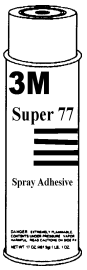


RHODES-AMERICAN STEEL WOOL

- 8 pad pack
- Super fine, Very fine, Fine, Medium-fine, Medium, Medium-Couse and Very Coarse

CALL TODAY!

1-800-238-4566



3M SUPER 77

- Multi-purpose spray adhesive
- Bonds many foils, plastics, papers, foams, metals and cardboard.
- Low mist formula
- 16-1/2oz spray can



3M SUPER 90

- High strength spray adhesive
- Bonds many foils, plastics, papers, foams, metals and cardboard
- 16-1/2oz spray can



300 CAMIE CAMBELL

- General purpose, mist spray adhesive
- Provides quick adhesion to metal, plastic, wood, paper, cork, fabrics, leather, etc.
- Offers temporary or permenant bond
- Does not contain chlorofluorocarbon
- 17oz spray can



STICK IT™ Textile Spray Adhesive

- For screen printing, embroidery and more
- Repostitional, dries to a clear permenant bond
- 10oz spray can



DAP / WELDWOOD ORIGINAL CONTACT CEMENT

- Original, premium quality
- Approx. 15 min drying time
- Sizes: 3oz, 16 oz (pt), 32oz(qt), and gallon

CAUTION: FLAMMABLE



DAP / WELDWOOD NON-FLAMMABLE CONTACT CEMENT

- Safe to use in enclosed areas
- Fast dry, high strength formula
- Sizes: 16oz, 32oz (qt) and gallon



DAP / WELDWOOD CARPENTER GLUE

- (Yellow) wood glue that provides a high strength bond
- Sets fast, sands easily and is heat, water and solvent resistant
- Sizes: 8oz, 16oz, 32oz (qt) and gallon



DAP CONCRETE BONDING ADDITIVE

- Bonds old concrete to new. Perfect for concrete patching, resurfacing and leveling.
- Excellent for capping walls, patching steps and tuck pointing
- Interior / Exterior use
- Sizes: 32oz(qt) and gallon



DAP / WELDWOOD PLASTIC RESIN GLUE

- Powered, ureaformaldehyde wood glue activated by mixing with water. Forms a bond stronger than wood itself.
- Meets federal specifications A-A-3052
- Low VOC
- Sizes: 1lbs and 4-1/2 lbs



DAP / WELDWOOD WHITE GLUE

- (White) general purpose for home, shop and school
- Sets fast, dries clear and is non-toxic
- Sizes: 16oz, 32oz & gallon

ADHESIVES



SUP-1 LOCTITE SUPER GLUE

- Bonds in seconds
- .07oz tube



T-HCT SUPER GLUE HOUSEHOLD CEMENT

- Dishwasher safe
- For porous and non-porous materials
- 1oz tube



SEAL-ALL All-Purpose Adhesive

- Weather resistant
- Not affected by gasoline or oil
- Wood, steel, aluminum, cooper, most plastics and rubber, porcelain, glass and many more!



LOCTITE QUICKSET EPOXY

- Sets in 5 minutes
- Waterproof, solvent resistant
- For wood, metal, ceramic, glass, plastic and tile



LOCTITE METAL / CONCRETE EPOXY

- Sets in 5 minutes
- For use when bonding railings, awnings, posts to brick, concrete and cinderblock
- Use on metal, concrete, cinderblock, stone, brick



LOCTITE EXTRA TIME EPOXY

- Sets in 90 minutes
- For use when large or multi-piece projects need a water-proof, highest strength bond
- Use on wood, metal, glass, ceramic, plastic and tile



PL200 CONSTRUCTION ADHESIVE

- One of Americas best selling panel adhesives
- Bonds polystyrene foam, prefinished paneling, firing strips, mirrors, steel, concrete and aluminum
- Sizes: 11 and 29 oz tubes



PL300 FOAM BOARD ADHESIVE

- Recommended for use with STYROFOAM© Brand insulation
- Waterproof, won't burn insulation
- Sizes: 11 and 29 oz tubes



PL400 SUB-FLOOR ADHESIVE

- High performance adhesive developed for subfloors and underlayment
- Bonds subfloors to wood, steel or aluminum joist
- Stays elastic, absorbs noise and prevents floor squeaks
- Sizes: 11 and 29oz tubes



DAP COVE BASE ADHESIVE

- Latex-based adhesive for installing vinyl or rubber cove base
- Quick-grab formula means no waiting or bracing
- Non-staining and excellent water resistance
- Low odor, low VOC, non-flammable and easy water clean-up
- Off-white, 10.3oz tube



3-IN-ONE MULTI-PURPOSE OIL

- Lubricates, cleans & prevents rust
- Hundreds of uses
- Size: 8oz squeeze can



3M SILICONE LUBRICANT

- FDA listed ingredients
- Fast drying lubricant for metal, rubber, plastic
- No petroleum oils
- Waterproofs and preserves
- Size: 13-1/4oz aerosol can



CAMIE 888

- Silicone release agent & lubricant
- Plastic mold release
- Fast evaporating
- Allows for rapid cycle times
- Size: 18oz aerosol can

ELMER'S SLIDE-ALL

- Dry spray lubricant
- For general household use
- Eliminates squeaking and sticking
- No oily stain
- Size: 4oz aerosol can



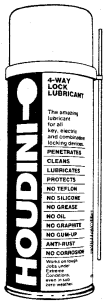
GUNK®
LIQUID WRENCH
SUPER PENETRANT

- Frees rusted bolts and parts
- Deodorized
- Available in 4oz and 16oz squeeze bottles and an 11oz spray can



HARVEY'S
THREAD
CUTTING OIL

- Cutting oil for hand tools or pipe threading machines
- For longer die life
- Clear
- Size: 32oz jug



HOUDINI
4-WAY LUBRICANT
FOR LOCKS

- For all key, electric & combination locks
- Contains NO silicones, teflons graphites or oils
- Size: 11oz spray can





#HGG / #GG16
GRAPHITE GUN
&
BULK GRAPHITE

- **#HGG** - Refillable, leak-proof, clog-proof rubber graphite gun is an excellant lubricant for machines as well as to loosen tight wafers or pins.
- **#GG16** - The finest microspray, high quality graphite comes in a 1lbs plastic drum

Gun and Graphite sold separately



#K-1
KEEDEX
SAFE-SLICK

- Specially formulated gel lubricant for professional locksmiths
- Use on locking bolts, pivot points, sliding parts, panic hardware and safes.
- Will not dry out or become gritty
- Non-penetrating and oderless
- Handy 2oz size



LAB
LUBE #LLT001

- Superior friction fighting agent
- Clean, white dry lubricant
- 100% vergin Teflon^{Ò}
- Used by major manufacturers
- Convenient squeeze tube

LubriMatic
2-CYCLE ENGINE OIL

- Formulated with high quality base oils and additives designed to improve performance, extend enging life and reduce plug fouling
- 8oz



LubriMatic
MULTI-PURPOSE
LITHIUM GREASE

- Resists heat, repels water, prevents wear
- Long lasting, high performance, hard working
- Recommended for chassis & universal joint applications, as well as general purpose use around shop, home or farm
- 4 - 3oz tubes



MEDECO
LUBE & CLEANER

- Multi-purpose lubricant
- 1.5oz spray can

LPS® Right Choice. Right Now.

#00116
LPS1--Greaseless Lubricant
- 11oz aerosol can

#00216
LPS2--Industrial Lubricant
- 11oz aerosol can

#00316
LPS3--Heavy-Duty
Rust Inhibitor
- 11oz aerosol can

#02016
TKX All Purpose Lubricant
- 11oz aerosol can

#00720
Instant Super Cleaner/Degreaser
- 20oz aerosol can

#01020
Heavy-Duty Degreaser
- 15oz aerosol can

#01420
Presolve Cleaner/Degreaser
- 15oz aerosol can

#03520
Zero-Tri Cleaner/Degreaser
- 15oz aerosol can

#03116
CFC FREE
Eletro-Contract Cleaner
- 11oz aerosol can

#04016
No Flash
Electro-Contact Cleaner
- 15oz aerosol can

3-N-1 WHITE LITHIUM GREASE SPRAY

- 10.25oz aerosol /12 per case
- Keeps metal parts lubricated
- Resists heat and moisture
- Prevents squeaking/sticking



WHITE LITHIUM GREASE

- **#WG60** -- 2oz squeeze tube / 12 per shelf pack (48pcs/cs)
- **#WG8** -- 8oz squeeze tube / 12 per case
- Keeps metal parts lubricated
- Resists heat and moisture
- Prevents squeaking/sticking



#LD-1 / #LDA-2 LOCK DE-ICER

- 1/2 oz dispenser tube / 12 per shelf pack (48pc / cs)
- Thaws frozen locks quickly
- For car/home/outdoor locks
- Convenient push-in injector

#W-51 WHITE LUBRICANT

- 1/8oz puffer tube / 12 per shelf pack (48pcs/cs)
- Zippers, travers rods, etc.
- Clean, greaseless
- Won't stain most fabrics



#F-80 FAN BELT DRESSING

- Stops squeaking
- Cures slipping
- Seals out moisture
- Guards against rust and corrosion



#LL-40 LOCK LUBRICANT

- Graphite formula
- Keeps locks working freely
- Seals out moisture
- Guards against rust and corrosion



#LS-10 GRAPHITE POWDER LUBRICANT

- High quality graphite keeps locks working freely
- Guards against sticking, corrosion, and dirt build-up
- Use for year 'round protection
- Greaseless & odorless



#30-132 PLEWS MINI-GREASE GUN KIT

- Gun holds 3oz grease tube
- One tube of PLEWS Multi-purpose grease included



RELTON RAPID TAP® CUTTING FLUID

- No ozone-depleting substances
- Improves surface finish, machining accuracy and tool life
- Sizes 4 and 16oz squeeze cans



TRI-FLOW SUPERIOR LUBRICANT with TEFLON®

- Penetrates and protects
- Multi-purpose
- Sizes: 2 and 6oz bottles; 4, 6 and 12 oz aerosol cans



WD-40®

- Stops squeaks
- Cleans and protects
- Drives out moisture
- Loosens rusted parts
- Available in 8 & 11 oz cans

ULTRA LUBE® MULTI-PURPOSE GREASE



- Made to meet the demands of many automotive and industrial applications
- 14oz tube



ALEX® PAINTERS ACRYLIC LATEX CAULK

- Applies smoothly and easily
- Adheres to wood, plaster, drywall and masonry
- Interior/Exterior use
- Paintable
- 25 Yr Durability Guarantee
- 10.1 oz tube: White



ALEX PLUS® ACRYLIC LATEX CAULK plus SILICONE

- Highly flexible and durable
- Excellent adhesion and cured caulk is mildew resistant
- Interior / Exterior use
- Paintable
- 35 Yr Durability Guarantee
- 10.1 oz tube
- White, Clear, Brown, Sl Gray, Cdr Tan, Drk Bnz, Black, Almond



RELY-ON® VINYL LATEX CAULK

- Vinyl latex for general caulking purposes
- Paintable w/ water clean-up
- 7 Yr Durability Guarantee
- 10.1 oz tube - White

DYNAFLEX 230® PREMIUM ELASTOMERIC LATEX SEALANT



- Combines flexibility and durability of silicone with the easy tooling, paintability and low odor of a latex.
- Provides excellent adhesion and a watertight, weatherproof seal
- Interior/Exterior use
- 50 Yr Durability Guarantee
- 10.1 oz tube
- White, Alm Gray, Clear, Almond

PREMIUM POLYURETHANE ADHESIVE SEALANT



- Provides a permanent, waterproof seal when filling exterior gaps, joints and cracks.
- Remains permanently flexible
- Paintable w/ water clean-up
- 50 Yr Durability Guarantee
- 10.1 oz tube
- White, Bronze, Limestone

PREMIUM POLYURETHANE ROOF & FLASHING SEALANT



- A one-part, moisture-curing, fast-skinning commercial grade sealant
- Provides a permanent, waterproof seal for filling exterior gaps and joints in a variety of roof surfaces
- Remains permenantly flexible
- Paintable
- 50 Yr Durability Guarantee
- 10.1 oz tube-- Black

GUTTER & FLASHING BUTYL-FLEX® SEALANT



- Butyl rubber formula provides a durable, flexible and water tight seal for gutters, drain, spouts, lap joints, flashings, roof vents, aluminum siding and other metal joints.
- Stands up to weather and temperature extremes
- 10.1 oz tube
- White, Gray

BLACK JACK® FLASHING CEMENT



- Rubberized elastomeric cement
- Up to 50 times stronger than plastic roof cement
- Remains flexible and watertight for up to 30 years
- Can be applied in standing water
- 10oz tube

BLACK JACK® MULTI-USE ASPHALT ROOF PATCH



- Waterproof-forms a tight, strong seal
- Versatile-use on dry or damp surfaces
- Flexible-stays soft and pliable
- 10oz tube

PREMIUM POLYURETHANE CONCRETE & MASONRY SEALANT



- One-part, moisture curing, fast skinning sealant
- Provides a permanent, waterproof seal when filling exterior gaps and cracks in concrete, stone and masonry.
- Permanently flexible
- Paintable & textured
- 50Yr Durability Guarantee
- 10oz tube--Text Gray

BLACKTOP ASPHALT FILLER & SEALER



- High performance, asphalt-based compound for filling and sealing cracks in driveways, parking lots and other asphalt surfaces
- Forms a durable, flexible and watertight seal
- Resists gas, oil, grease and salt
- 10.1 oz tube - Black

CONCRETE & MORTAR FILLER/SEALANT

- High performances, latex-based sealant formulated to repair cracks and holes in concrete, mortar and masonry
- Contains silicone additives for improved adhesion and water resistance
- Resists gas, oil, grease and salt
- Interior/Exterior use
- Paintable w/ water clean-up
- 10.1 oz tube - Gray

100% SILICONE RUBBER SEALANT



- Multi-purpose sealant
- Offers long-lasting flexibility and excellent adhesion
- Provides a weatherproof, watertight seal
- Resists cracking, crumbling and chalking
- 50 Yr Durability Guarantee
- Interior/Exterior use
- 10.1 oz tube
- White, Clear, Black, Alum, Bronze

FIRE STOP FIRE-RATED SILICONE SEALANT



- Classified for sealing fire-rated non-combustible service penetrations and construction joint in horizontal and vertical fire separations
- Elastomeric--capable of +/- 25% dynamic joint movement
- 10.1 oz tube
- Limestone gray

BLOCKADE® FIRE-RATED, INTUMESCENT ACRYLIC LATEX SEALANT

- Intumescent product expansion fill voids created by combustible materials burned during a fire.
- Treats general firestopping applications for compustible and non-compubstible penetrations
- Excellent adhesion to unprimed surfaces
- 10.1 oz tube--RED (for easy inspection)

CAULKS & SEALANTS



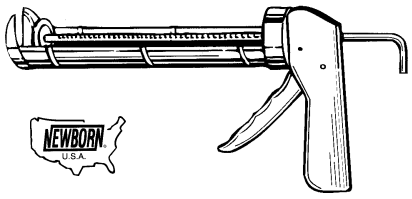
ELCO®
BLAZE BLOCK™

- This is a ready-to-use, non-flammable, intumescent fire-stop sealant which expands upon contact with flames to block out fire, toxic fumes, smoke and water from passing through openings, penetrating fire-rated walls, floors and other construction applications
- Premium latex fire-stop caulk
- Contains NO asbestos
- Becomes tack-free in approx. 30 minutes
- 10.1oz tube

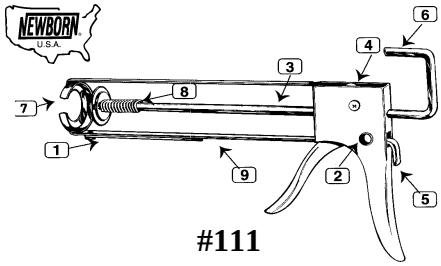


DAPtex®
LATEX MULTI-PURPOSE INSULATING FOAM SEALANT

- Seals out drafts, eliminates energy loss and prevents pest infiltration
- Will not over-expand like polyurethane foam
- Best choice for sealing around windows and doors during installation
- Also ideal for filling sealing, and insulation cracks and gaps around pipes, vents, outlets and above-ground foundations and crawlspaces
- Toolable and moldable
- Paintable once cured with latex paints
- Interior / Exterior use
- White

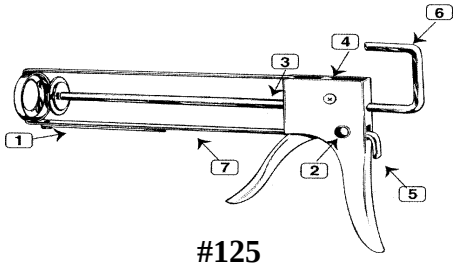


#77
1/10 Gal. Econo Ratchet Type Caulker



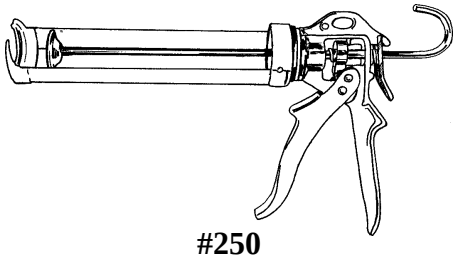
#111
PARALLEL FRAME
1/10 Ga. Superior E-Z Thrust Hex Rod Caulker

1. Seal Puncture Tool
2. Spout Cutter
3. Hex Rod
4. E-Z Thrust® Mechanism
5. Thumb Release
6. Ladder Hook
7. E-Z Load Front Cap
8. Cartridge Retainer Spring
9. Uniframe Construction



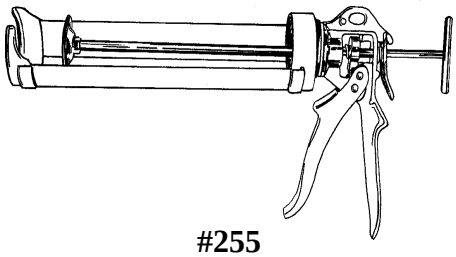
#125
PARALLEL FRAME
1/4 Ga. Superior E-Z Thrust Hex Rod Caulker

1. Seal Puncture Tool
2. Spout Cutter
3. Hex Rod
4. E-Z Thrust® Mechanism
5. Thumb Release
6. Ladder Hook
7. Uniframe Construction



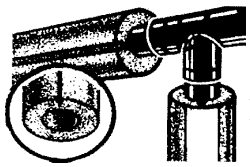
#250
1/10 Ga. Smooth Rod Caulker

- 12 to 1 Thrust ratio
- Revolving Barrel
- Super smooth rod
- Zinc Alloy Handle and Trigger
- Sintered Steel Friction Plate



#255
1/4 Ga. Smooth Rod Caulker

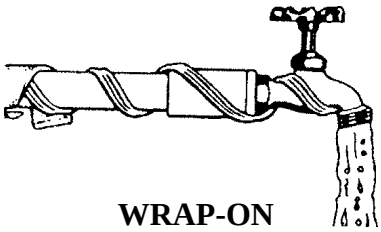
- 18 to 1 Thrust ratio
- Revolving Barrel
- Super smooth rod
- Zinc Alloy Handle and Trigger
- Sintered Steel Friction Plate



PIPE INSUTLATION

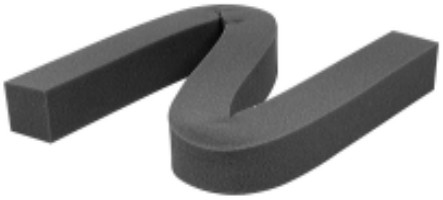
- For copper, iron and PVC pipe

#02477 - 1/2" x 36" (5/8" thick)
#02493 - 3/4" x 36" (5/8" thick)



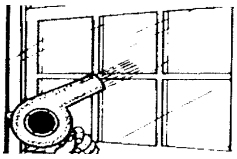
WRAP-ON AUTOMATIC HEAT TAPES

- Premium grade quality. Energy efficient.
- Unit uses thermostat and pilot light
- Can be used on rigid plastic or metal water pipe
- Lengths: 9', 13', 15', 24', 30' & 45'



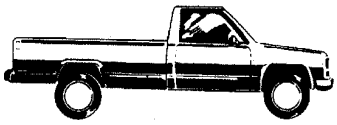
AIR CONDITIONING WEATHERSTRIP

- Resilient (open cell) foam tape for sealing out dust and reducing air leaks around window air conditioners
- **#02352** - 3/16" x 1-1/2" x 30" Gray



WINDOW INSULATOR KIT

• Clear film-includes tape
#04184 - 40" x 64"
#04200 - 64" x 200"



PERMATITE / DORTITE CAMPER SEAL

- Insulates and weather proofs gaps between toppers and campers with pickup boxes
- Self-adhesive back

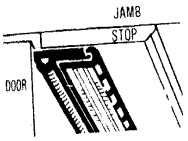
#31234A - 3/16" x 1-1/2" x 30' Black



FOAM TAPE

- Open cell
- Compresses flat
- Self-adhesive back

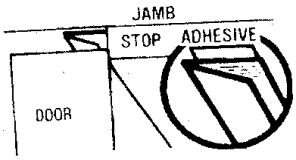
#02055 - 3/16" x 3/8" x 17' Gray
#02071 - 1/4" x 1/2" x 17' Gray
#02097 - 3/8" x 1/2" x 17' Gray
#02113 - 1/2" x 3/4" x 17' Gray



ALUM / VINYL COIL WEATHERSTRIP

- Install on door or window stops for air tight seals. Use nails for installation.

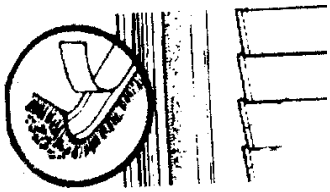
#03095 - 17' coil. Alacrome Finish



V-FLEX WEATHERSTRIP

- Polypropylene material with adhesive back
- For sealing windows and doors

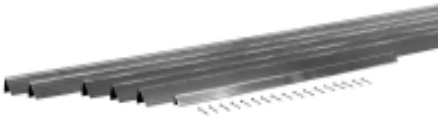
#03525 - 7/8" x 17' White
#03566 - 7/8" x 85' White
#03541 - 7/8" x 17' Brown
#03582 - 7/8" x 85' Brown



STORM DOOR/WINDOW WEATHERSTRIP

- Specially woven resilient pile material with adhesive back.
- Seals out dust and moisture

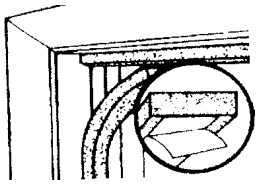
#04267 - 3/4" x 36" (5/8" thick)



H-4 DOOR WEATHERSTRIP

- Residential grade aluminum strips that are installed on door jambs. Automatically spaces itself when properly placed against door stop.
- Attach with nails

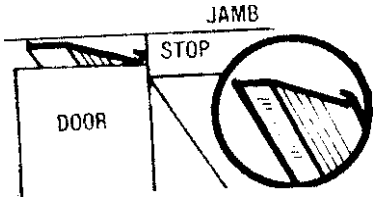
#01305 - 36" x 84" Bronze



WEATHERSTRIP TAPE

- Heavy-duty closed cell. Self-adhesive

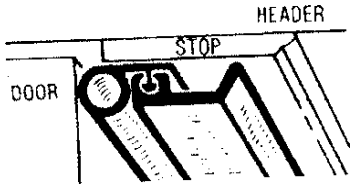
#02139 - 1/8" x 1/4" x 17' Black
#02154 - 3/16" x 3/8" x 17' Black
#02170 - 1/4" x 1/2" x 17' Black
#02196 - 3/8" x 1/2" x 10' Black
#02212 - 1/2" x 3/4" x 10' Black



BRONZE GARD WEATHERSTRIP

- Spring action for stopping air and moisture around doors and windows
- Attach with nails

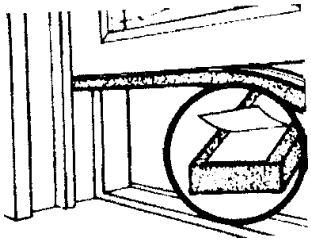
#03145 - 1-1/8" x 17'



JAMB-UP DOOR WEATHERSTRIP

- Aluminum & vinyl, residential grade for metal or wood frame doors. Installed on door stop.
- Slotted holes allow for adjustments

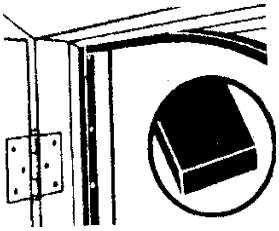
#01040 - 36" x 84" Alacrome w/ nails
#01073 - 36" x 84" Alacrome w/ screws
#01081 - 72" x 84" Alacrome w/ screws



FOAM WEATHERSTRIPPING

- Closed cell, self-adhesive
- Eliminates air & moisture

#02253 - 3/16" x 3/8" x 17' Gray
#02279 - 1/4" x 1/2" x 17' Gray
#02295 - 3/8" x 1/2" x 10' Gray
#02311 - 1/2" x 3/4" x 10' Gray



FELT DOOR & WINDOW WEATHERSTRIP

- High grade synthetic product, for use around doors and windows
- Black color

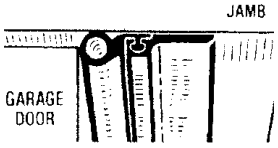
#03210 - 1/8" x 3/4" x 17'
#03236 - 1/8" x 1" x 17'
#03251 - 3/16" x 3/4" x 17'
#03277 - 3/16" x 1" x 17'
#03293 - 3/16" x 1-1/4" x 17'
#03277 - 3/16" x 1-1/2" x 17'



PERMATITE / DORTITE WEATHERSTRIPPING

- Heavy Duty, open cell sponge rubber material with reinforced adhesive base.
- Black color
- Available Sizes:

Width	x Length	x Thickness
1/4"	50'	3/16"
3/8"	50'	3/16", 5/16"
3/8"	25'	7/16"
1/2"	50'	3/16", 5/16"
1/2"	25'	7/16", 9/16"
3/4"	50'	3/16", 5/16"
3/4"	25'	7/16", 9/16"
1"	50'	3/16", 5/16"
1"	25'	7/16", 9/16"



ALUM & VINYL GARAGE JAMB-UP WEATHERSTRIP

- Residential grade, for overhead garage doors (top & sides)
- **GD-1 Bulb type**

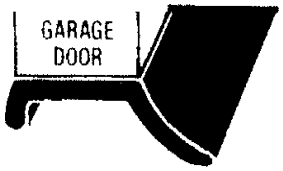
#01461 - 108" x 84" Alacrome w/ screws
#01487 - 84" Alacrome w/ screws
#01495 - 96" Alacrome w/ screws
#01503 - 108" Alacrome w/ screws



ALUM & VINYL GARAGE JAMB-UP WEATHERSTRIP

- Residential grade, for overhead garage doors (top & sides)
- **GD-2 Flap type**

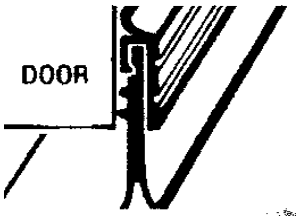
#01511 - 108" x 84" Alacrome w/ screws
#01529 - 192" x 84" Alacrome w/ screws



VINA-SEAL GARAGE DOOR BOTTOM

- Residential grade, Durable and flexible vinyl weatherstrip cushions and seals

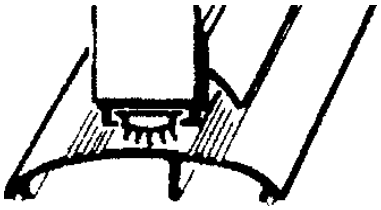
#03004 - 9' Black with nails
#03046 - 16' Black with nails



GARAGE DOOR BOTTOM

- EXV Aluminum & vinyl strip covers wide cracks under doors

#05421 - 96" Alacrome with screws



ALUMINUM & VINYL DRIP CAP & DOOR BOTTOM

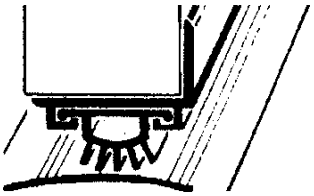
- Slotted holes allow easy adjustment to compensate for uneven door bottoms and to cover wide gaps between bottom of door and threshold

#06007 - DCV 50 - 32" Alacrome
#06015 - DCV 50 - 36" Alacrome

#06106 - DCV 138 - 32" Alacrome
#06114 - DCV 138 - 36" Alacrome

#06148 - DCV 134 - 32" Alacrome
#06155 - DCV 134 - 36" Alacrome

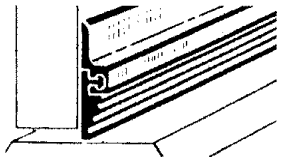
#06163 - DCV 135 - 48" Alacrome
#06189 - DCV 135 - 36" Albras



ALUMINUM & VINYL CONCEALED DOOR BOTTOM

- Residential grade

#05256 - CDB 60 - 36" Alacrome
#05322 - CDB 134 - 36" Alacrome



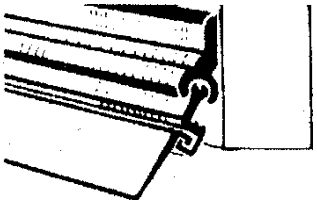
ALUMINUM & VINYL DOOR SWEEP

- Residential grade
- Slotted holes for easy adjustment
- DV-1

#05082 - 32" Alacrome
#05090 - 36" Alacrome

#05116 - 42" Alacrome
#05124 - 48" Alacrome

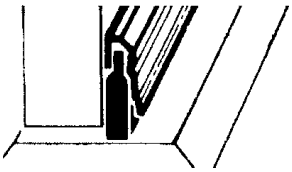
#05173 - 36" Duratone Bronze
#05027 - 36" Coventry Gold
#05215 - 36" White



FLEX-O-MATIC AUTOMATIC DOOR SWEEP

- Residential grade
- As the door opens, the spring action door sweep automatically raises to clear the carpet. When the door is closed the door sweep automatically lowers to firmly press against floor or carpet

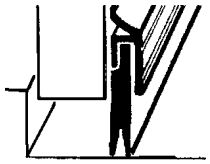
#07153 - 36" Duratone Bronze



ALUMINUM & FELT DOOR SWEEP

- E1- A Residential grade
- Slotted holes for easy adjustment

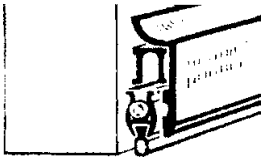
#05009 - 32" Alacrome
#05017 - 36" Alacrome
#05033 - 48" Alacrome



ALUMINUM & VINYL EXTRA HEAVY DUTY DOOR SWEEP

- EXA Residential or commercial grade
- Slotted holes for easy adjustment

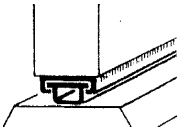
#05348 - 36" Alacrome
#05363 - 48" Alacrome



SEAL-O-MATIC AUTOMATIC DOOR SWEEP

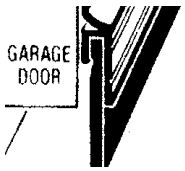
- Weatherproofs and soundproofs
- Vinyl bottom raises automatically to clear carpet when door opens. Vinyl bottom lowers automatically to make tight seal when door closes

#07031 - 32" Satin
#07039 - 36" Satin
#07054 - 42" Satin
#07062 - 48" Satin



SDS ALUMINUM & VINYL DOOR SWEEP

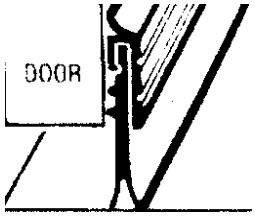
#05512 - 36" Alacrome



ALUMINUM & FELT HEAVY DUTY DOOR SWEEP

- EX-10 Residential grade
- Slotted holes for easy adjustment

#05504 - 36" Alacrome

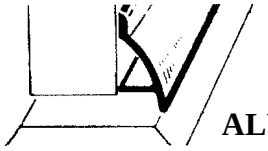


ALUMINUM & VINYL HEAVY DUTY DOOR SWEEP

- EXV Residential grade
- Slotted holes for easy adjustment

#05371 - 32" Alacrome
#05389 - 36" Alacrome
#05405 - 42" Alacrome
#05413 - 48" Alacrome

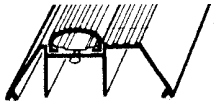
#05462 - 48" Albras
#05488 - 48" Duratone Bronze



ALUMINUM DRIP CAP

- EXD-20 Slotted holes for easy adjustment

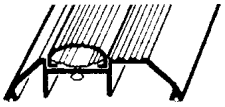
#06239 - 32" Alacrome
#06247 - 36" Alacrome



ALUMINUM & VINYL THRESHOLD

- AP 150 Residential grade
- Replaceable vinyl insert
- 3-3/4" w x 1-1/2" h - for thick carpeting

#08185 - 36" Alacrome



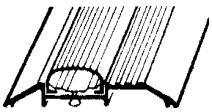
ALUMINUM & VINYL THRESHOLDS

- AP 118 Residential grade
- Has replaceable vinyl insert
- 3-3/4"w x 1-1/8" h
- For use with thick pile carpeting

#08003 - 32" Alacrome
#08029 - 36" Alacrome
#08052 - 42" Alacrome
#08078 - 72" Alacrome

#09019 - 36" Albras

#10058 - 32" Coventry Gold
#10066 - 36" Coventry Gold
#10090 - 72" Coventry Gold



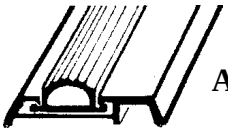
ALUMINUM & VINYL THRESHOLDS

- AP 334 Residential grade
- Has replaceable vinyl insert
- 3-3/4"w x 3/4" h
- For use with thick pile carpeting

#08086 - 32" Alacrome
#08102 - 36" Alacrome
#08136 - 42" Alacrome
#08151 - 72" Alacrome

#09076 - 36" Albras

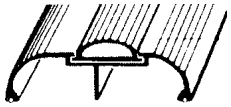
#10157 - 32" Coventry Gold
#10165 - 36" Coventry Gold
#10199 - 72" Coventry Gold



ALUMINUM & VINYL THRESHOLD

- AP 158 Residential grade
- Replaceable vinyl insert
- 1-3/8" w x 7/16" h
- Installs on door bottom or on top of existing wooden threashold

#08235 - 32" Alacrome
#08243 - 36" Alacrome



ALUMINUM & VINYL THRESHOLD

- XH Residential grade.
- 3-1/2"w x 1-1/8"h -- for thick carpets

#08326 - 32" Alacrome



ALUMINUM THRESHOLD

- AFFL 312 Residential grade - center leg adds support
- 3-1/2"w x 5/8"h -- for thick carpets

#11213 - 32" Alacrome
#11825 - 36" Alacrome
#11254 - 72" Alacrome



ALUMINUM THRESHOLD

- AFHL 312 Residential grade - center leg adds support
- 3-1/2"w x 1"h -- for thick pile carpets

#11353 - 32" Alacrome
#11361 - 36" Alacrome



ALUMINUM THRESHOLD

- AFH312 Residential grade
- 3-1/2"w x 1"h -- for thick pile carpets

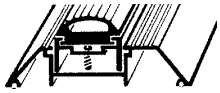
#11346 - 36" Alacrome



SOLID OAK THRESHOLD

- Residential grade
- 3-1/2"w x 3/4"h

#11742 - 36"

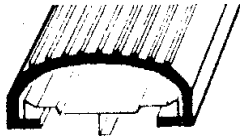


ADJUSTABLE HEIGHT THRESHOLDS

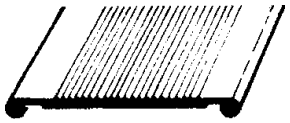
- Replaceable vinyl insert

#08664 - 3-1/2"w x (7/8"h to 1-5/16" h)
#08672 - 4"w x (1-1/8"h to 1-9/16" h)

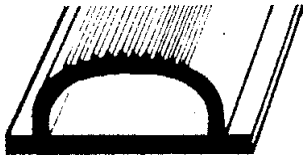
THRESHOLD INSERTS



- For 118's, 150's & 334's
- Gray
- **#13219** - 36" **#13235** - 48" **#13219** - 72"



- For CP35, CP358
- Gray
- **#13334** - 36"



- For X, XH
- Gray
- **#13417** - 36"

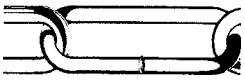
DO NOT EXCEED SPECIFICATIONS WHEN USING CHAIN OR ACCESSORIES!



PROOF COIL CHAIN

- General purpose, low carbon steel chain
- Zinc. Not to be used for overhead lifting

Size	Max working load limit
3/16"	800#
1/4"	1300#
5/16"	1900#
3/8"	2650#



COIL CHAIN Straight Link

- Low carbon steel chain, noted for its narrow, long coils. Used for tailgates, trailer safety chains, barrier chain and other general purposes. Zinc.

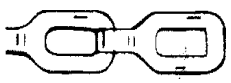
Size	Max working load limit
4	205#
2	310#
1/0	440#
2/0	520#
4/0	670#
5/0	880#



COIL CHAIN Twisted Link

- Low carbon steel chain. This type of chain lies flatter than normal link chain.
- Zinc. Not to be used fo roverhead lifting.

Size	Max working load limit
2	295#



BRASS SAFETY CHAIN

- Stamped and formed chain used for plumbing fixtures and other light duty applications

Size	Max working load limit
2/0	31#
1/0	40#



TWIN LOOP WELDLESS CHAIN

- Low carbon steel chin, used on swing sets (1/0 or larger), animal chains, hammocks and various other purposes.

Size	Max working load limit
5	55#
4	70#
3	90#
2	115#
1	155#
1/0	200#
2/0	255#
3/0	305#
4/0	365#



SASH CHAIN

- Low carbon steel chain. General purpose use: heater controls on ducts, window sashes and double hung windows. Zinc.

Size	Max working load limit
8	75#
25	94#
35	106#
40	131#
50	225#



MACHINE CHAIN Straight Link

- Low carbon steel chain, noted for its flexibility. Used for overhead door, tailgates, farm implements and other general purposes. Not for overhead lifting. Zinc.

Size	Max working load limit
4	215#
2	325#
1/0	465#
2/0	545#
4/0	700#
5/0	925#



MACHINE CHAIN Twist Link

- Low carbon steel chain. This type of chain lies flatter than normal link chain. Not for overhead lifting. Zinc.

Size	Max working load limit
4	205#
2	310#
1/0	440#
2/0	520#



HIGH TEST CHAIN

- Medium carbon steel chain that can be used for load binding, towing and logging applications. Not to be used for overhead lifting--Self-colored

Size	Max working load limit
1/4"	2600#
5/16"	3900#
3/8"	5400#



LOCK LINK CHAIN

- Low carbon steel chain. This type of chain lies flatter than normal link chain. Used on sprocket wheels, overhead doors, skylights and transoms. Zinc.

Size	Max working load limit
3/0	405#



DECORATOR CHAIN

- Lightweight chain, for hanging lamps and flower pots.
- Swag hoogs with screws and bolts
- Finishes: Brass, Antique Brass & Black

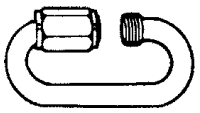
Size	Max working load limit
3/16"	800#
1/4"	1300#
5/16"	1900#
3/8"	2650#



REPAIR (LAP) LINKS

- Used to connect chain lengths. Must be hammered shut. Zinc.

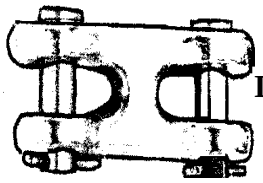
Size	Max working load limit
3/16 x 1	240#
1/4 x 1-1-1/4	400#
1/4 x 2	400#
5/16 x 1-1/2	950#
5/16 x 2	1000#
3/8 x 2	1250#



QUICK LINKS

- Used to connect chain lengths. Can be tightened with a wrench. Zinc.

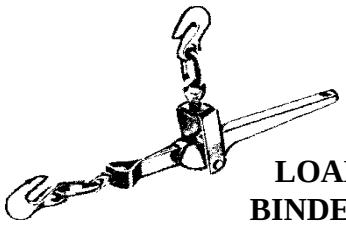
Size	Max working load limit
1/8"	220#
3/16"	616#
1/4"	880#
5/16"	1540#
3/8"	2200#



DOUBLE CLEVIS LINKS

- Drop forged & heat treated for use with grade 30 and 43 chain. Zinc.

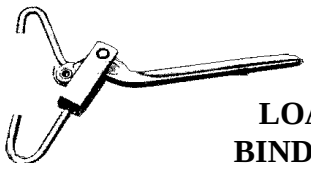
Item#	Size	Max WLL
81180	1/4 or 5/16	3900#
82380	3/8	5400#
81480	7/16 or 1/2	9200#



LOAD BINDERS

- For use with proof coil chain
- 360 degree swivels on both hooks

Item#	Size	Take Up	Max WLL
48314	1/4	2-3/4"	1250#
48315	3/8	4-1/2"	2650#
48316	1/2	4-1/2"	4500#



LOAD BINDERS

- For general purpose, light duty binding

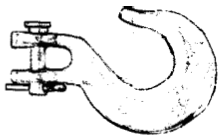
Item#	Take Up	Max WLL
48949	2-3/4"	375#



CLEVIS GRAB HOOKS

- Drop forged, heat treated & zinc plated. Used for dragging, pulling or towing. Grabs a single link of chain.

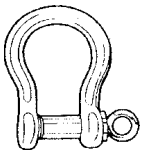
Item#	Take Up	Max WLL
61193	1/4"	2600#
61293	5/16"	3900#
61393	3/8"	5400#
61593	1/2"	9200#



CLEVIS SLIP HOOKS

- Drop forged, heat treated & zinc plated. Used for dragging, pulling or towing. Hook design allows chain to slip and take up any slack during use.

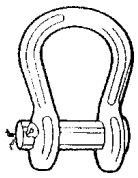
Item#	Take Up	Max WLL
66193	1/4"	2600#
66293	5/16"	3900#
66393	3/8"	5400#
66593	1/2"	9200#



SCREW PIN ANCHOR SHACKLE

- Forged & galvanized. Pull at a uniform rate of speed with straight, direct tension

Size	WLL (tons)	Size	WLL (tons)
3/16	1/3	3/8	1
1/4	1/2	1/2	2
5/16	3/4	5/8	3-1/4
		3/4	4-3/4



ROUND PIN ANCHOR SHACKLE

- Forged & galvanized. Pull at a uniform rate of speed with straight, direct tension

Size	WLL (tons)	Size	WLL (tons)
3/16	1/3	3/8	1
1/4	1/2	1/2	2
5/16	3/4	5/8	3-1/4
		3/4	4-3/4

ADJUSTABLE YOKE END



- Drop forged and self-colored

Item#	Rod Size	Item #	Rod Size
51	1/4 - 28	55	1/2 - 20
52	5/16 - 24	56	5/8 - 18
53	3/8 - 24	57	3/4 - 16

DO NOT exceed manufacturers specifications when using chain or accessories!

ANY DEVIATIONS LIKE ANGULAR LIFTS, SHOCK LOADS, MODIFICATIONS OF MFRS. DESIGNS, ETC., WILL RESULT IN DRASTICALLY REDUCED MAXIMUM LOADS.



CLEVIS PINS For Yoke Ends

- Self-colored

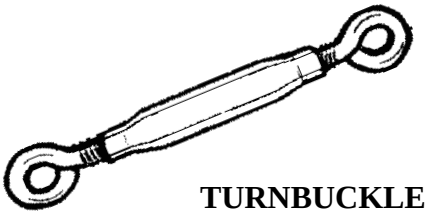
Shank	Length under head
1/4"	49/64"
5/16"	15/16"
3/8"	1-1/16"
1/2"	1-23/64"
5/8"	1-39/64"
3/4"	1-29/32"



GALVANIZED EYE-EYE TURNBUCKLE

- Drop forged steel turnbuckles. Load ratings based on a uniform pull rate of speed in a direct tension

Dia x Take-up	OAL (closed)
1/4 x 4"	8"
3/8 x 6"	11-1/2"
1/2 x 6"	13"
5/8 x 6"	13-1/2"
3/4 x 6""	14-3/4"



TURNBUCKLE EYE-EYE

- Light duty general purpose design

SIZES: 3/16" x 4" 3/8" x 8"
1/4" x 5-1/4" 3/8" x 9-1/2"



GALVANIZED HOOK-EYE TURNBUCKLE

- Drop forged steel turnbuckles. Load ratings based on a uniform pull rate of speed in a direct tension

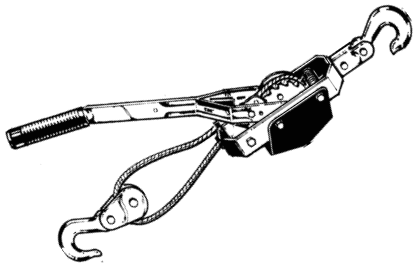
Dia x Take-up	OAL (closed)
1/4 x 4"	8"
3/8 x 6"	11-1/2"
1/2 x 6"	13"
5/8 x 6"	13-1/2"
3/4 x 6""	14-3/4"

TURNBUCKLE HOOK-EYE

- Light duty general purpose design

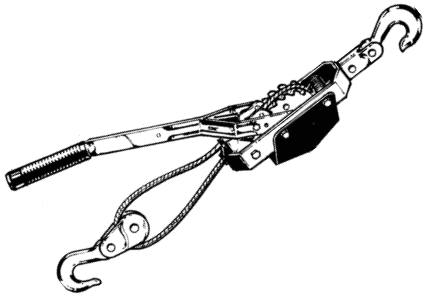
SIZES: 1/4" x 5-1/4"; 3/8" x 8"; 3/8" x 9-1/2"

CABLE HOIST-PULLERS DEUER



SINGLE RATCHET DRIVES

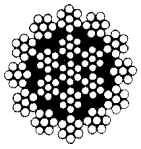
- **MM5028** - 1/2 ton x 28' pull. Designed and priced for homeowner use
- **MM16R** - 1 ton x 6' pull. Lightweight, commercial duty unit (7.5#)
- **MM19R** - 1 ton x 9' pull. Ruggent, commercial duty unit.
- **MM112R** - 1 ton x 12' pull. Rugged, commercial duty unit.
- **MM212R** - 2 ton x 6' pul. Heavy duty, industrial moel weighing only 8.5#
- **1212C** - Convertible model. 1 ton x 12' pull or 2 ton x 6' pull



DOUBLE RATCHET DRIVES

- Double drive units have ratchets on both sides of housing for safe, balanced use. Binding is minimized. Locking and lifting pressure applied uniformly to both sides of cable drum.
- **MM19DD** - 1 ton x 9' pull. Rugged and reliable for industrail use.
- **MM112DD** - 1 ton x 12' pull. Rugged, industrial grade unit
- **MM1212DD** - 2 ton x 6' pull. Rugged, industrial duty unit
- **MM1212DD** - Convertible model. 1 ton x 12' pull or 2 ton x 6' pull

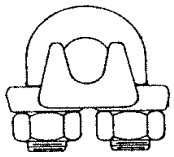




GALVANIZED AIR CRAFT CABLE (Wire Rope)

- Preformed cables are made from individual wires and strands that have been formed during construction into the final shape they have in finished cable. This eliminates internal stresses and results in stronger, pliable and easier handling wire cable. It does not unlay or open when cut.

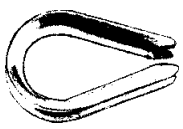
Size	Breaking Strength
1/16" 7x7	480#
3/32" 7x19	1,050#
1/8" 7x19	2,000#
3/16" 7x19	4,200#
1/4" 7x19	7,000#
5/16" 7x19	9,800#
3/8" 7x19	14,400#



GALVANIZED WIRE ROPE CLIPS

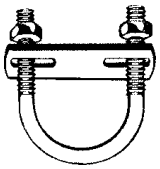
- Single grip, single saddle for light duty applications.
- **DO NOT** use these clips for critical or lifting operations!

Size	Min. Clips	Rope Turnback
1/16	3	4'
1/8	3	4-3/4'
3/16	3	5-1/2'
1/4	3	7'
5/16	3	7-3/4'
3/8	3	9-1/2'
1/2	4	15-1/4'
5/8	4	16'
3/4	5	22-1/4'
7/8	5	23-1/2'
1	6	31'



GALVANIZED WIRE ROPE THIMBLES

- Light duty. Keeps wire rope from crimping on turnbacks.
- **DO NOT** use these clips or thimbles for critical or lifting operations!
- **SIZES** (cable size): 1/8, 3/16, 1/4, 5/16, 3/8, 1/2 & 7/8"



U-BOLTS (with nuts & cross plates)

- Light duty, for general purpose use. Zinc.

Item#	Thread Dia x OAL
301	1/4 x 9/16 x 1-3/8
302	1/4 x 3/4 x 1-1/2
304	1/4 x 1 x 1-3/4
308	1/4 x 1-1/8 x 2
309	1/4 x 1-3/8 x 2-3/4
310	1/4 x 2 x 3-1/2
320	5/16 x 1-3/8 x 2-3/4
322	5/16 x 1-3/4 x 3
324	5/16 x 2 x 3
327	5/16 x 2-1/2 x 3-1/2
328	3/8 x 1-1/4 x 2-1/2
329	3/8 x 1-3/4 x 2-3/4
332	3/8 x 3 x 4
334	3/8 x 3-1/2 x 4-1/2
340	1/2 x 3 x 5
344	1/2 x 4-1/2 x 6-1/2

LONG U-BOLTS

381	5/16 x 1-3/8 x 3-3/4
383	5/16 x 1-3/4 x 4-1/8
385	5/16 x 2 x 3-5/8
386	5/16 x 2 x 4-5/8
388	5/16 x 2-1/2 x 4-1/8
389	5/16 x 2-1/2 x 5-1/8



LAG THREAD EYEBOLTS

- Light duty with turned eye. Zinc.

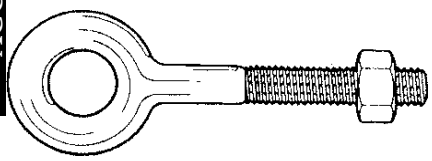
Item#	Thread Dia x OAL
1101A	1/4 x 3
1101	1/4 x 3-3/4
1102	1/4 x 5
1103	5/16 x 4
1104	5/16 x 6
1105B	3/8 x 5
1105D	3/8 x 6
1106	3/8 x 8



EYEBOLTS (with nuts)

- Light duty with turned eye. Zinc.

Item#	Thread Dia x OAL
1	5/32 x 1-5/8
2A	3/16 x 1-1/2
2	3/16 x 2
2B	3/16 x 2-1/2
2C	3/16 x 3
482	1/4 x 2
4	1/4 x 2-5/8
483	1/4 x 3
4A	1/4 x 4
4B	1/4 x 5
4C	1/4 x 6
5A	5/16 x 4
5C	5/16 x 6
5E	5/16 x 8
6	3/8 x 4
6A	3/8 x 5

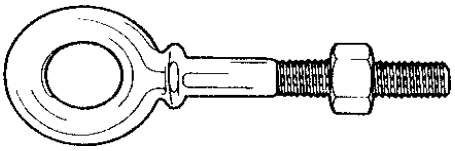


GALVANIZED EYEBOLTS

- Drop forged steel eyebolts with nut. Load ratings based on a uniform pull rate of speed in a direct tension.

Size	Max. Load
1/4" x 2", 4" & 6"	500#
3/8" x 2-1/2", 3", 4-1/4", 6" & 8"	1200#
1/2" x 3-1/4", 4-1/2", 6", 8" & 10"	2200#
5/8" x 4", 6", 8", 10" & 15"	3500#
3/4" x 6", 10" & 15"	5200#

DO NOT exceed manufacturers specifications when using chain or accesories!



GALVANIZED SHOULDER EYE BOLTS

- Drop forged steel eyebolts with nut. Load ratings based on a uniform pull rate of speed in a direct tension.

Size	Max Load
1/4" x 2" x 4"	500#
3/8" x 2-1/2" & 4-1/4"	1200#
1/2" x 3-1/4" & 6"	2200#

J-BOLT / HOOK BOLT

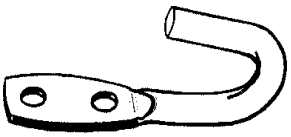
- Light duty. Zinc.

Item#	Thread Dia x OAL
J2	7/32 x 2-1/8
J4	1/4 x 2-5/16
J5	5/16 x 3
J6	3/8x 3-3/4



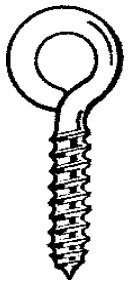
#542 CLOTHESLINE HOOK BOLT

- Bolt comes with 2 nuts
- Zinc plated
- 6" OAL



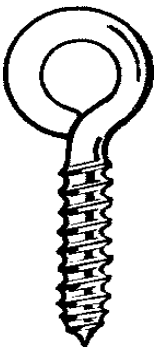
ROPE BINDING HOOK

- 55C - 3-3/8" OAL
- 57C - 4-7/8" OAL
- Zinc plated
- Can be mounted on fixtures, walls or pick-ups.



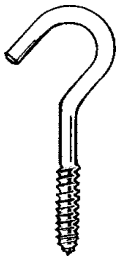
SCREW EYES (small eyes)

Size	Thread Dia x OAL
217	1/8 x 5/8
216	1/8 x 3/4
214	3/16 x 3/4
212	3/16 x 31/32
210	3/16 x 1-1/4



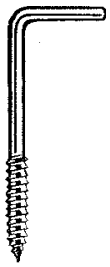
SCREW EYES (large eyes)

Size	Thread Dia x OAL
14	5/16 x 1-1/8
12	3/8 x 1-1/8
10	3/8 x 1-3/8
8	7/16 x 1-5/8
6	1/2 x 1-7/8
4	5/8 x 2-1/4
2	3/4 x 2-5/8
00	1 x 3-7/16



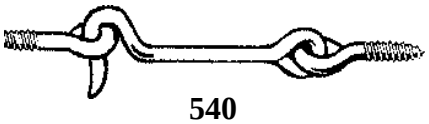
SCREW HOOKS (round bend)

Size	OAL (zinc)
14H	1-1/4"
12H	1-5/8"
10H	2"
8H	2-1/2"
6H	3-3/8"
4H	3-7/8"
3H	4-1/8"
0H	5"



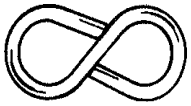
SCREW HOOKS (square bend)

Size	OAL (zinc)
112H	1-1/4"
110H	1-5/8"
108H	2"
106H	3-3/8"
104H	3-7/8"



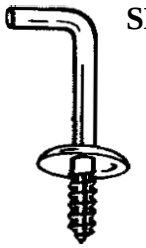
540 GATE HOOK (hook & eye)

- SIZES (OAL): 1-1/2", 2", 2-1/2", 3" & 4"
- Zinc plated



8 - HOOKS (zinc)

Size	OAL
12	1-1/16"
11	1-1/4"
10	1-5/8"
9	2"



SHOULDER HOOKS (solid brass)

Size	OAL
412-1/2	1/2"
412-3/4	3/4"
412-1	1"
412-1-1/2	1-1/2"

CUP HOOKS (solid brass)



Size	OAL
81-5/8	7/8"
81-3/4	1-1/8"
81-7/8	1-1/4"
81-1	1-3/8"
81-1-1/4	1-7/8"

S - HOOKS (small, zinc)



Size	Wire Dia. x OAL
55	.080 x 3/4
54	.091 x 7/8
53	.091 x 1-1/16
52	.105 x 1-1/4
51	.120 x 1-1/2

S - HOOKS (medium, zinc)

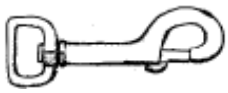


Size	Wire Dia. x OAL
41	.141 x 1-1/2
42	.159 x 1-7/8
43	.177 x 2-1/8
44	.213 x 2-1/2
45	.272 x 2-3/4
46	.329 x 3-1/4



S - HOOKS (large, zinc)

Size	Wire Dia. x OAL
32	.185 x 1-3/4
33	.243 x 2
34	.306 x 2-1/2
35	.306 x 3



017 SWIVELING SNAP

- Strap eye. Bolt snap. Cadium plated.
- **3/4** - 3/4" ID. eye x 3/8" snap opening
- **2** - 2" ID. eye x 3/8" snap opening



25 RIGID SNAP

- Strap eye. Bolt snap. Cadium plated.
- **1** - 1" ID. eye x 13/32" snap opening



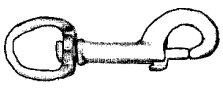
125 RIGID EYE SNAP

- Round eye. Bolt snap. Cadium plated.
- **1/2** - 1/2" ID. eye x 11/32" snap opening
- **5/8** - 5/8" ID. eye x 11/32" snap opening
- **3/4** - 3/4" ID. eye x 11/32" snap opening



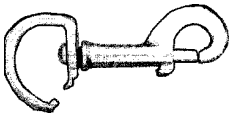
DOUBLE ENDED BOLT SNAP

- Cadium plated.
- **161** - 3-3/8" OAL x 9/32" snap opening
- **162** - 4-1/8" OAL x 13/32" snap opening
- **162** - 4-1/8" OAL x 13/32" snap opening



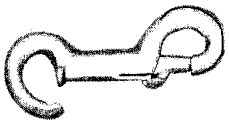
225 SWIVELING BOLT SNAP

- Round eye. Bolt snap. Cadium plated.
- 1/2 - 1/2 ID. eye x 3/8" snap opening
- 5/8 - 5/8" ID eye x 3/8" snap opening
- 3/4 - 3/4" ID eye x 3/8" snap opening



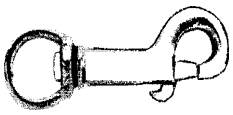
226 SWIVELING BOLT SNAP

- Open eye. Bolt snap. Cadium plated.
- **3/4** - 3/4" ID. eye x 3/8" snap opening
- **2** - 2" ID. eye x 15/32" snap opening



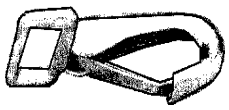
RIGID BOLT SNAP

- Open eye. Bolt snap. Cadium plated.
- **231** - 3/8" ID. eye x 13/32" snap opening
- **245** - 1/2" ID. eye x 1/2" snap opening
- **250** - 5/8" ID. eye x 9/16" snap opening
- **251** - 3/4" ID. eye x 5/8" snap opening



5025 SWIVELING BOLT SNAP

- Round eye. Bolt snap. Cadium plated.
- **3/8** - 3/8" ID. eye x 3/8" snap opening
- **1/2** - 1/2" ID. eye x 3/8" snap opening
- **5/8** - 5/8" ID. eye x 5/16" snap opening.



200 RIGID SWING SNAP

- Strap eye. Cadium plated.
- **5/8** - 5/8" ID. eye x 3/8" snap opening
- **3/4** - 3/4" ID. eye x 3/8" snap opening
- **7/8** - 7/8" ID. eye x 7/16" snap opening
- **1** - 1" ID. eye x 7/16" snap opening
- **1-1/4** - 1-1/4" ID. eye x 1/2" snap opening
- **1-1/2** - 1-1/2" ID. eye x 1/2" snap opening



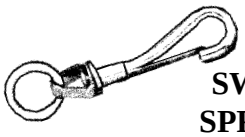
222 SWIVELING SPRING SNAP

- Round eye. Cadium plated.
- **5/8** - 5/8" ID. eye x 7/16" snap opening



341 RIGID SPRING SNAP

- Round eye. Cadium plated.
- **3/8** - 3/8" ID. eye x 5/32" snap opening



407 SWIVELING SPRING SNAP

- Round eye. Cadium plated.
- **3/4** - 3/4" ID. eye x 9/32" snap opening



437 SWIVELING SPRING SNAP

- Round eye. Nickel plated.
- **3/8** - 3/8" ID. eye x 7/32" snap opening



SWIVELING SPRING SNAP

- Open eye. Cadium plated.
- **1406** - 3-1/4" OAL x 1/4" snap opening
- **1407** - 3-3/8" OAL x 5/16" snap opening.



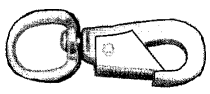
5037 SWIVELING SPRING SNAP

- Open eye. Nickel plated.
- **3/8** - 3/8" ID. eye x 7/32" snap opening



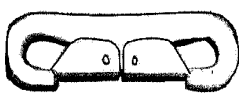
RIGID CAP SNAP

- Round eye. Cadium plated.
- **820** - 3/8" ID. eye x 5/16" snap opening
- **822** - 5/8" ID. eye x 9/16" snap opening.



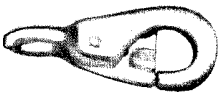
830 SWIVELING CAP SNAP

- Round eye. Cadium plated.
- **3/4** - 3/4" ID. eye x 11/32" snap opening



DOUBLE END CAP SNAP

- Cadium plated.
- **853** - 3-7/8" OAL x 5/16" snap opening
- **855** - 5-1/4" OAL x 7/16" snap opening



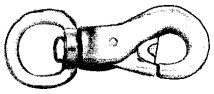
3141 ANIMAL TIE SNAP

- Rigid, round eye. Cadium plated.
- **3/4** - 3/4" ID. eye x 9/16" snap opening



3142 ANIMAL TIE SNAP

- Swiveling, round eye. Cadium plated.
- **7/8** - 7/8" ID. eye x 7/8" snap opening



333 ANIMAL TIE SNAP

- Swiveling, round eye. Cadium plated.
- **7/8** - 7/8" ID. eye x 9/16" snap opening



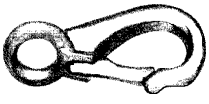
424 BREECHING SNAP

- Cadium plated.
- **9/32**" snap opening



5013 SWIVELING TRIGGER SNAP

- Round eye. Nickel plated.
- **3/8** - 3/8" ID. eye x 3/8" snap opening



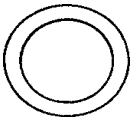
249B BRONZE QUICK SNAP

- Rigid, round eye. Polished
- **(0)** - 3/8" ID eye x 9/32" snap opening
- **(2)** - 11/16" ID eye x 19/32" snap opening



251B BRONZE QUICK SNAP

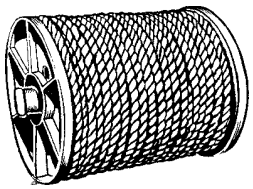
- Swiveling, round eye. Polished.
- **(2)** - 11/16" ID. eye x 7/16" snap opening



#2 WELDED RINGS

- Cadium plated.
- **2** - 2" ID. eye x .262" wire dia.
- **2-1/2** - 2-1/2" ID eye x .262" wire dia.

BULK ROPE



NATURAL MANILA (twisted)

- A strong, natural fiber rope.
- Resists sunlight, does not melt like synthetics and has little stretch.

Size	Max Working Load
1/4"	54#
5/16"	90#
3/8"	122#
1/2"	265#
5/8"	495#
3/4"	694#
1"	1,160#

POLYPROPYLENE (twisted-yellow)

- Twice as strong as manila rope.
- A floating rope that can be stored wet. Resists rot, mildew, acids, oils, greas and many chemicals.

Size	Max Working Load
1/4"	125#
5/16"	190#
3/8"	270#
1/2"	467#
5/8"	775#

NYLON (twisted-white)

- Great elasticity to absorb shock loads.
- Resists abrasion, rot, mildew, oil grease, gasoline, acids and many chemicals.

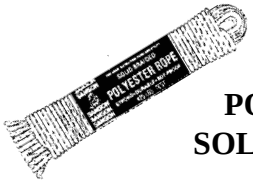
Size	Max Working Load
1/4"	138#
5/16"	213#
3/8"	308#
1/2"	582#



SPOT CORD

- Interlocking, solid braids. Cotton cover construction allows for longer wear.
- Impregnated with coating provides chemical, weather and heat resistance. 100' hanks.

Size	Max Working Load
#6 - 3/16"	91#
#7 - 7/32"	107#
#8 - 1/4"	130#
#9 - 9/32"	185#
#10 - 5/16"	208#
#12 - 3/8"	260#
#14 - 7/16"	403#
#16 - 1/2"	468#



POLYESTER SOLID BRAIDED ROPE

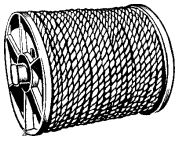
- 12 strand, interocking construction.
- Retains strength in wet conditions. Minimum UV degredation. Resists abrasion. Stays flexible. Resists rot, mildew, mold and many chemicals.

Size	Max. WLL
#4 - 1/8" (500')	40#
#5 - 5/32" (1000')	55#
#6 - 3/16" (500') (HANKS)	81#
#7 - 7/32" (100')	185#
#8 - 1/4" (100')	208#
#9 - 9/32" (100')	260#
#10 - 5/16" (100')	403#



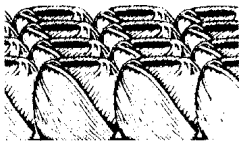
COTTON SMALL LINES

- General purpose utility cord w/reinforced core
- 48' Hanks
- SIZES: #3-1/2 (7/64"), #4 (1/8"), #4-1/2 (9/64") and #5 (5/32")



TIE DOWN ROPE (general purpose)

- White braided polypropylene cover.
- #6 - 3/16" (1500') spool WLL. 65#
- #8 - 1/4" (1500') spool WLL. 169#



KESSON CHALK LINE

- Cotton / polyester blend
- A soft, non-polished cord designed to hold chalk.
- Size #21 x 100' ball
- Natural color



KESSON BRAIDED NYLON MASON'S LINE

- Strong, light, unaffected by gas, oil or grease and is rot, mold and mildew resistant.
- Braided construction provides better nick and abrasion resistance. Holds chalk better than twisted cord.

Item#	Size	Length	Color
WB500	#18	500'	White
WB1000	#18	1000'	White
YB500	#18	500'	Yellow
YB1000	#18	1000'	Yellow
OB500	#18	500'	Orange
OB1000	#18	1000'	Orange



KESSON TWISTED NYLON IASON TWINE

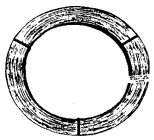
- Heat set to minimize unraveling.
- Used in the construction industry for economical layout work and by homeowners for tying, hanging and graft projects.

Item#	Size	Length	Color
WT545	#18	545'	White
WT1090	#18	1090'	White
YT545	#18	545'	Yellow
YT1090	#18	1090'	Yellow
OT545	#18	545'	Orange
OT1090	#18	1090'	Orange



#9 WIRE

- 100#
- Smooth steel fence wire - dark annealed.



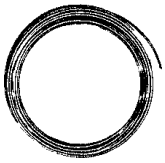
MECHANICS WIRE

- 12# coils. non-snaring
- Available in galvanized or dark-annealed.
- **SIZES**: #14, #16, #18 and #20



MECHANICS WIRE

- 5# spools
- Multiple use wire for service stations, factories, farms and homes.
- Available in galvanized or dark-annealed.
- **SIZES**: #16, #18, #19 and #20



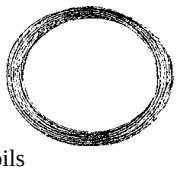
COILED WIRE

- Used for a wide variety of general purpose chores around the shop or at home.
- These items are coiled together in continuous runs so longer lengths can be purchased.
- 10090 - #9 x 50' Galvanized
- **12044** - #20 (stranded) x 50' Galvanized
- **11864** - #18 (stranded) x 50' Galvanzied
- **19000** - #9 x 50' Solid Aluminum
- **17000** - 50' Dand-O-Line plastic covered clothesline



RE-BAR TIE WIRE

- 3-1/2# coil
- 16 ga. annealed wire
- Tie reinforcing fabric and rods. Ideal for general purpose use around home and farm.



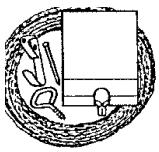
PICTURE WIRE

- 25' coils
- This wire is braided to prevent frayed ends and provide flexibility for tangle-free use.
- **SIZES**: #1, #2, #3 and #4



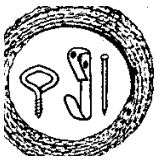
HEAVY DUTY PICTURE HANGING SET

- **42285** - Mirror cord and accessories with 50# hangers



ADHESIVE PICTURE HANGING SET

- **42161** - Wire, eyes and 5 adhesive hanges for haning maps, plaques, decorations and calendars.

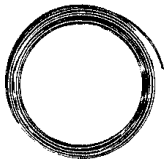


PICTURE HANGING SET

- **45020** - 5# capacity hangers, wire and accessories for 5 pictures.
- **42160** - 20# capacity hangers, wire and accessories for 5 pictures.

DELUXE PICTURE HANGING SET

- **48233** - 49pc kit. Includes various hangers, screw eyes and wire.



MUSIC WIRE

- Some of the many uses include: springs, forms, brick and clay cutting, manufacturing and repairing equipment.
- **SIZES:** Coil Size x Dia (1/4# coils)

#1	.010	#16	.037
#2	.011	#17	.041
#4	.013	#18	.045
#6	.016	#20	.049
#8	.020	#22	.055
#10	.024	#24	.059
#12	.029	#26	.063
#14	.033	#28	.071
		#30	.080

- **SIZES:** Coil Size x Dia (1# coils)

#16	.037	#38	.110
#1/8	.125		

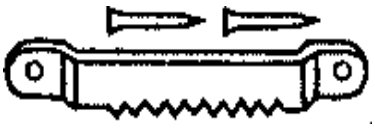
#16 .037 Stainless Steel Music Wire



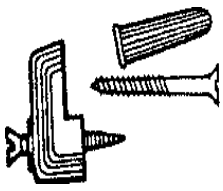
PICTURE HANGERS (w/nails)

- **47005** - 5# capacity (8 each)
- **47020** - 20# capacity (8 each)
- **47030** - 30# capacity (6 each)
- **47050** - 50# capacity (3 each)

SELF - LEVELING PICTURE HANGERS

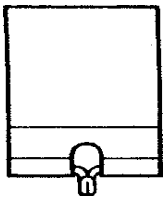


- **47777** - 5 hangers per card



MIRROR HOLDERS & ANCHORS

- **47810** - 4 holders per card. Choose the right anchors and the correct number of holders for properly securing mirrors.



ADHESIVE WALL SAVER HANGERS

- **47904** - 5 hangers per card. Follow directions for proper wall preparation before useing this product.



PUSH PINS

- **47966** - Assorted colors. 16 per card.
- Plastic heads and steel points.

COMPRESSION & EXTENTION SPRINGS



- We have hundreds of springs from which to choose. We stock products from Jones Spring, Select and Ajax.
- If you have some spring that you cannot find, but must have, we can send it in and have it reproduced exactly (even if it is broken).

RUBBER STRAPS

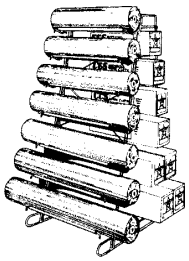


- Light duty hold-downs for tarps, tents, cars and trucks.
- SIZES: 19", 29" and 35"

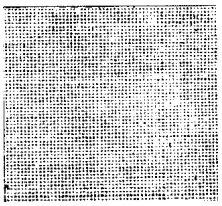
NOTES

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ANCHOR WIRE SCREEN WIRE

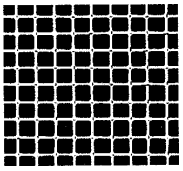


- 100' rolls
- Available in Aluminum or Galvanized Steel
- **SIZES:** 24", 26", 30", 32", 34", 36", 42" or 48"
- Cut lengths available, per your specs.



ANCHOR WIRE STRAINER CLOTH

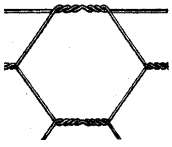
- 12" Widths. **Brass.**
- Sold by the inch or by the roll.
- **MESH:** 20, 30, 40, 50, 60, 70, 80, 90, 100 & 120.



ANCHOR WIRE HARDWARE CLOTH

- Galvanized.
- 100' rolls, that can be cut to your specs.
- Widths: 24", 30", 36", & 48"

MESH	Squares per inch.
2 x 2	2
3 x 3	3
4 x 4	4
6 x 6	6
8 x 8	8



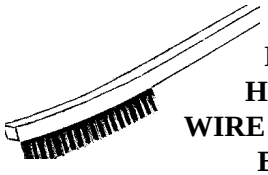
ANCHOR WIRE POULTRY NETTING

- Galvanized.
- 150' rolls, that can be cut to your specs.
- Widths: 24", 30", 36", 48" & 60"



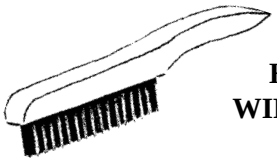
WIRE SCRATCH BRUSHES

- **20511** - Curved back. 7-3/8" x 2-7/8" block.
- **20505** - Straight back. 7-1/4" x 2-1/4" block.
- **20506** - Straight back. 4-1/2" x 1-1/2" block.



LONG HANDLE WIRE SCRATCH BRUSH

- **20502** - Curved handle. 13-3/4" x 3/4" block size. 6-1/4" brush length.
- **20503** - Curved handle. 13-3/4" x 1-1/8" block size. 6-1/4" brush length.
- **20504** - Curved handle. 12" x 7/8" block size. 4" brush length.
- **20515** - Curved handle **with scraper**. 13-3/4" x 7/8" block size. 6-1/4" brush length.



SHOE HANDLE WIRE BRUSH

- **20517** - 10" x 1-1/16" block size. 5" brush length.
- **20503** - 10" x 1-1/16" block size with scrapper. 5" brush length.
- **20518** - **Heavy Duty**. 11" x 1-5/8" block size **with scrapper**. 4-1/2" brush length. Coarser wire, heavier fill--for severe applications.



WELDERS TOOTHBRUSH

- **20534** - Fine stainless steel wire with curved wood handle. 7-7/8" x 1/2" block size. 1-1/2" brush length.

FENDER BRUSHES



- Full flared brush ends. Heavy filled. For dairy, automotive and industrial applications.

LONG HANDLES:

21434 - 21-1/2" OAL. Stiff Palmetto Fill.
21435 - 21-1/2" OAL. White Tampico Fill.
21436 - 21-1/2" OAL. Palmyra Fill.

SHORE HANDLES:

21437 - 10" OAL. Stiff Palmetto Fill.
21438 - 10" OAL. White Tampico Fill.
21439 - 10" OAL. Palmyra Fill.



REMUV-ALL

- Wire brush with steel handle. Can be used on hot metal or can be exposed to flames.
- **20524** - 1-1/4" face width.



FLUE BRUSH

- Double spiral with 1/4" x 2-1/2" pipe nipple handle. 4-1/2" brush length.
- **20590** - 1-3/4" diameter brush.
- **20592** - 2-1/4" diameter brush.
- **20594** - 2-3/4" diameter brush.
- **20595** - 3" diameter brush.



CONDENSER PIPE BRUSH

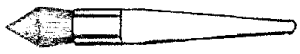
- 4" double spiral brush. 1/8" pipe nipple handle.
- **20661** - 1/2" diameter brush.
- **20663** - 3/4" diameter brush.
- **20665** - 1" diameter brush.



ACID BRUSHES

- Tin handle. Stiff horsehair bristle.
- **21507** - 3/8" brush width
- **21508** - 1/2" brush width
- **21509** - 5/8" brush width

PARTS BRUSHES

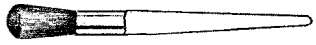


- Pointed end. Grey tempico fibre.

21499 - Size #1. 1-3/16" diameter
21500 - Size #2. 1-9/16" diameter

- Pointed end. Black crimped polypropylene fill.

21501 - 1-1/16" diameter

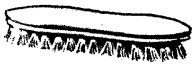


- Dome trim. Pure black bristle.



SCRUB BRUSH SQUARE END

- Smooth finish, hardwood blocks.
- **21425** - Plastic fill. 8" x 2-3/4" block size.
- **21426** - Palmyra fill. 8" x 2-3/4" block size.
- **21432** - Plastic fill, hand cleaning brush. 5" x 1-1/2" block size.



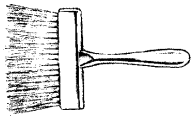
SCRUB BRUSH POINTED END

- Smooth finish, hardwood block.
- **21423** - Plastic fill. 8-3/4" x 2-1/4" block size



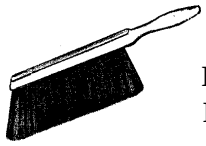
SCRUB BRUSH

- Handle design prevents hands from dipping into cleaning solutions.
- White polypropylene fill. 6-1/2" x 2-1/2" block size.



KALSOMINE BRUSHES

- Hardwood block. White Tampico fibre.
- **21711** - 6" width
- **21500** - 7" width



BENCH BRUSH

- **21372** - 9" Black Tampico fibre for general use. Molded plastic block.
- **21373** - 8" Black horsehair, re-enforced with nylon for fine sweeping. Molded plastic block.



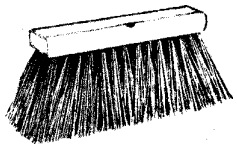
WISK BROOM

- **21505** - 7-1/2" compact broom made of palmetto fibre.
- **21506** - 10" for the factory or home. Made of corn fibres.



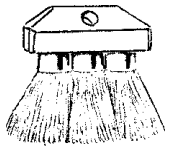
PV 602 WAREHOUSE BROOM

- Rugged design for tough jobs.
- 100% corn broom.
- Wire ban - 4 sew.



HEAVY DUTY PUSH BROOMS

- **20719** - African Bass Fibre. Flared end. Hardwood block. 19" sweep.
- **20720** - African Bass Fibre. Flared end. Hardwood block. 21" sweep.
- **20732** - Synthetic fill, designed to outwear natural fibre. Flared end. Hardwood block. 19" sweep.
- **20727** - Stiff Palmyra stalk fill. Flared end. Hardwood block. 19" sweep.



ROOF BRUSHES

- White tampico fibre fill that can be used with hot or cold coatings.
- **21702** - 3 knot. 6-1/4" x 1-3/4" block size.
- **21703** - 4 knot. 8-1/4" x 1-3/4" block size.



PUSH BROOM BRACE

- **21734** - Fits on the underside of handle between handle and block. It re-enforces and locks the handle to the block.



PUSH BROOM BRACE

- **21735** - A sturdy steel strap clamps around handle and extends to block where it fastens with screws. Extended brackets are especially good for wide floor brushes.

FLOOR SWEEPING BRUSHES



FINE SWEEPING
For Use on Smooth or Polished Floors

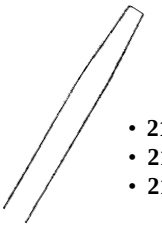
- **ALMA** - Horsehair - nylon mix. Sizes: 18" and 24"
- **LUCILLE** - Horsehair-tempico fibre mix. Sizes: 18" and 24"

MEDIUM SWEEPING
For General Use

- **PEARL** - Oil resistant, washable black synthetic fill. Sizes: 18" & 24"
- **ACME** - Economy grade, black tampico fibre fill. Sizes: 24"
- **ALICE** - Popular style. Black tampico fibre centerwith horsehair casting. Sizs: 18", 20", 30" & 36.
- **VANGUARD** - Oil treated stiff Palmetto fibre center with horsehair casing. Sizes: 18" & 24".

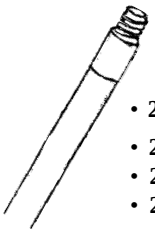
HEAVY SWEEPING
For Sweeping Concrete and Rough Surfaces

- **DICK** - Stiff Palmyra fibre for sweeping in wet or dry conditions. Sizes: 18" & 24"
- **ALERT** - Red-brown plastic filaments which are non-absorbant, oil resistant and washable. Outlasts most natural fibres. Sizes: 18" & 24"
- **HUMMER** - Center row of round steel wire easily penetrates grease, dirt, etc. Balance of fill is tampico fibre. The wire trim is shorter than the balance of the stock. Extra pressure engages wire with brushing surface. Sizes: 18" & 24".



TAPERED END HANDLES

- **21729** - 4-1/2'
- **21730** - 5'
- **21731** - 6'



THREADED HANDLES

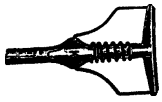
- **21705** - 5' Die-cast metal end
- **21723** - 4-1/2'
- **21724** - 5'
- **21725** - 6'

BRUSHES & BROOMS



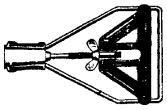
MILWAUKEE BRUSH COTTON MOP HEADS

- 16 ply, with tight twist yarn for extra hard use. Absorbs freely and quickly.
- **SIZES:** (in ounces) 12, 16, 20 & 24 oz.
- 4 ply, std grade. For household use. 32 oz.



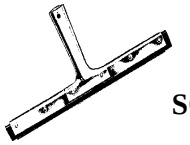
MOP STICK

- Lever operated, with coil spring to hold mop head in place.
- 54" handle.



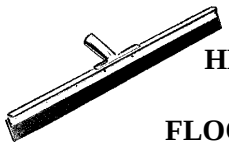
JANITOR'S MOP STICK

- Extra heavy duty steel head. Screw, bail and wing nut hold mop head in place.
- 54" handle.



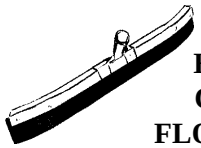
WINDOW SQUEEGEES

- Two quality rubber strips attached to plated steel frame with machine screws.
- SIZES: 6, 8, 10, 12, 14, 16 and 18"



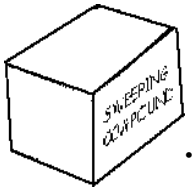
HEAVY DUTY STRAIGHT FLOOR SQUEEGEE

- Neoprene rubber (1/4" thick x 2" wide), attached to cadmium plated steel frame with screws.
- SIZES: 18, 24, 30 & 36"



HEAVY DUTY CURVED END FLOOR SQUEEGEE

- Black neoprene rubber (1/4" thick x 2-1/2" wide), attached to cadmium plated steel frame with screws. Oil resistant.
- SIZES: 24, 30 & 36"



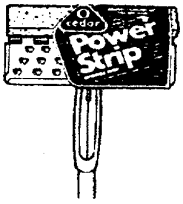
80# BOX SWEEPING COMPOUND

- High grade compound sold in economical bulk box



COVERED DUST PAN

- **60B** - Extra large and made of heavy steel with corrugated bottom and reinforced edge. 12-1/2" wide.



201 O'CEDAR POWER STRIP SPONGE MOP

- Scrubs and mops in one easy action.
- Sponge has a scrubber on one side for removing heel marks.
- **#205** - Power Strip Re-fill



CELLULOSE SPONGES

- Man made sponge. Soft, tough and pliable when wet. Can be used around food or drink as well as general purpose cleaning.
- **4A** - 7/8" x 3-1/4" x 4-1/2"
- **6A** - 1" x 3-1/2" x 6"
- **8A** - 1-1/2" x 4-1/2" x 7-1/8"
- **10A** - 2" x 4-1/2" x 7-1/8"



SOILAX

- General purpose cleaner for all painted and washable surfaces. Mix in water
- SIZES: 16 & 44 oz



WINDEX GLASS CLEANER

- **22oz** - Plastic bottle with grip-trigger sprayer.
- **32oz** - Refill



PINE-SOL LIQUID CLEANER

- Cleans, disinfects & deodorizes
- 28 oz.



LYSOL DISINFECTANT SPRAY

- Eliminates odors, kills household germs on environmental surfaces. Prevents mold and mildew.
- 12 oz spray bottle.



GUMOUT CARBURATOR CLEANER

- Sprays away fuel system gum and varnish deposits from carburetors, automatic chokes, PCV valves and manifold heat controls.
- 13 oz jet spray.



GUNK DEGREASER

- Removes grease from engines or concrete floors. Cleans pain brushes, power mowers and machinery. Rinses off with water, and won't clog drains.
- 20 oz spray & quarts.



JOHNSON PASTE WAX

- World famous finish for floors, furniture and many other surfaces.
- 1# can



SCRUBS in-a-BUCKET® HAND CLEANER TOWELS

- Heavy-duty hand cleaner towel that loosens, dissolves & absorbs dirt, grease, oil, paint & more from hands.
- 72 towels in dispenser bucket



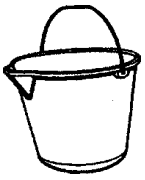
METAL POLISH

- Polishes aluminum, brass, bronze, copper, stainless steel, nickel and chrome. Also works on porcelain, ceramic tile and baked enamel.
- 8 oz bottle.



BRASSO METAL POLISH

- To be used on fine metals. Cleans, polishes and protects brass, copper, chrome, stainless steel and pewter.
- 8 oz



PLASTIC BUCKETS

- **0261** - Spout pail. 11 qt capacity
- **0263** - Double spout pail. 9 qt capacity.



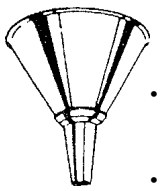
GALVANIZED PAILS

- All purpose water pails. Standard weight & hot-dripped.
- SIZES: 10 qt & 12 qt.



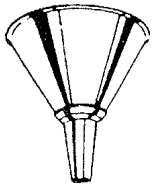
321 FLEXIBLE FUNNEL

- Large 6" mouth
- 12-3/4" flexible metal hose.
- Tip tapers to 1/2" OD.
- 2 quart size.
- Includes filter screen.



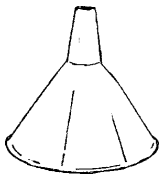
UTILITY FUNNEL

- For general all purpose use. Hot-dipped galvanized. Snap-in strainer.
- 2 quart size.



ALUMINUM FUNNELS

- For light duty use.
- SIZES: 1/4 pt., 1/2 pt., pt., qt., 2 qt., & 1 gal.



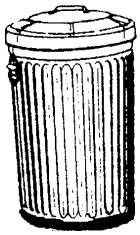
PLASTIC UTILITY FUNNELS

- Heavy duty poly -plastic funnels.
- SIZES: 1/2 pt, 1 pt. & 1 quart.



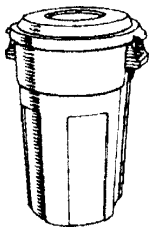
LOCK-ON TRACTOR FUNNEL

- Tip-proof. Positive air vent in lock provides steady flow of fuel. Hot-dipped. 10-1/4" bowl dia.
- 1 gallon size.



GARBAGE CANS STEEL

- Cans are dipped in molten zinc to resist rust and to be leak-proof.
- SIZES: 20 & 30 gallon.



POLYETHYLENE TRASH CONTAINER

- Formulated fo all weather conditions.
- 33 gallon.



COLEMAN CABLE TRI-SOURCE® IN-LINE GFCI

- Provides personal protection from ground faults and open neutral conditions anywhere electrical equipment is used. UL listed. Meets OSHA specs.
- **#EC 02841** - 12/3, Wire type: SJEOW, 125V rating of 15
- 2.5' long
- Power indicator light type available.



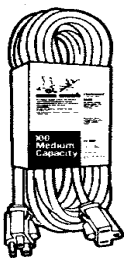
COLEMAN CABLE GFCI EXTENTION CORD

- Features molded Tri-Source® and power indicator light. Provides protection for the job site, plant floor or workshop. UL listed.
- **#EC 03392** - 12/3, Wire type: SJEOW, 125V rating of 15
- 2' long



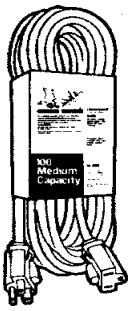
16-2 EXTENSION CORD

- Medium capacity, for garden and outdoor tools.
- Polarized. Orange cord.
- SIZES: 25', 50' & 100'



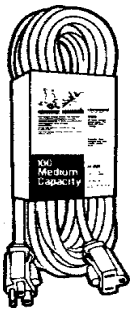
16-3 EXTENSION CORD

- **Medium capacity**, for garden and outdoor tools.
- Polarized. Grounded Orange cord.
- SIZES: 25', 50' & 100'



16-3 EXTENSION CORD

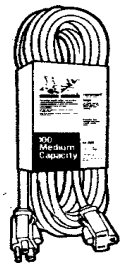
- Medium capacity, **premium grade**, long life, all weather. Resists abrasion, ozone, ultraviolet deterioration, oxygen and most chmicals.
- Polarized. Grounded. Yellow cord.
- SIZES: 25', 50' & 100'



14-3 EXTENSION CORD

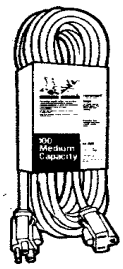
- Heavy capacity, for garden and outdoor tools.
- Polarized. Grounded. Orange cord.
- SIZES: 25', 50' & 100'

ELECTRICAL



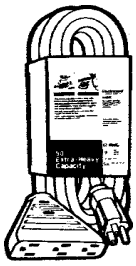
12-3 EXTENSION CORD

- **Heavy capacity**, for garden and outdoor tools.
- Polarized. Grounded. Orange cord.
- SIZES: 25', 50' & 100'



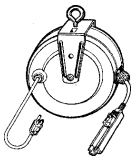
12-3 EXTENSION CORD

- **Industrial & construction grade**, premium quality, all weather. Resists abrasion, the environment and most chmicals.
- Polarized. Grounded. Red cord.
- SIZES: 25', 50' & 100'



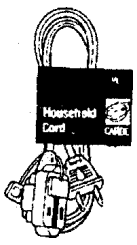
POWER BLOCKS

- Extension cord designed for 3 power tools or appliances.
- **12/3 x 25' Orange**. Ideal for outdoor/garden tools.
- **12/3 x 2' Red.** Extra flexible, even in high or sub-zero temperatures.



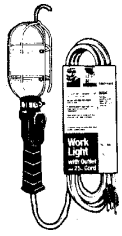
CORD REEL

- 16/3 x 30' retractable extension cord with cord-lock feature.
- 9-1/4" diameter unit.
- For overhead use, when cord needs to be out of the way.



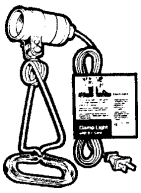
HOUSEHOLD EXTENSION CORDS

- SPT - 16/2 polarized cord.
- Cord has smooth vinyl finish.
- Brown or White available
- **Lengths**: 6, 9, 12 & 15'



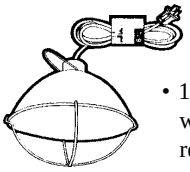
TROUBLE LIGHTS

- Metal guard. All weather flex cord. Resist oil, grease and most chmicals.
- 16/3 cord with on/off switch.
- SIZES: 25' & 50'



SOCKET ADJUST-O-CLAMP LAMP

- Clamps over surfaces up to 3-1/4" wide.
- 6' cord.



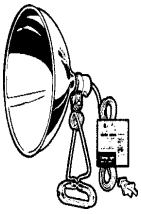
BROODER LIGHT

- 10" metal reflector shade with bulb guard. Heat-resistant porcelain socket.
- 18/2 x 6' cord.



SPRING CLAMP For Brooder Lamp

- Converts hanging-type lamp to clamp type.
- Plated parts - to resist corrosion.



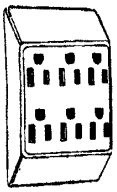
REFLECTOR LIGHTS

- 5-1/2" bell-shaped aluminum reflector with 6' cord.
- 8-1/2" aluminum reflector shade with 6' cord.
- 10" aluminum reflector shade with 6' cord.



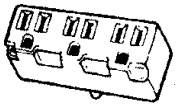
6 -OUTLET CENTER

- 15 amp-125v. grounded recepticles. 14-3 wire cord, 6' long. Reset circuit breaker, on/off switch and pilot light. UL Listed.
- For indoor home or office use.



6 -OUTLET GROUNDING TAP

- Converts any duplex receptacle into 6 grounded outlets.
- Finishes: Brown & Ivory



TRIPLE TAP GROUNDED

- Rigid plastic construction.
- Converts a single grounded outlet into 3.



CUBE TAP

- Unbreakable rubber construction. Brown.
- Takes any single outlet and makes it into 3.

NYLON CABLE TIES



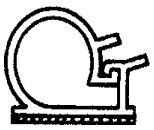
- SIZES: 4", 6", 7", 11" & 14"
- Reusable size: 8"



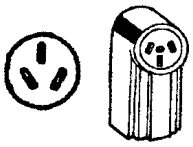
NYLON CABLE TIE HOLDER

- **70477** - Designed to support heavier loads.

INSULATED WIRE OR TUBE HOLDERS

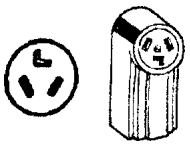


- Adhesive back
- Made from resilient PVC. Withstands temperatures from -140F to +185F
- **70478** - Small 1/4" ID
- **70479** - Large 1/2" ID



112B RANGE OUTLET

- 50A, 250V with flat ground prong.



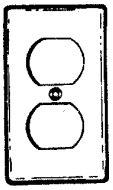
125B DRYER OUTLET

- 30A, 250V with "L" ground prong.

DOUBLE OUTLET (w/ground)

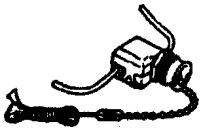


- Parallel grounding. Can be wired by pressure terminals or by screws. Takes #12 or 14 wires.
- Brown or Ivory



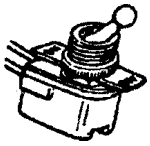
PLASTIC OUTLET WALL PLATE

- Smooth easy-clean surface.
- Brown or Ivory



PULL CHAIN SWITCH (single pole)

- Metal shell. Interior mechanism has snap action.



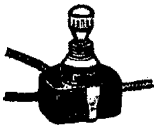
BALL TOGGLE SWITCH (single pole)

- Nickel finish neck, locknut & switch handle. UL Approved.



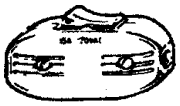
PUSH BUTTON SWITCH (single pole)

- On/Off sequence. Bakelite knob with brass nuts.



ROTARY CANOPY SWITCH (single pole)

- 6" Leads. Bakelite knob.



FEED THRU SWITCH

- **5361** - Cord switch. Rocker type for parallel rubber or plastic lamp cord. 750w. capacity.



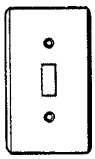
FLUSH WALL SWITCH

- Plaster ears. Compact housing. Takes #14 or 12 wire.
- Brown or Ivory



QUIET TYPE WALL SWITCH

- Combination pressure lock and screw terminals. Takes #14, 12 and 10 wire.
- Available in single pole or 3-way types.
- Brown or Ivory



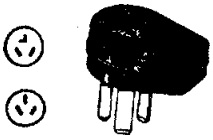
PLASTIC SWITCH WALL PLATE

- Smooth easy-clean surface.
- Brown or Ivory



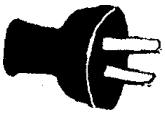
CONCEALED CLEAT RECEPTACLE

- Surface mount. Medium porcelain base.



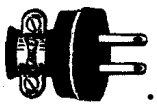
80 UNIVERSAL CAP

- 30A, 250V with "L" ground prong or 50A, 250V with flat ground prong. UL Listed.



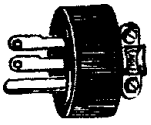
117 BLACK RUBBER CAP

- Brass blades. Maximum wire size is #14



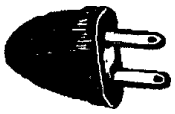
202 RUBBER HANDLE CAP

- Heavy duty cap with clamp and fiber washers.
- .600 cord hole.
- 2 conductors.



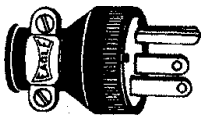
215 PARALLEL GROUNDING RUBBER CAP

- Comes with cord clamp.
- Cord hole: .225 to .600.



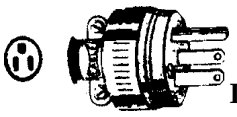
240 STA-TITE CAP

- Male cap only.
- For 2 conductor wire



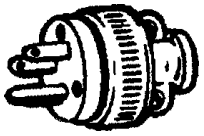
1709 DEAD FRONT GROUNDING CAP

- 3-wire cap with dead front construction, meets UL requirements. Comes with clamp.
- Cord hole: .250 to .600



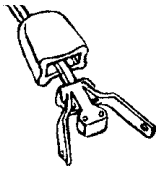
4867 GROUNDED PLASTIC DEAD FRONT CAP

- Molded with impact and chemical resistant plastic. Safety yellow collor. Armor and clamps are zinc plated.
- Clamp takes all cord sizes.



2867 PARALLEL GROUNDING CAP

- Heavy duty double wipe contacts, with removable cord clamp inserts.
- Cord hole: .325 to .685
- Will take 3 - #12 wires



ACADEMY PLUG CAP

- After wire is inserted, just close and contact is made. No terminals.
- Pearl or Brown



QUICK CLAMP PLUG CAP

- For use with 18/2 parallel lamp cord. No screws or wire stripping required. Cam action makes positive contact with wire.
- Ivory.



POLARIZED CLAMSHELL CORD CONNECTOR

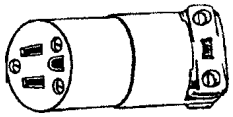


- Has integral cord grip and terminal screw contacts.
- For use with 14/2 or smaller cord.



116 STA-TITE CONNECTOR

- Female cap only.
- For 2 conductor wire



4887 PLASTIC GROUNDING CONNECTOR

- Molded with impact and chemical resistant plastic.
- Safety Yellow
- Clamp takes all cord sizes.

252 PARALLEL GROUNDING RUBBER CONNECTOR

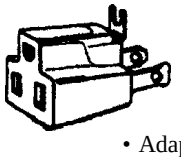


- Heavy duty connector, with heavy duty contacts.
- Component parts are held togehter with screws. Includes clamp.
- Cord Hole: .225 to .600



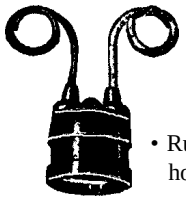
2887 PARALLEL GROUNDING CONNECTOR

- Heavy duty clamp terminals. Will take 3 - #12 wires. Each polarity separated by vinyl dividers. Unbreakable vinyl body.



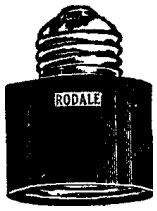
419 GROUNDING ADAPTER

- Adapts 3-wire systems to 2-wire systems.
- Grey



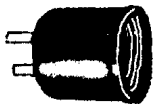
145 WEATHERPROOF SOCKET

- Rubber pigtail with shade holder groove.



362 SOCKET ADAPTER

- Fibre socket reducer adapts from medium to mogul base.



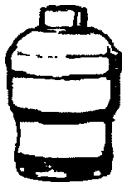
1701 SOCKET ADAPTER

- Converts outlet into lampholder. Brown.



4310 PLUG BASE

- Attachment that turns an electrical socket into an outlet. Brown.



5630 BRASS KEYLESS SOCKET

- Metal shell with plastic interior.
- 1/8" nozzle cap.



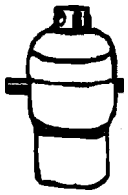
5620 KEY SOCKET

- On/off switch. Metal shell with plastic interior.
- 1/8" nozzle cap.



5619 THREE-WAY SOCKET

- 4-position switch. (off, low, medium, high)
- 1/8" nozzle cap.



5610 BRASS PUSH-THRU SOCKET

- 50A, 250V with flat ground prong.



5600 BRASS PULL CHAIN SOCKET

- Metal shell with sealed plastic interior.
- 1/8" nozzle cap.



1707 PULL CHAIN CURRENT TAP

- Two side oulets are always live, not controlled by pull chain.
- Brown & Ivory



1706 KEYLESS CURRENT TAP

- Unit has two side oulets. Interior molded threads.
- Brown



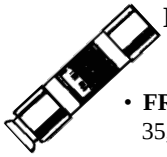
1703 TWIN LIGHT SOCKET

- Converts single socket into double lampholder.
- Brown



BUSS ONE-TIME FUSES

- **NON** (amps) 15, 20, 25, 30, 35, 40, 45, 50 & 60.



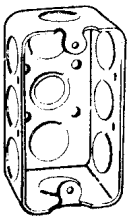
BUSS FUSETRON DUAL ELEMENT FUSES

- **FRNR** (amps) 15, 20, 25, 30, 35, 40, 45, 50, 60 & 100



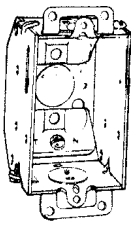
BUSS FUSETRONS

- T (amps) 8, 10, 15, 20, 25 & 30.
- Time delay. Won't blow when motors start or from heavy currents lasting a short time.



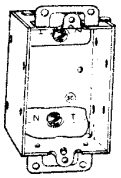
58361-1/2-R
HANDY OUTLET BOX

- 1-7/8" deep, with conduit knockouts.
- 1/2" knockouts.



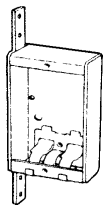
LCOW-R
LOOM SWITCH BOX

- 2-1/4" deep. Gangable. Beveled corners with non-metallic sheathed cable clamps.
- 1, 1/2" knockout on each end.



SWB-R
SWITCH BOX

- 1-1/2" deep, non-gangable with non-metallic sheathed cable clamps.
- 2 knockouts on each end.



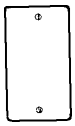
SSQV-R
SWITCH BOX

- 1" deep non-gangable.
- 2 knockouts on one end.

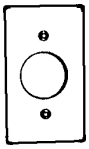
According to the National Electrical Code, every break or termination in an electric cable must be enclosed in an appropriate box. This rule applies to switches and fixture connections as well as to splices and junctions.

We have switch box supports for mounting boxes in all types of walls. Also available are adjustable bar hangers for mounting boxes between joists.

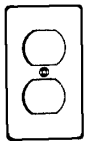
CADMIUM PLATED UTILITY BOX COVERS



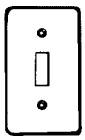
58-C-1-R
BLANK COVER



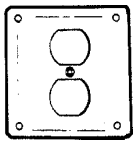
58-C-5
SINGLE RECEPTACLE COVER



58-C-7-R
DUPLEX RECEPTACLE COVER



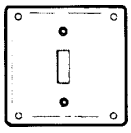
58-C-30-R
TOGGLE SWITCH COVER



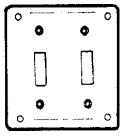
RS-12-R
4" DUPLEX RECEPTACLE COVER



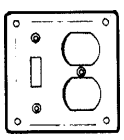
RS-8-R
4" TWO DUPLEX RECEPTACLE COVER



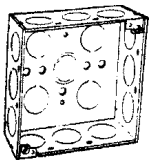
RS-9-R
4" SINGLE TOGGLE COVER



RS-5-R
4" DUPLEX TOGGLE COVER

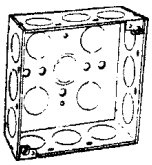


RS-2-R
4" TOGGLE & RECEPTACLE COVER



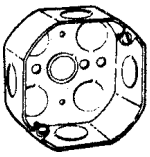
52151-1/2-W-R
4" SQUARE BOX

- 1-1/2" deep, with conduit knockouts.
- 1/2" knockouts.



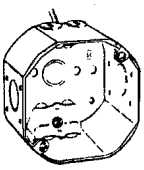
52151-1/2 x 3/4-W-R
4" SQUARE BOX

- 1-1/2" deep, with conduit knockouts.
- 1/2" knockouts.



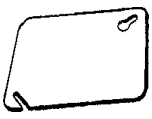
54151-1/2-R
4" OCTAGON BOX

- 1-1/2" deep, with conduit knockouts.
- 1/2" knockouts.

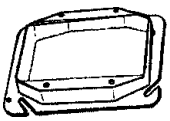


54151-N-R
4" OCTAGON BOX

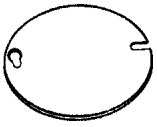
- 1-1/2" deep, with non-metallic sheathed cable clamps.
- 1/2" knockouts.



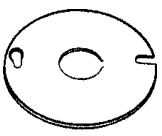
52-C-1-R
4" BLANK COVER



52-C-17-R
4" (1/2" RAISED) SQUARE BOX COVER

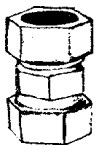


4" OUTLET BOX COVER (blank)



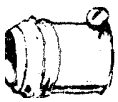
4" OUTLET BOX COVER with 1/2" KNOCKOUT

ELECTRICAL



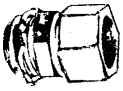
EMT COMPRESSION COUPLING

- Has integral cord grip and terminal screw contacts.
- For use with 14/2 or smaller cord.



EMT SET SCREW CONNECTOR

- Concrete tight. Die cast.
- SIZES: 1/2" & 3/4"



EMT COMPRESSION CONNECTOR

- Rain and concrete tight. Die Cast.
- SIZES: 1/2" & 3/4"



STEEL CONDUIT LOCKNUTS

- For rigid conduit.
- SIZES: 3/8", 1/2" & 3/4"



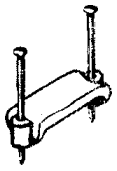
CLAMP CONNECTORS

- 2 screw connectors for 3/8" & 3/4" Romex.



EMT STRAPS

- General duty, bright zinc plated.
- SIZES: 1/2" & 3/4"



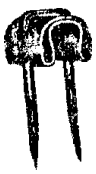
PLASTIC HANDY STRAP

- Plastic saddle will not rust, corrode, or damage cable. Nails can be easily driven.
- SIZES: 1/2" & 3/4"



ROMEX STAPLES

- Takes 14/2, 14/3, 12/2 & 12/3 romex.
- SIZES: 1/2" & 1"



INSULATED STAPLES

- Painted (brown or white)
- SIZES: 1/4" & 5/8"



LIGHT BULBS



STANDARD

Soft White bulbs available in:
25, 40, 60, 75, 100, 150 & 200 watts.

Clear bulbs available in:
200 & 300 watts and 300 watt mogal base.

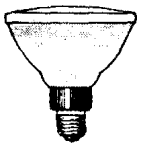
3-WAY

Soft White bulbs available in:
{30-70-100}, {50-100-150} & {100-200-300 mogal base}

ROUGH SERVICE

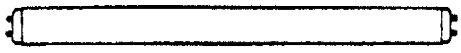
Inside Frost bulbs available in:
50, 75, 100 & 150 watts.

LAMPS



- **30W** - I.F. Reflector
- **50W** - I.F. Reflector
- **75W** - I.F. Reflector Flood
- **150W** - I.F. Reflector Flood
- **150W** - Spot
- **150W** - Flood

FLUORESCENT LAMPS



- For use with starters
- Cool White
- **SIZES:**

F14T12/CW	15"	Bi-pin
F15T8/CW	18"	Bi-pin
F15T12/CW	18"	Bi-pin
F20T12/CW	24"	Bi-pin
F40/CW	48"	Bi-pin
F96T12/CW	96"	Single-pin
F96T12/CW/HO	96"	Single-pin



FLUORESCENT STARTERS

- **FS-2** -- For 14-15-20 watt lamps.
- **FS-4** -- For 30-40 watt lamps.



FLASHLIGHT BULBS

- We stock the **PR** series bulbs and have many other series available for quick shipment.



RAYOVAC 4546 SEALED BEAM BULB

- For 6 volt lanterns.



RAYOVAC 301 SEALED BEAM LANTERN

- Uses 6v screw terminal battery.



RAYOVAC L295S RED BEAM FLOATING LANTERN

- Red housing. 6v battery with spring terminals.



LM10S HEAVY DUTY FLOATING LANTERN

- Gray housing. 6v battery with spring terminals.



RAYOVAC H22M-1 ALL-PURPOSE PLASTIC FLASHLIGHT

- Heavy duty construction, with magnet.
- 2 "D" cell size batteries required.

RAYOVAC ROUGHNECK



- Features a spot-to-flood focus, krypton bulb and a guaranteed push button switch.
- Housing is chemical / solvent resistant and waterproof.
- **SIZES:**
  RN1 - 2"C" cell size batteries
  RN2 - 2 "D" cell size batteries
  RN3 - 3 "D" cell size batteries
  RN4-S - 2 "AA" cell size batteries. (2 alkaline batteries included)



945 6 VOLT BATTERY

- Heavy duty battery with **screw terminals.**



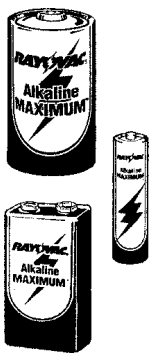
944 6 VOLT BATTERY

- Heavy duty battery with **spring** terminals.



918 HEAVY DUTY BATTERY

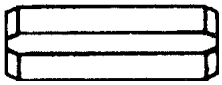
- 6 volt s battery with **screw** terminals.



ALKALINE BATTERIES

- High performance grade.
- Available on cards or in tray packs.
- SIZES: **C, D, AA, AAA and 9-volt.**

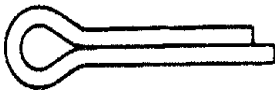
EXPANSION PINS (spring lock pins)



- Slotted spring lock pins are stocked in a zinc plated finish. Sold by the each. Call for pricing on bulk quantities.
- **SIZES:**

Dia.	Available Lengths
3/32"	{5/8, 3/4, 1, 1-1/2"}
1/8"	{3/8, 1/2, 5/8, 3/4, 7/8, 1, 1-1/4, 1-1/2, 2"}
5/32"	{1, 1-1/2, 2"}
3/16"	{3/4, 7/8, 1, 1-1/4, 1-1/2, 1-3/4, 2, 2-1/4"}
7/32"	{5/8, 3/4, 1, 1-1/2, 2"}
1/4"	{1/2, 5/8, 11/16, 3/4, 7/8, 1, 1-1/4, 1-3/8, 1-1/2, 1-5/8, 1-7/8, 2, 2-1/4, 2-1/2"}
5/16"	{1, 1-1/4, 1-1/2, 2, 2-1/4, 2-1/2, 2-3/4"}
3/8"	{1-1/4, 1-1/2, 2, 2-1/4, 2-1/2, 2-3/4, 3"}
7/16"	{1, 1-1/4, 1-1/2, 1-3/4, 2, 3"}
1/2"	{1-1/4, 1-1/2, 1-3/4, 2, 2-1/2, 3"}

COTTER PINS



- **SIZES:**

Dia.	Available Lengths
1/16"	{1/2, 3/4, 1}
3/32"	{1/2, 3/4, 1, 1-1/4, 1-1/2, 1-3/4, 2"}
1/8"	{1/2, 3/4, 1, 1-1/4, 1-1/2, 1-3/4, 2, 2-1/2"}
5/32"	{3/4, 1-1/4, 1-1/2, 1-3/4, 2"}
3/16"	{3/4, 1, 1-1/4, 1-1/2, 1-3/4, 2, 2-1/2"}
1/4"	{1, 1-1/2, 2, 2-1/2, 3"}
5/16"	{1, 1-1/2, 2, 3, 3-1/2"}
3/8"	{2-1/2, 3, 4"}

BRIDGE PINS (zinc plated)



- For use with clevis pins, universal pins, hitch pins or other types of free-fitting assemblies.

Size	Shaft Sizes
#1	{13/16}
#2	{1/4, 5/16"}
#3	{5/16, 3/8"}
#4	{7/16, 1/2"}

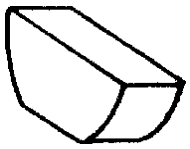


CLEVIS PINS

- Manufactured to standard SAE dimensions.
- **SIZES:**

Dia.	Available Lengths
1/4"	{3/4, 1, 1-1/4, 1-3/4, 2, 2-1/4, 2-1/2"}
5/16"	{1, 1-1/4, 1-1/2, 1-3/4, 2, , 2-1/2, 3"}
3/8"	{1, 1-1/4, 1-1/2, 1-3/4, 2, 2-1/4, 2-1/2, 3"}
7/16"	{1, 1-1/4, 1-1/2, 1-3/4, 2"}
1/2"	{1, 1-1/4, 1-1/2, 1-3/4, 2, 3, 4"}

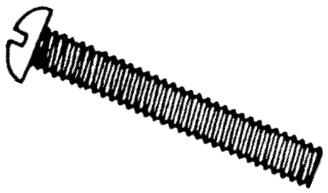
WOODRUFF KEYS



- **SIZES:**

Dia.	Available Lengths
1/2"	{1/16, 3/32, 1/8"}
5/8"	{3/32, 1/8, 5/32, 3/16"}
3/4"	{1/8, 5/32, 3/16, 1/4"}
7/8"	{5/32, 3/16, 7/32, 1/4"}
1"	{3/16, 7/32, 1/4, 5/16, 3/8"}
1-1/8"	{3/16, 7/32, 1/4"}
1-1/4"	{3/16, 7/32, 1/4, 5/16, 3/8"}
1-3/8"	{1/4, 5/16, 3/8"}
1-1/2"	{1/4, 5/16, 3/8"}
2-1/8"	{3/16, 1/4, 5/16, 3/8"}
2-3/4"	{1/4, 1/2"}

MACHINE SCREWS



- Slotted head.
- We can quote on bulk quantities.
- Zinc Chromate Steel
- Stainless Steel.



R Round head



F Flat Head



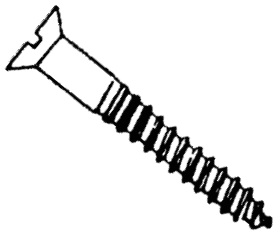
T Truss Head



H Hex Head

LENGTH	DIAMETER										
	1/10	1/8	3/16	1/4	5/12	5/16	1/2	1/4-20	5/16-18	3/8-16	1/2-13
1/4			R	R	R						
3/8	R		RF	RF	RF	RF		RF			
1/2		RF	RFH	RFH	RFT	RFH	RF	RFT			
5/8				RF	R						
3/4	RF		RFH	RFH	RFTH	RF	RF	RFT	RFT	FT	
1	F	R	RFH	RFH	RFT	RF	RF	RFT	RFT	RT	
1-1/4			F	R	RF	RF	R	RF	F	RF	F
1-1/2	F	R	RF	RF	RFT	RF	RF	RF	FT	RFT	
2			RF	RFT	RF	RF	RFT	RFT	RFT	RFT	F
2-1/2			F	RF	RF	F		RFT	RT	F	
3			RF	RF	RF	R	F	RFT		RFT	
3-1/2					R			RF	F	F	
4					R			RF	RF	RF	R
4-1/2					F			RF	F		
5					F			RF	RF		
6					F			R			R

WOOD SCREWS



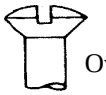
- Flat heads have phillips drive. (some slow moving sizes are slotted).
- Round and Oval heads have slotted drive
- Zinc Chromate Steel
- Brass (many sizes available)



R Round head



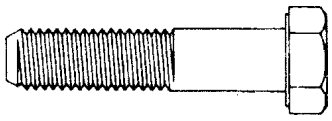
F Flat Head



O Oval Head

LENGTH	DIAMETER										
	1/10	1/8	3/16	1/4	5/12	5/16	1/2	1/4-20	5/16-18	3/8-16	1/2-13
1/4			R	R	R						
3/8	R		RF	RF	RF	RF		RF			
1/2		RF	RFH	RFH	RFT	RFH	RF	RFT			
5/8				RF	R						
3/4	RF		RFH	RFH	RFTH	RF	RF	RFT	RFT	FT	
1	F	R	RFH	RFH	RFT	RF	RF	RFT	RFT	RT	
1-1/4			F	R	RF	RF	R	RF	F	RF	F
1-1/2	F	R	RF	RF	RFT	RF	RF	RF	FT	RFT	
2			RF	RFT	RF	RF	RFT	RFT	RFT	RFT	F
2-1/2			F	RF	RF	F		RFT	RT	F	
3			RF	RF	RF	R	F	RFT		RFT	
3-1/2					R			RF	F	F	
4					R			RF	RF	RF	R
4-1/2					F			RF	F		
5					F			RF	RF		
6					F			R			R

HEX CAP SCREWS



- **Grade 5** -- Heat treated
- Zinc Plated
- Sold by the each, 100 or by the 1,000 (quotes available on bulk)
- 1/4" sizes and lengths longer than 6" will be priced per application.

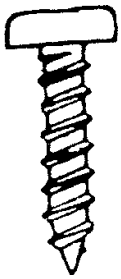
Thread Lengths

The formula for determining basic thread length on cap screws:

- For bolts or screws **6" or under** -- twice the diameter plus 1/4"
- For bolts or screws **over 6"** -- twice the diameter plus 1/2"

LENGTH	DIAMETER									
	1/4-20	5/16-18	3/8-16	7/16-14	1/2-13	9/16-12	5/8-11	3/4-10	7/8-9	1-8
1/2	X	X	X							
3/4	X	X	X	X	X					
1	X	X	X	X	X	X	X			
1-1/4	X		X					X		
1-1/2	X	X	X	X	X	X	X	X		
2	X	X	X	X	X	X	X	X	X	X
2-1/4			X							
2-1/2	X	X	X	X	X	X	X	X		
3	X	X	X	X	X	X	X	X	X	X
3-1/2	X	X	X	X	X	X	X	X		X
4	X	X	X	X	X	X	X	X	X	X
4-1/2	X	X	X	X	X	X	X	X		
5	X	X	X	X	X	X	X	X	X	X
5-1/2	X	X	X	X	X	X	X	X		
6	X	X	X	X	X	X	X	X	X	X

WE ALSO CARRY CERTAIN SIZES IN: **Grade 2** (coarse thread), **Grade 8** (coarse & fine thread) & **Stainless Steel** (coarse thread)



PHILLIPS TAPPING SCREWS

- Type AB
- Zinc Chromate Steel
- Stainless Steel - many sizes in stock.
- Phillips drive (some slotted are available)
- Sold by the each, 100, or by the 1,000.
- Special sizes can be special ordered.



P
Pan Head

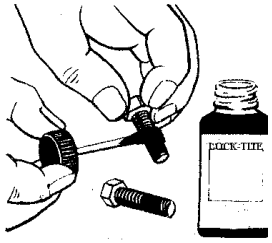


H
Hex-Washer Head



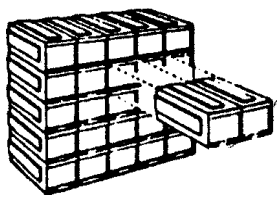
F
Flat Head

LENGTH	DIAMETER						
	4	6	8	10	12	14
3/8	PF	PF	PF	PF		
1/2	PF	PFH	PFH	PFH	PFH	PFH
5/8		PF	PF	PF	P	P
3/4	PF	PFH	PFH	PFH	PFH	PFH
1	PF	PFH	PFH	PFH	PFH	PFH
1-1/4		PFH	PFH	PFH	PFH	PFH
1-1/2		PFH	PFH	PFH	PFH	PFH
1-3/4			PF	PF	PFH	P
2			PFH	PFH	PFH	PFH
2-1/2			P	P	P	P
3			P	P	P	P



LOCK-TITE

- Paint-on locking formula for threaded parts.
- A coated part can be adjusted, removed and reused.
- 1 oz bottle.



STORAGE PARTS BOX

- Various Sizes Available

DRILL & TAP SCREWS



PAN HEAD PHILLIPS



HEX HEAD SLOTTED & HEX BONDED SEALING

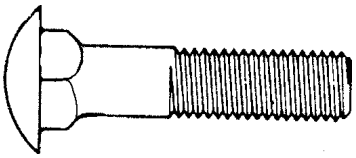
- These screws perform in one fast, simple operation by using a standard drill screw power tool rated at 2500 rpm and a driving pressure of 25-30 pounds. (1/4" screws take less rpm and greater pressure.)
- Packaged: 100/box, 50/box, 250, box & 500/box
- Electroplated
- NOTE: Bonded sealing screws are used when a weathertight seal is needed after application. (ie. roof panels)

LENGTH	DIAMETER						
	6-20	8-18	10-16	10-24	12-14	1/4-14	1/4-20
3/8	P						
1/2	P	PH	PH				
5/8		PH	H				
3/4		PH	PHB		HB	H	
1		PH	H		HB	HB	H
1-1/4			H				
1-1/2		P		H	H		

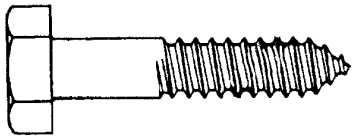
P - Pan Head Phillips **H -** Hex Slotted **B -** Bonded Sealing

CARRIAGE & LAG BOLTS

- Zinc Plated
- **Carriage bolts (C)** have a square shoulder under the head that pulls into soft materials such as wood and prevents the bolt from turning while the nut is being tightened.
- **Lag bolts (L)** are for use in wood or with masonary lag shields.



CARRIAGE BOLT (C)



LAG BOLT (L)

LENGTH	DIAMETER						
	3/16	1/4	5/16	3/8	7/16	1/2	5/8
1/2	C						
3/4	C	C	C	C			
1	C	CL	CL	CL			
1-1/4		L	L	C			
1-1/2	C	CL	CL	CL	C	CL	C
2	C	CL	CL	CL	C	CL	CL
2-1/2		CL	CL	CL	C	CL	C
3	C	CL	CL	CL	C	CL	CL
3-1/2		CL	CL	CL			
4		CL	CL	CL	C	CL	CL
4-1/2		CL	CL	CL	C	CL	
5		CL	CL	CL	C	CL	CL
5-1/2		L	CL	CL		CL	
6		CL	CL	CL	C	CL	CL
6-1/2			C				
7		C	C	CL		CL	C
8			C	CL		CL	



HANGER BOLTS

- Machine thread x lag thread.
- Zinc chromate steel.
- **SIZES:**

Dia. x Length

3/16" x {1-1/2, 2"}
1/4-20 x {2, 2-1/2, 3, 4"}
5/16-18 x {2, 2-1/2, 3, 3-1/2, 4"}
3/8-16 x {3, 3-1/2, 4"}

****

If you are unsure about the proper use of bolts, we will get copies of standards and specifications from the factory. We purchase fasteners from suppliers located throughout the United States. We have, and can, special order those hard to find items, quote a price and provide shipping dates.

Call our toll-free number for more details.

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SPECIALTY SCREWS

DRYWALL SCREWS



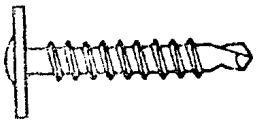
- Phillips Bugle Head
- Black phosphate finish
- Attached material to metal studs. Can also be used as a general purpose screw.
- **SIZES:** 1, 1-1/4, 1-5/8, 2-1/4, 2-1/2, 3, 4-1/2 and 6".

SELF-DRILLING DRYWALL SCREWS



- Phillips Bugle Head
- Drill tip point.
- **SIZES:** 1-1/4", 1-5/8", 2 and 2-5/8".

SELF-DRILLING PHILLIPS WAFER HEAD SCREWS



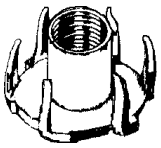
- **9/16"**. Attaches metal lath and other materials requiring a greater bearing surface, to metal studs and track.

TRIM HEAD SCREWS SQUARE RECESS HEAD



- Attaches wood trim and base board to metal studs and track.
- **SIZES:** 1, 1-5/8, 2-1/4 and 3".

T-NUTS



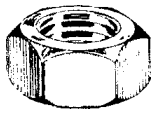
- Zinc chromate steel.
- Hammers into a predrilled hole in wood to create machine threads.
- **SIZES:** 3/16, 1/4, 5/12, 1/4-20, 5/16-18 & 3/8-16.

HEX MACHINE SCREW NUTS



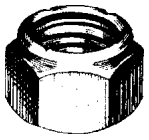
- **Finishes:** Zinc Plated, Brass and Stainless Steel.
- **SIZES:** 1/10, 1/8, 3/16, 1/4, 5/12, 5/16, & 1/2.

FINISHES HEX NUTS



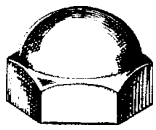
- **Finishes:** Zinc Plated and Stainless Steel.
- **Threads:** Zinc Plated in Coarse and Fine. Stainless Steel in Coarse.
- **SIZES:** 1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13, 9/16-12, 5/8-11, 3/4-10, 7/8-9 & 1-8 (coarse thread listed)

LOCKNUTS (Nylon Inserts)



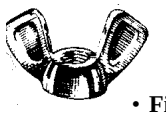
- **Finishes:** Zinc Plated
- **Threads:** Coarse and Fine. (Specify when ordering)
- **SIZES:** 1/10, 3/16, 1/4, 5/12, 5/16, 1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13, 9/16-12, 5/8-11, 3/4-10, 7/8-9 & 1-8 (1/4 and larger listed in coarse thread)

CAP NUTS (Acorn Nuts)



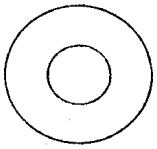
- **Finishes:** Zinc Plated. Some sizes in brass.
- **SIZES:** 3/16, 1/4, 5/12, 1/4-20, 5/16-18, 3/8-16, 1/2-13

WING NUTS



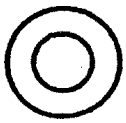
- **Finishes:** Zinc Plated.
- **SIZES:** 3/16, 1/4, 5/12, 5/16, 1/2, 1/4-20, 5/16-18, 3/8-16, 1/2-13

FLAT WASHERS



- Zinc plated. Some sizes available in stainless steel and brass.
- Size determined by bolt diameter.
- **SIZES:** 3/16, 1/4, 5/16,3/8, 7/16, 1/2, 9/16, 5/8, 3/4, 7/8, 1, 1-1/8, 1-1/4, 1-3/8, 1-1/2, 2"

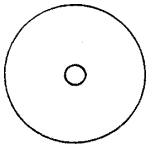
SAE WASHERS



- Zinc plated.
- Size determined by bolt diameter. Outside diameter is smaller than standard washer.
- **SIZES:** #4, #6, #8, #10, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4, 7/8, 1"

FENDER WASHERS

- Zinc plated.
- Size determined by bolt diameter. Outside diameter is larger than standard washer.
- **SIZES:**
  3/16" x 1
  1/4" x {1-1/4, 1-1/2"}
  5/16"' x {1-1/4, 1-1/2}
  3/8" x 1-1/2"
  1/2" x 2"



SPLIT LOCKWASHERS



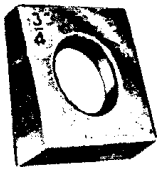
- Zinc plated.
- Size determined by bolt diameter.
- **SIZES:** #6, #8, #10, #12, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4, 1"

COUNTERSUNK FINISHING WASHER



- Finishes: Zinc and Brass
- This washer allows the bevel of flat head (countersunk) screws to sit flush without having to countersink into the material.
- **SIZES:** #4, #6, #8, #10, #12, 1/4"

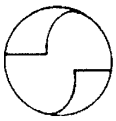
BEVEL WASHERS (Malleable Iron)



- Self-colored
- Bevelled 2" in 12"
- **SIZES:** 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"

FASTENERS

SECURITY SCREWS

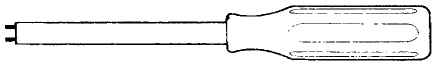


ONE-WAY



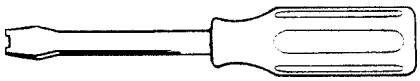
SPANNER

- For use in applications where tampering is prohibited. Bathroom partition fasteners are most generally security screws. Used in schools, churches, public access areas, etc.
- Some one-way sizes are presently in stock.
- Call for price and availability.



ONE-WAY SCREW REMOVING TOOL

- A handy tool for maintenance workers who must service areas with fixtures mounted with one-way screws.
- End has mounted solid carbide tips.
- **SIZES** (coincides with the size screw to be removed): 4-6-8, 10-12, & 14-16



SPANNER HEAD SCREWDRIVER

- Designed to instal and remove spanner screws.
- **SIZES**: #6, #8, #10, and 1/4" (coincides with size screw to be removed)



SKOTCH WOOD JOINERS

- Made of resin coated cadmium steel.
- **#0** - 3/8 x 1". Best in soft & semi-hard wood.
- **#2** - 1/2 x 1-1/16. Ideal for heavier work.
- **#3** - 1/2 x 1-1/8". Ideal for heavier work.



STAPLES

- Stocked in 1# boxes.
- **SIZES:** #5 (3/8") & #10 (1/2")



WIRE BRADS

- Stocked in 1# boxes.
- **SIZES:** Length x Gauge
  1/2" x {#18, #19, #20}
  5/8" x {#17, #18, #19}
  3/4" x {#16, #17, #18, #19}
  7/8" x {#17, #18}
  1" x {#16, #17, #18, #19}
  1-1/4" x {#16, #17, #18}
  1-1/2" x {#16, #17}



BLUED TACKS

- Stocked in 1# boxes.
- **SIZES:** #4 (7/16"), #6 (1/2"), #8 (9/16"), #10 (5/8"), #12 (11/16"), #14 (3/4") & #16 (13/16")



WIRE NAILS

- Stocked in 1# boxes.
- **SIZES:** Length x Gauge
  1/2" x {#18, #19, #20}
  5/8" x {#17, #18, #19}
  3/4" x {#16, #17, #18}
  7/8" x {#17, #18}
  1" x {#16, #17, #18}
  1-1/4" x {#16, #17, #18}



BILL POSTER TACKS

- Stocked in 1# boxes.
- **SIZES:** #6 (1/2"), & #8 (9/16")

NAILS

Note: Types and sizes in stock may vary according to our supplier's inventory.

SIZES	
3d - 1-1/4"	10d - 3"
4d - 1-1/2"	12d - 3-1/4"
5d - 1-3/4"	16d - 3-1/2"
6d - 2"	20d - 4"
7d - 2-1/4"	30d - 4-1/2"
8d - 2-1/2"	40d - 5"
	60d - 6"

BRIGHT COMMON



- Sizes: 6, 8, 10, 12, 16, 20, 30, 40 & 60

BRIGHT BOX



- Sizes: 4, 6, 7, 8, 10, 12, 16 & 20

FINISHING



- Sizes: 4, 6, 8, 10 & 16

CASING



- Sizes: 6, 8, 10 & 16

DUPLEX



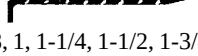
- Sizes: 6, 8 & 16

SPIRAL MASONARY



- Sizes: 1", 1-1/2", 1-3/4", 2", 2-1/2" & 3"

GALVANIZED ROOFING



- Sizes: 7/8, 1, 1-1/4, 1-1/2, 1-3/4, 2 & 2-1/2"

CEMENT COATED SINKERS



- Sizes: 6, 7, 8, 10 & 16

RING SHANK DRYWALL



- Sizes: 1-1/4"

POULTRY STAPLE

- Sizes: 3/4"



GALVANIZED COMMON



- Sizes: 6, 8 & 10

GALVANIZED BOX



- Sizes: 3, 4, 5, 6, 7, 8, 10, 16 & 20

GALVANIZED CASING



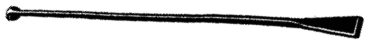
- Sizes: 6, 8, 10 & 16

GALVANIZED SIDING



- Sizes: 8 & 10

11-600 TAMPER BAR



- Heat Treated
- 1" x 69"
- Used for post hole digging and tamping.

11-601 PINCH POINT CROW BAR



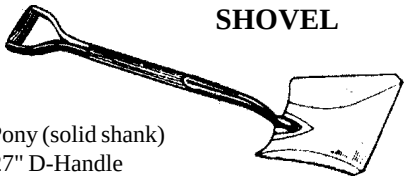
- Heat Treated
- 1-1/4" x 60"

11-602 WEDGE POINT CROW BAR



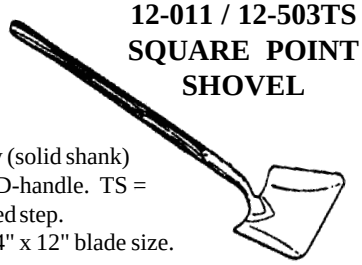
- Heat Treated
- 1-1/4" x 60"

12-009 SQUARE POINT SHOVEL



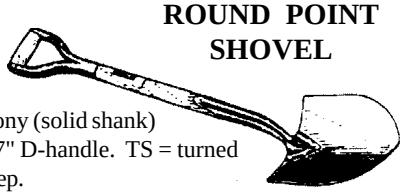
- Pony (solid shank)
- 27" D-Handle
- 9-3/4" x 12" blade size.

12-011 / 12-503TS SQUARE POINT SHOVEL



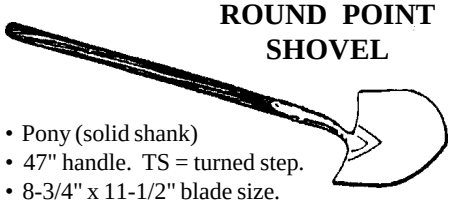
- Pony (solid shank)
- 47" D-handle. TS = turned step.
- 9-3/4" x 12" blade size.

12-013 / 12-015TS ROUND POINT SHOVEL



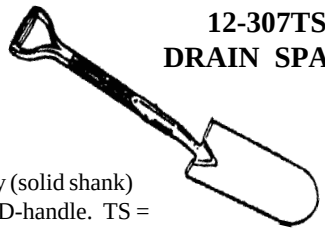
- Pony (solid shank)
- 27" D-handle. TS = turned step.
- 8-3/4" x 11-1/2" blade size.

12-017 / 12-019TS ROUND POINT SHOVEL



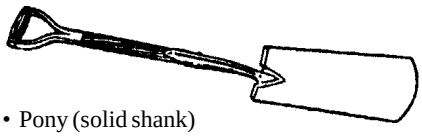
- Pony (solid shank)
- 47" handle. TS = turned step.
- 8-3/4" x 11-1/2" blade size.

12-307TS DRAIN SPADE



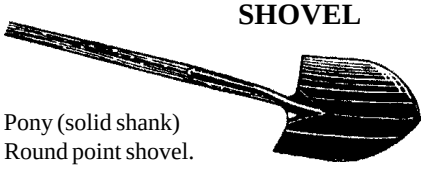
- Pony (solid shank)
- 27" D-handle. TS = turned step.
- 5-1/2" x 14" blade size.

12-340TS POST OR DITCH SPADE



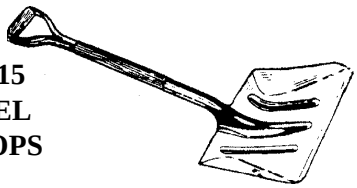
- Pony (solid shank)
- 27" D-handle. TS = turned step.
- 6-1/4" x 16" blade size.

IRRIGATING SHOVEL



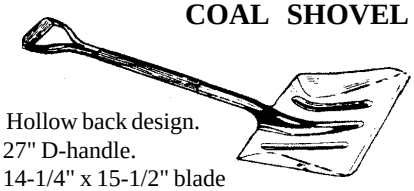
- Pony (solid shank)
- Round point shovel.
- 47" handle.
- **#12-582** - 7" x 9-1/2" blade size. Deep bowl.
- **#12-615** - 8-1/4" x 11-1/4" blade sise. Semi-flat bowl.

13-115 STEEL SCOOPS



- Hollow back design. Ribbed blade.
- 27" D-handle. TS = turned step.
- 13-1/2" x 14-1/2" blade size.

13-116 KNOXALL COAL SHOVEL



- Hollow back design.
- 27" D-handle.
- 14-1/4" x 15-1/2" blade size.

ALLUMINUM SCOOPS



- Grade 1. 27" D-handle
- **#16-710** - 14-3/4" x 18" blade.
- **#16-712** - 15-1/4" x 19" blade
- **#16-714** - 15-3/4" x 20" blade.

ALUMINUM SNOW PUSHER



- Non-stick surface.
- Steel wear strip.
- **#3002** - 12" x 18" blade
- **#3072** - 12" x 24" blade

STEEL SNOW PUSHERS

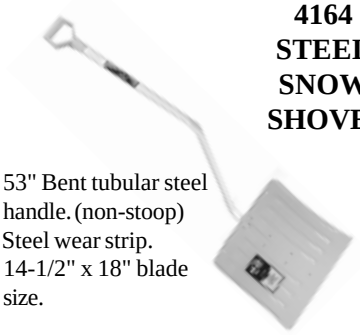


- 58" Wood handle.
- Non-stick finish.
- **#4003** - 12" x 18" blade size.
- **#4004** - 12" x 24" blade size.

4060 STEEL SNOW PUSHER



- 59-1/2" Wood handle.
- Non-stick finish.
- Heavy duty blade with brackets.



4164
STEEL
SNOW
SHOVEL

- 53" Bent tubular steel handle. (non-stoop)
- Steel wear strip.
- 14-1/2" x 18" blade size.



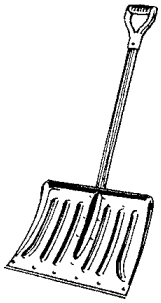
4017
STEEL
SNOW SHOVEL

- 46" Wood, D-handle.
- Promotional grade.
- 13-1/2" x 18" blade size.



3040
ALUMINUM
SNOW SHOVEL

- 59-1/2" Wood, D-handle.
- Steel wear strip. Non-stick surface.
- 14-1/2" x 18" blade size.



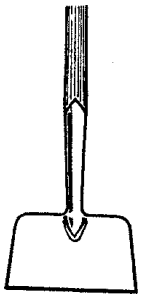
16-388
ALUMINUM
SNOW SHOVEL

- 50" Tubular steel, D-handle.
- Steel wear strip. Non-stick surface.
- 14-1/2" x 18" blade size.



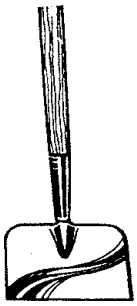
19-408
ICE CHISEL

- 48" Wood handle.
- Heavy duty forged steel construction.
- 3-1/4" x 6-1/4" blade size.



16-458
STEEL SCRAPER

- 48" Wood handle.
- **Heavy duty** solid shank.
- 8-1/2" x 6" blade size.



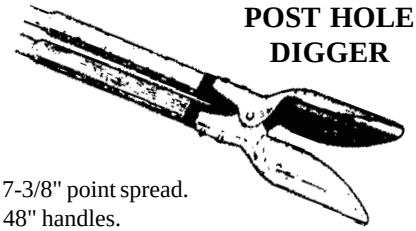
16-462
STEEL SCRAPER

- 48" Wood handle.
- **Light duty**
- 7" x 5" blade size.



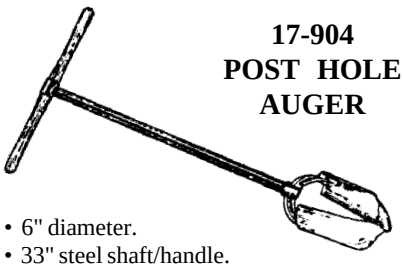
17-061
HEAVY
POST HOLE
DIGGER

- 6-1/4" point spread.
- 48" wood handles.



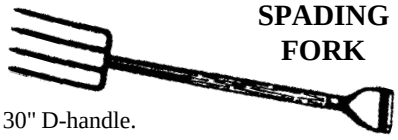
17-092
POST HOLE
DIGGER

- 7-3/8" point spread.
- 48" handles.



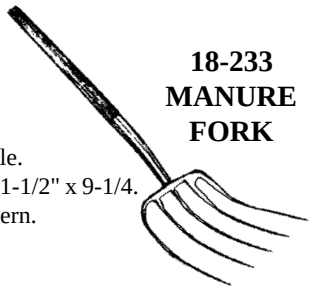
17-904
POST HOLE
AUGER

- 6" diameter.
- 33" steel shaft/handle.



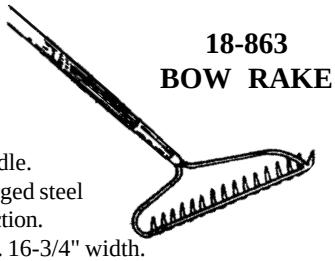
18-035
SPADING
FORK

- 30" D-handle.
- 4 tines. 10-3/4" x 7-1/4"
- 8" long ferrule.



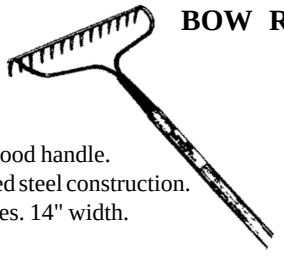
18-233
MANURE
FORK

- 54" handle.
- 5 tines. 11-1/2" x 9-1/4.
- Bent pattern.



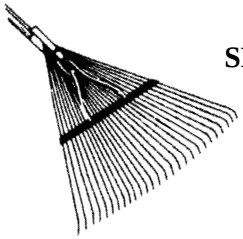
18-863
BOW RAKE

- 60" handle.
- 1 pc. forged steel construction.
- 16 tines. 16-3/4" width.



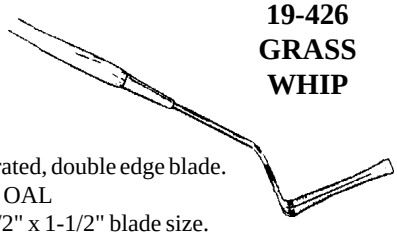
18-826
BOW RAKE

- 54" wood handle.
- Welded steel construction.
- 14 tines. 14" width.



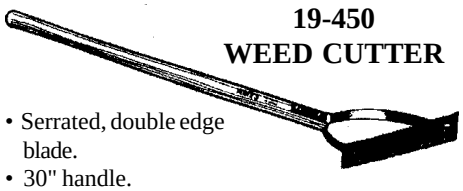
19-237 SPRING RAKE

- 54" handle.
- Braced
- 23-1/2" width.



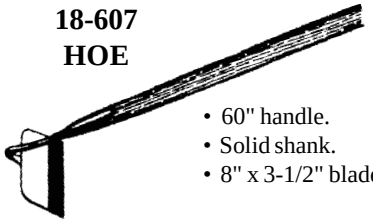
19-426 GRASS WHIP

- Serrated, double edge blade.
- 38" OAL
- 9-1/2" x 1-1/2" blade size.



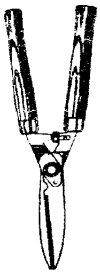
19-450 WEED CUTTER

- Serrated, double edge blade.
- 30" handle.



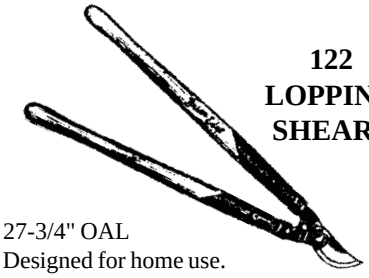
18-607 HOE

- 60" handle.
- Solid shank.
- 8" x 3-1/2" blade size.



9185 HEDGE SHEAR

- 10" blade size. Hollow ground cutlery steel.
- Serrated top blade for heavy growth.



122 LOPPING SHEARS

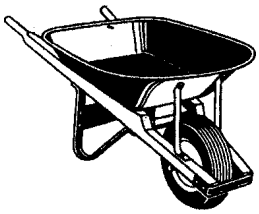
- 27-3/4" OAL
- Designed for home use.
- Hardened steel blade and hook.



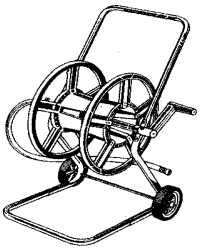
19T PRUNING SHEARS

- Anvil cutting action
- Teflon coated blade. Vinyl hand grips.
- 8" long.

WHEELBARROWS

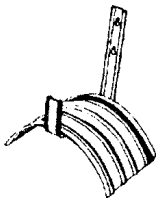


- **J6** - 6 cu. ft. capacity. Steel tray. Pneumatic Tire.
- **Jackson M6-T22** - 6 cu. ft. capacity. 16 ga. steel tray. Contractor grade.



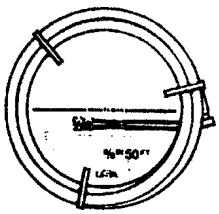
23-890 HOSE REEL CART

- Poly construction.
- Front loading.
- Capacity: 150' of 5/8" hose.



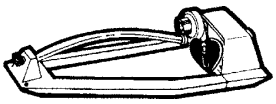
HOSE HANGER

- Wall mount.
- Ribbed steel construction.



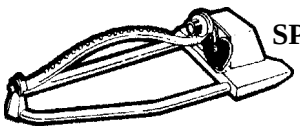
GARDEN HOSE

- **Reinforced Vinyl.** 5/8" x 50'. Solid brass couplings.
- **Premium Rubber.** 5/8" x 50'. Commercial grade with heavy duty octagonal brass couplings.



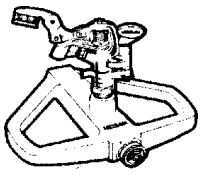
1015 SPRINKLER

- Oscillating, non-puddling action.
- Coverage control. (max 2,600 sq. ft.)
- 16 nozzles.
- High-impact plastic housing with aluminum spray tube.



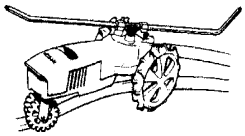
1050 SPRINKLER

- Oscillating, non-puddling action.
- Coverage control. (max 3,500 sq. ft.)
- 19 nozzles.
- High-impact plastic housing with aluminum spray tube.



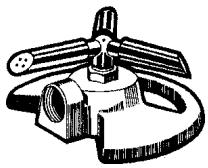
1230 PULSE SPRINKLER

- 90' max. coverage.
- Brass head.
- Full or part circle.
- Destance and density controls.



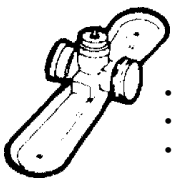
1860 RAIN TRAIN

- Traveling sprinkler
- 16,000 sq. ft. max coverage.
- Die-cast metal body with a 2 speed transmission.



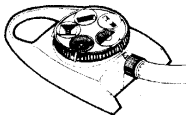
1945 CIRCLE PATTERN SPRINKER

- 35' max. diameter coverage.
- Plastic housing.
- Works well with high or low water pressure.



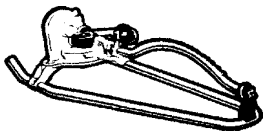
2130 SQUARE SPRAY

- 25' x 25' max. coverage
- Metal construction
- Adjustable spray. Can be used alone or in a series.



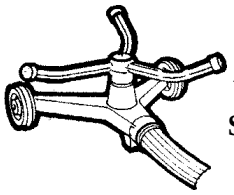
2150 DIAL 5 MULTI-PATTERN SPRINKLER

- 35' circle, 35' half-circle, 32' square, 15' x 40' rectangle & 6' x 60' strip.
- Impact-resistant housing.
- Fast, precise, gentle watering.



055A HEAVY DUTY SPRINKLER

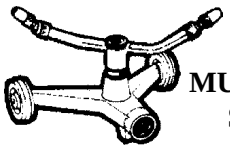
- Metal, non-puddling sprinkler.
- Coverage control. (max. 3,500 sq. ft.)
- Gold anodized aluminum tubes.
- High torque water motor.



54 WHIRLING SPRINKLER

- 45' x 45' max. coverage.
- Rustproof metal construction. Wheel base.
- Adjustable brass nozzles.

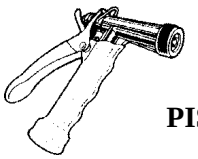
Arms can be locked & either nozzle shut off.



65 MULTI-PATTERN SPRINKLER

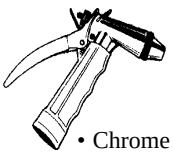
- 45' x 45' max. coverage.
- Rustproof metal construction. Wheel base.
- Adjustable brass nozzles.

Arms can be locked & either nozzle shut off.



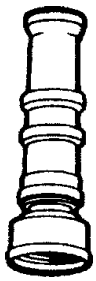
2227 INSULATED PISTOL NOZZLE

- Chrome plated, die-cast zinc body.
- Brass nozzle parts and selector knob.
- Adjustable spray. Threaded nozzle end.
- Metal handle.



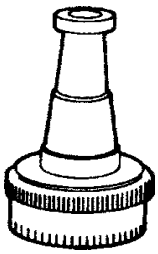
2237 INSULATED PISTOL NOZZLE

- Chrome plated, die-cast zinc body.
- Brass nozzle retains spray pattern until changed.
- Metal handle.



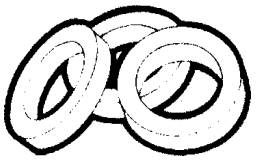
BRASS NOZZLES

- **#21** - 3-7/8". Heavy duty. Made from machined rod brass. Adjustable.
- **#24** - 3-1/4". Standard duty. Made from machined rod brass. Adjustable.



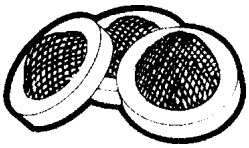
26 BRASS SWEEPER NOZZLE

- 2" long. Machined from rod brass.
- Straight-through non-adjustable design.
- Jet-force power spray.



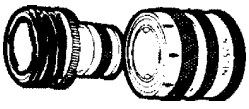
300 RUBBER HOSE WASHERS

- Resists hardening and cracking.
- 3/4" for most garden hose connections.
- 10 per bag.



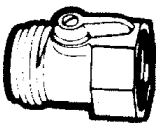
107 FILTER HOSE WASHERS

- Plastic construction with brass screen filter.
- Fits same fittings as regular washers.
- 3 per bag.



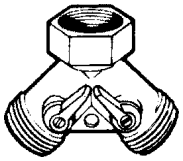
109 BRASS QUICK CONNECTOR

- Connect or disconnect hose instantly.
- Push-back collar, for lead proof connection.
- 2 pc. unit.



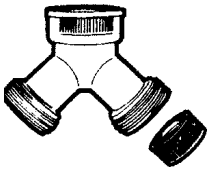
111 HOSE SHUT-OFF

- Die-cast zinc construction.
- Adjustable shut-off control.
- Use with cold water only.



78 2-HOSE ADAPTER

- Die-cast zinc construction.
- Use 2 hoses with 1 faucet.
- Individual shut-offs for each hose.
- For use with cold water only.



79 2-HOSE ADAPTOR W/CAP

- Chrome plated zinc alloy casting.
- Use 2 hoses with 1 facet.
- Individual shut-offs for each hose.
- For use with cold water only.



801 BRASS END CAP

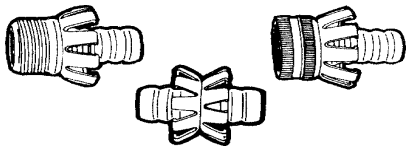
- All brass construction
- Fits all standard male hose threads.
- 1 per card.



95 GOOSENECK ADAPTER

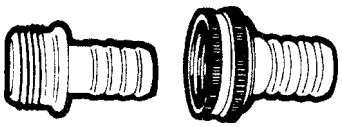
- Die-cast zinc construction
- For hard to reach hose connections.
- Swivel coupling.

CLINCH TYPE COUPLINGS



- Made from high quality sheet brass.
- Can be used on plastic or rubber hose.
- For 1/2", 5/8" or 3/4" hose.

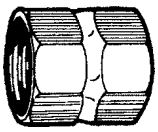
CORRUGATED COUPLINGS



- Made from high quality sheet brass.
- Can be used on plastic or rubber hose.
- For 1/2", 5/8" or 3/4" hose.

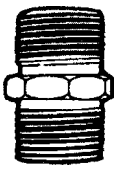
BRASS PIPE AND HOSE CONNECTORS

- Made from high quality rod brass.



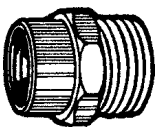
DOUBLE FEMALE

- **#4865** - 1/2 pipe to 3/4 hose.



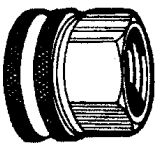
DOUBLE MALE

- **#4825** - 3/4 hose to 1/2 pipe.
- **#4827** - 3/4 hose to 3/4 pipe.
- **#4829** - 3/4 hose to 1/2 pipe (M) / 1/2pipe (F).
- **#4825** - 3/4 hose to 3/4 hose.



MALE TO FEMALE

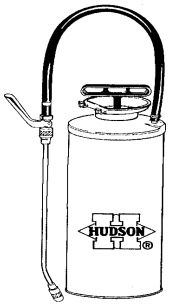
- **#4849** - 3/4 male hose to 3/4 female hose.



SWIVEL HOSE TO PIPE

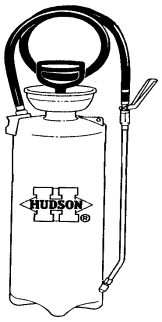
- **#4905** - 1/2 pipe to 3/4 hose.
- **#4907** - 3/4 pipe to 3/4 hose.

HUDSON SPRAYERS



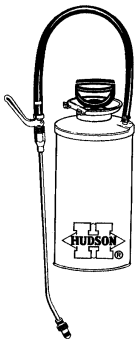
EDURALL EPOXY-COATED GALVANIZED STEEL SPRAYERS

- **#96302E** - 2.5 gal. cap.
- **#96303E** - 3 gal. cap.
- Poly funnel top.
- Brass spray wand and fan nozzle.
- Ideal for lighter duty spraying, pest control, etc.



CONSTRUCTO POLY SPRAYER

- **#90173** - 3 gal. capacity.
- Construction grade.
- Funnel Top.
- Brass flat fan nozzle.



CONSTRUCTO STEEL SPRAYER

- **#91063** - 3 gal. capacity.
- Galvanized/Epoxy lined (inside and outside).
- For construction use.
- Large poly funnel
- Brass pump



COMANDO POLY SPRAYER

- **#91982** - 2.5 gal. capacity.
- **#91983** - 3 gal. capacity.
- Ideal for asbestes removal applications and other light-duty spraying.
- High efficiency pump; big handle.
- Brass spray wand; fan nozzle.



PLANT SPRAYER

- **32oz capacity.**
- Adjustable nozzle.
- Calibrated for exact mixtures.



SHOO-FLY HORNET SPRAY

- 12oz can.
- Shoots 25 feet.
- Kills hornets, wasps, bees, yellow jackets, roaches, ants, spiders and earwings.



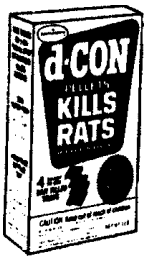
FLY SWATTER

- Screen blade and baked enameled wire handle. 22" OAL.



FLY RIBBON

- Effective fly catcher. Tack attached. Safe & sanitary.



D-CON RAT & MOUSE KILLER

- **#202** - (for rats) 1# box.
- **#51** - (for mice) 2oz pkg.
- **#101** - (for mice 4oz pkg.



RODENT TRAPS

- **M6** - Wood pedal **mouse** trap.
- **M201** - Wood pedal **rat** trap with heavy copper wire.



LINED LATEX GLOVES

- Large sizes
- Non-slip grip
- Protects hands from hot water or effects of general purpose cleaning solutions.



6133 ROADMASTER

- Grain cowhide in palomino color, gunncut with warm thermal lining.
- Large size.



4176J BLAZER

- Brushed suede cowhide in sage brush color, gunn cut with simulated shearing lining.
- Jumbo size.



6023 ROADMASTER

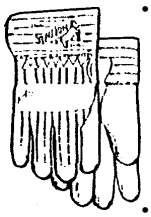
- Unlined leather glove. Grain cowhide in palomino color, gunn cut with a buckle and strap fastener.
- Large size.



4399 LEATHER PALM GLOVE

- Lined grain pigskin, with safety cuff.
- Large size.

1290 STALLION

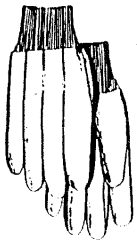


- Leather palm glove. Heavy select pearl grey side split gunn cut with an elastic strap, full leather index finger, knuckle strap, tips, pull and a rubberized waterproof safety cuff.
- Large size.



4090 LEATHER PALM GLOVE

- Good grade pearl split, clute cut with a blue knit wrist.
- Large size.



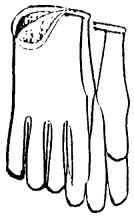
3874 BIG APE CHORE GLOVES

- Lined and quilted golden brown, fleece out, clute cut with a navy knit wrist.
- Jumbo size.



40210 TRUMP JERSEY GLOVES

- 9oz jersey cotton fabric in seal brown color, clute cut with a knit wrist.



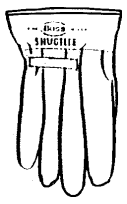
435 CUTLAS JERSEY GLOVES

- Casual slip on style polyester-cotton blended jersey, gunn cut with warm Vellux lining.



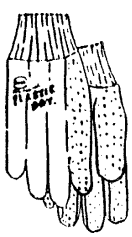
40010 HEAVY COTTON GLOVE

- 8oz canvas fabric, clute cut with a blue knit wrist.



699 SNUGTITE COTTON GLOVES

- 10oz canvas fabric, clute cut with an elastic strap and a band top cuff.



5501 PLASTIC DOT COTTON GLOVES

- 10oz canvas fabric with the "original" plastic dot palm, thumb and index finger, clute cut with a natural knit wrist.



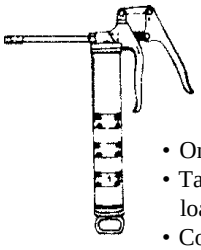
951 EVER DRY COATED GLOVE

- Soft and shiny black neoprene with a 12" gauntlet cuff that is long wearing and damage resistant which resists cuts, oil, sunlight, grease, chemicals, abrasions, acids and caustics.



931 EVER DRY COATED GLOVE

- Soft and shiny black neoprene with a knit wrist band that is long wearing and damage resistant. Resists cuts, oil, sunlight, grease, chemicals, abrasions, acids and caustics.



37001 PISTOL-MATIC GREASE GUN

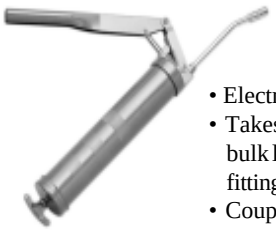
- One hand operation.
- Takes 14oz cartridges, bulk loading and loader fitting.
- Coupler has ball check.
- Zinc plated.



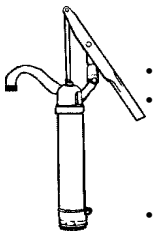
MIDGET ONE-HAND GREASE GUN

- Uses 3oz cartridges or can be bulk loaded.
- Zinc plated.

37012 LEVER ACTION GREASE GUN



- Electrostatic painted.
- Takes 14oz cartridges, bulk loading and loader fitting.
- Coupler has ball check.



37201
BARREL PUMP

- Heavy duty construction.
- Pumps lubricants, agricultural and industrial chemicals, additives anti-freeze, and other non-corrosive fluids.
- Fits drums with 2" bung opening.



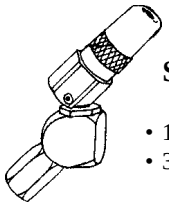
59003
5-1/2" CURVED EXTENSION

- 1/8" MPT both ends.
- Zinc plated.
- For hand operated grease guns.



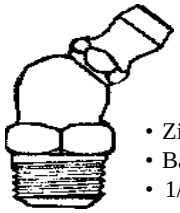
FLEX HOSE EXTENSION

- 1/8" MPT both ends.
- Zinc plated.
- For hand operated grease guns.
- Lengths: 12" & 18".



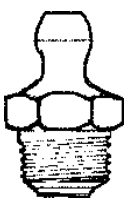
SWIVEL COUPLER

- 1/8" female pipe threads.
- 360 degree swivel.



45 Degree ANGLE ZIRK FITTINGS

- Zinc plated w/ clear coat.
- Ball check.
- 1/8 PT & 1/4 PT.



STRAIGHT ZIRK FITTINGS

- Zinc plated w/ clear coat.
- Ball check.
- 1/8 PT & 1/4 PT.



120
EXTRA HEAVY DUTY PUMP OILERS

- **#120A3** - 1 qt. 15" flex spout.
- **#120B3** - 1.5 pt. 12" flex spout.
- **#120C3** - 1 pt. 10" flex spout.
- Oiler is always primed for use.
- Replaceable parts.



120C
EXTRA HEAVY DUTY PUMP OILERS

- **#120C1** - 1pt. 7-1/2" rigid spout.
- Oiler is always primed for use.
- Replaceable parts.



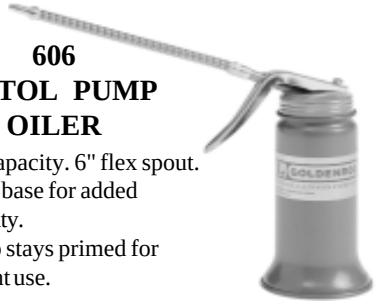
510
SPRING BOTTOM OILER

- 12oz capacity.
- 4-1/2" tapered spout.
- Double seamed steel bottom.

SPRAY TIP OILERS



- **#601** - 6 oz capacity. 5" straight spout.
- Use with low viscosity fluids.
- Adjusts from spray mist to stream.



606
PISTOL PUMP OILER

- 6oz capacity. 6" flex spout.
- Wide base for added stability.
- Pump stays primed for instant use.



625
PISTOL PUMP OILER

- 10oz capacity.
- 5" straight spout.
- Wide base for addded stability.



700
PUMP OILER

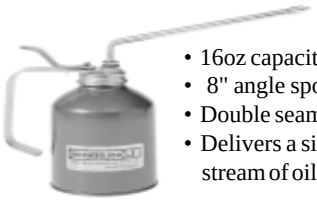
- 12oz capacity.
- 8" straight spout.
- Double seamed base.
- Delivers a single drop or a stream of oil.



707
PUMP OILER

- 12oz capacity.
- 8" flex spout.
- Double seamed base.
- Delivers a single drop or a stream of oil.

730
PUMP OILER



- 16oz capacity.
- 8" angle spout.
- Double seamed bases.
- Delivers a single drop or a stream of oil.

REPLACEMENT PARTS AND SPOUTS ARE AVAILABLE. LET US KNOW WHAT YOU NEED.



RUST-OLEUM

- 12oz aerosol cans.
- Premium quality.
- 1/2 pts, pts, qts and gals.
- Can be ordered for quick shipment.

PROTECTIVE COATINGS

Exclusive ingredients protect against moisture. More pain solids for greater coverage. Long-lasting formulas protect surfaces for years.

COLORS

Clear Sealer	Sand
Harbor Blue	Leather Brown
Royal Blue	Flat Black
Avocado	Satin Black
Hunter Green	Gloss Black
Lemon Yellow	Smoke Gray
Sunset Yellow	Flat White
Regal Red	Satin White
Burgundy	Gloss White

RUST-OLEUM PRIMERS

- Protection from rust-causing moisture.
- Chip and peel resistance.
- Long-lasting durable finish.
- 12oz aerosol spray can.
- **COLORS:** Light Gray Auto, Dusty Metal, Clean Metal.

RUST-OLEUM METALLIC FINISHES

- Gives surface a bright metallic finish, indoors or outdoors.
- Chip and peel resistance.
- Provides excellent rust prevention when used with the proper primer.
- 11oz aerosol spray can.
- **COLORS:** Gold, Copper & Aluminum

RUST-OLEUM IMPLEMENT PAINT



- For implements and machinery.
- 12oz aerosol can.
- **COLORS:**
  Ford Blue
  John Deere Green
  Caterpillar Yellow
  Allis-Chalmer Orange



RUST-OLEUM COLD GALVANIZING

- For fences, gutters & all galcavanized surfaces. Protects like galvanizing.
- 12oz aerosol can.
- **COLORS:** Zinc-Sele



RUST-OLEUM HEAT RESISTANT COATING

- For grills, stoves, etc. Resists heat up to 1,000 degrees F. Chip and peel resistant.
- 12oz aerosol can.
- **COLORS:** BBQ Black.

SPRAY-N-GO 10 MINUTE DRY ENAMEL



- Dries to a smooth, hard finish.
- Resists runs, drips and fading.
- Can be used on wood, metal and masonry.
- 12oz aerosol can.

COLORS:

Metallic Aluminum	Gloss Gray
Clear Acrylic	Gloss Green
Metallic Gold	Gloss Yellow
Gloss White	Flat Black
Gloss Black	Gloss White Lacquer
Gloss Red	Gloss Black Lacquer
Gloss Blue	Flat White
Gloss Brown	Gloss Orange

DERUSTO HIGH HEAT ENAMEL



- Withstands high temperatures (1000 degrees) without cracking or bubbling.
- 12oz aerosol can.
- **COLORS:** Aluminum

DERUSTO RUST PREVENTIVE ENAMEL w/BUILT-IN PRIMER



- Outstanding durability and corrosion resistance.
- One coat rust prevention.
- Can be used on wood, metal and masonry.
- 12oz aerosol can.

COLORS:

Semi-Gloss White	Aluminum
Gloss Yellow	Gloss White (OSHA)
Gloss Green	Flat Black
Gloss Brown	Gloss Black (OSHA)
Gloss Beige	Flat White
Gloss Dark Blue	Gloss Gray
Gloss Light Blue	Gloss Almond
Gloss Red	Gloss Golden Yellow

DERUSTO CLEAR PROTECTIVE ACRYLIC



- Fast-drying
- Seals out air, moisture, salt and other corrosive elements.
- Helps prevent tarnishing and pitting of metal surfaces.

DERUSTO METALLIC FINISH



- Creates a rich loking appearance on many metal and non-metal objects.
- **COLORS:** Copper, Brass, Silver, Bronze, Blue Chrome, Dark Chrome.

DERUSTO EPOXY HI-GLOSS ENAMEL



- Smooth glossy finish for appliances, outdoor furniture, office equipment and tools. Maintains a tough, mar reseistant finish.
- **COLORS:** Black, White & Almond.



DERUSTO FLUORESCENT ENAMEL

- A bold, highly visible and reflective finish.
- **COLORS:** Yellow, Red & Orange.



DERUSTO BARBEQUE & STOVE BLACK

- Resists heat up to 1,300 degrees.
- For metal, brick, masonry and similiar surfaces
- **COLORS:** VOC Black.



DERUSTO RUST PREVENTITIVE PRIMERS

- Provides an additional protectoin against rust. Exteneds life of finish coat. Works on wood.
- **COLORS:** Flat Black, Flay Gray & Flat Red.

POLYURETHANE WOOD FINISH



- Protection for floors, woodwork, furniture and paneling.
- **Quarts:** Gloss and Mirror finishes.

PAINT & VARNISH REMOVER



- Stocked in Zip-Strip and Strypeeze brands.
- ALWAYS read label directions before using.



MINERAL SPIRITS (Paint Thinner)

- 100% mineral spirits.
- **SIZES:** quarts, gallons (in plastic containers)

LACQUER THINNER

- For spray, dip or brush applications. Cleans equipment.
- **SIZES:** quarts & gallons

PURE GUM TURPENTINE

- Thins oil base paints, varnishes and enamels. Removes wax, oils and oily stains.
- **SIZES:** quarts & gallons

DENATURED ALCOHOL

- Use to thin shellac. Cleans glass, metal, leather, etc.
- **SIZES:** quarts & gallons



LATEX WINDOW GLAZING

- Smooth, easy-working compoud for glazing wood, metal and aluminum sash. Resists cracking, sagging and chalking.
- 10oz tube - White

'33' GLAZING COMPOUND



- For glazing wood and metal sash. Outlasts putty. Smooth and ready mixed. Weather resistant.
- Stocked in white. (can be ordered in gray)
- **SIZES:** pints, quarts, gallons

'1012' PROFESSIONAL GLAZING



- For face glazing metal sash.
- No painting required.
- Aluminum Gray.
- **SIZES:** quarts, gallons

GLAZIER'S POINTS



- Zinc coated steel points in shaker box.
- Push points in with a putty knife.

FAST-N-FINAL LIGHTWEIGHT SPACKLING



- For repairing walls, ceilings and woodwork, in one fill.
- Needs no sanding. Won't crack or shrink.
- White
- **SIZES:** quarts

VINYL SPACKLING



- Ready mixed compounde for easy interior patching of plaster, drywall and wood surfaces.
- White
- **SIZES:** quarts, gallons

LATEX WOOD DOUGH



- Repairs cracks, dents, scratches, nail holes and chips in any type of wood.
- Holds nails and screws without cracking or crumbling.
- **1/4 Pint Colors**: Natural, Oak, Pine and Walnut
- **Pint Colors**: Natural.

DURHAM'S WATER PUTTY



- You can saw, chisel, nail, polish , color and mould it.
- Adheres to wood, cement, plaster, tile, composition & stone.
- Mix with water. Hardens in approximately 30 seconds.
- **SIZES:** 1# & 4#

NAVAL JELLY



- Removes 47 times its own weight in rust.
- Coats metal with a thin rust inhibitor.
- Brush on, let stand, hose off with water.
- **SIZES:** 8oz bottle.

PAINT and SUNDRIES

PLASTER OF PARIS



- Use for making backgrounds, forms molds, patterns and figures.
- Sets in about 15 minutes.
- Asbestos free.
- **SIZES:** 1# & 4#

PATCHING PLASTER



- Patches and repairs cracks and voids in plaster surfaces.
- Asbestos Free.
- **SIZES:** 1# & 4#

PROFESSIONAL GRADE PUTTY KNIFE



- Ground mirror finish. Plastic handle.
- **#501** - 1-1/4" chisel ground.
- **#502** - 1-1/4" bent putty knife.

STIFF PUTTY KNIVES

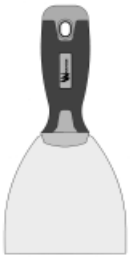


- Standard handles - Black and Red.
- **#90107** - 1-1/4" blade.
- **#90109** - 1-1/2" blade.
- **#90115** - 3" blade.



FLEXIBLE PUTTY KNIFES

- Standard handles - Black and blue.
- **#90106** - 1-1/4" blade.
- **#90108** - 1-1/2" blade.
- **#90114** - 3" blade.
- **#90123** - 3" blade - steel head.



FLEXIBLE, EXTRA LARGE HANDLED

- Grey and Blue handles.
- **#90176** - Large 4" blade with steel head.
- **#90178** - Large 6" blade with steel head.



FULL FLEX

- Standard handles - Black and Yellow.
- **#90133** - 3" blade.
- **#90135** - 4" blade.
- **#90137** - 6" blade.



STAINLESS STEEL KNIVES

- Light-duty, spring stainless steel for easy spreading and cleanup.
- Rust resistant.
- Handles are polypropylene to resist paint thinners and adhesive solvents.
- **#180** - 1-1/2" Stiff putty knife.
- **#182** - 1-1/2" Flexible putty knife.
- **#186** - 6" Flexible broad knife.



5 in 1 GLAZIER KNIFE

- **#90189** - Stiff blade. Standard handles are Black and Red.



TWO-EDGE PAINT SCRAPER

- Wood handle. Resharpenable blade.
- **#800** - 1" blade x 6" OAL
- **#801** - 1-3/4" blade x 10" OAL
- **#802** - 2-1/2" blade x 12" OAL



370 LINOLEUM KNIFE

- Economy grade. High carbon steel blade.
- Wood handle.
- Long point. 7-1/2" OAL



809 PIVOTING HEAD SCRAPER

- Wood handle. Resharpenable blades.
- 2-1/2" blade x 12" OAL
- Corrugated & smooth blade.



690 4" BIG BLADE SCRAPER

- Industrial-ground carbon steel blades.
- 4" blade with a 9" Steel handle.



741 2-EDGE PLASTIC HANDLE SCRAPERS

- Ideal for light duty, home projects and more.
- High-carbon steel blades are easy to replace and can be resharpened as needed.
- 2-1/2" scraper, 2-edge blade.

PAINT SCRAPER



- All metal construction. Vinyl grip.
- Resharpenable, 2 edge blade.
- **#821** - 1-3/4" blade x 10-1/2" OAL

5-GAL PAINT MIXER



- Heavy-duty mixing blades.
- Steel shaft. Spiral blades.
- **#341** - 23-1/2" Shaft fits 3/8" drill.

4" & 9" ROLLER COVERS



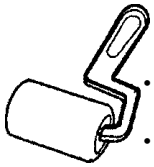
- **Very Rough** nap for latex/oil base flat paint. (1-1/4" nap)
- **Rough** nap (3/4" nap) for all flat paints.
- **Smooth** (3/16" nap) for all enamel paints.
- **Medium** nap (3/8" nap) for latex/oil flat paints.

GENERAL PURPOSE ROLLER COVERS



- 9" utility grade.
- 3/8" nap on treated cardboard core.
- For use with latex paint.
- 2-roller packs.

3" MINI PAINT ROLLER



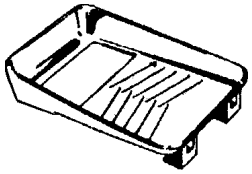
- Designed for small painting jobs and hard-to-reach places.
- Extra 3" roller covers are in stock.

4" & 9" ROLLER FRAMES



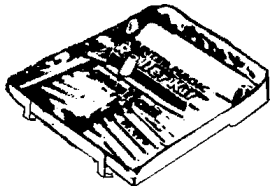
- 5 wire cage, plastic endcaps.
- 1/4" bright steel shank.
- Plastic threaded handle.

9" PAINT PANS



- **Metal** - rust resistant bright steel, ladder lock legs and ribbed bottom.
- **Plastic** - solvent resistant polypropylene with special mold design that spreads paint evenly onto cover.

9" ROLLER KIT



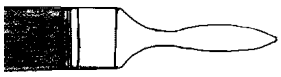
- Economy grade kit with 3/8" nap roller for latex paints. Comes with metal tray and 9" roller frame. Ladder lock legs.

EDGE TRIMMER



- Pad Size: 4-3/4" x 3-1/2"
- Woven synthetic fabric, plastic holder and guide wheels.
- Replacement pads are in stock.

PAINT BRUSHES



CHIP BRUSHES

- Promotional grade. 100% china bristle.
- Wood handle.
- **SIZES**: 1", 1-1/2", 2", 2-1/2", 3"

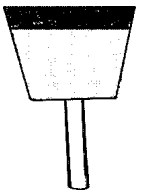
POLYESTER BRUSHES

- Promotional grade. 100% synthetic.
- Plastic handle.
- **SIZES**: 1-1/2", 2", 2-1/2", 3", 4"

BLACK CHINA BRISTLE

- 3" - for oils and urethanes.

POLY BRUSHES



- Poly foam brushes (throw-away grade)
- For smooth finishes.
- Applys enamel, latex, stain, oil paints and varnishes.
- NOT for laquer or shellac.
- **SIZES**: 1", 2", 3", 4"

PLASTIC SHEETING PRODUCTS



- 100' rolls - CLEAR
- **4 mil thick** - Widths: 4', 6', 8', 10', 12', 16', 20'
- **6 mil thick** - Widths: 4', 6', 8', 10', 12', 16', 20'
- **Packaged sizes (4 mil thick)**: 3' x 50', 10' x 25', 15' x 25', 20' x 25'

MASKING TAPE (industrial grade)



- Buy by the roll or by the carton.
- **SIZES (60 yd rolls)**: 3/4", 1", 1-1/2", 2", 3"

STRAPPING TAPE



- Firberglass reinforced. (60 yd. rolls)
- Meets postal and UPS requirements.
- **SIZES:** 3/4", 1"

PACKAGING TAPE



- Self-adhesive, clear plastic.
- Meets postal and UPS requirements.
- **SIZES:** 2" x 55 yds.



DUCT TAPE (cloth back)

- 2" X 60 yd. (Grey)
- Available in standard or premium duty grade.
- extra sticky adhesive.

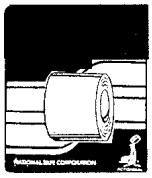


SAFETY TAPE

- READS " CAUTION"
- 3" X 300' countinuous roll.
- Yellow tape with black lettering.
- Non-adhesive.
- Polyethylene material.

CARPET TAPE

- 2" x 30' double coated plastic.
- Used for rugs, carpets and many other applications.



MOUNTING TAPE

- Used for mounting houstehold items to a wall or door.
- **SIZES:** 3/4" x 50" double coated foam.



SERIES 2022 FIBERGLASS STEP LADDERS

- Type 1A Extra heavy duty (yellow)
- 300lb Duty rating.
- Inside spreader braces.
- Reinforced back braces.
- Double gussetted bottom step
- Molded top with recessed tool tray.

ITEM#	Size (ft)	Bottom Width (in)	Apprx Spread (in)	Est. Wt (lb)
#202204	4	19-1/4	28-3/8	17
#202205	5	20-3/4	34-3/8	21
#202206	6	22-1/4	40-1/4	23
#202208	8	25-1/4	52-1/4	32
#202210	10	28-1/4	64-1/4	41
#202212	12	31-1/4	76-1/4	51



SERIES 2032 FIBERGLASS STEP LADDERS

- Type 1AA Special duty (Red)
- 375lb Duty rating.
- Armor plated legs.
- Gussetted back braces. Steel reinforced spreader connection.
- Heavy duty step attachment.
- Molded top with recessed tool tray.

ITEM#	Size (ft)	Bottom Width (in)	Apprx Spread (in)	Est. Wt (lb)
#203203	3	18	22-3/8	15
#203204	4	19-1/2	28-3/8	18
#203205	5	21	34-3/8	22
#203206	6	22-1/2	40-1/4	25
#203207	7	24	46-1/4	31
#203208	8	25-1/2	52-1/4	35
#203210	10	28-1/2	64-1/4	44
#203212	12	31-1/2	76-1/4	54



SERIES 2062 FIBERGLASS DOUBLE ENTRY STEP LADDERS

- Type 1A Extra heavy duty (yellow)
- 300lb duty rating.
- Heavy duty top hinge.
- Inside spreader braces.
- Molded wrap around boot.
- Heavy duty step attachment.
- Ladder can be used by two people at same time as long as weight does not exceed 300lbs per side.

ITEM#	Size (ft)	Bottom Width (in)	Apprx Spread (in)	Est. Wt (lb)
#206204	4	19-1/4	38-1/8	25
#206205	5	20-3/4	45-1/2	28
#206206	6	22-1/4	53	33
#206208	8	25-1/4	68	42
#206210	10	28-1/4	83	57
#206212	12	31-1/4	98	59



SERIES 6062 FIBERGLASS EXTENSION LADDERS

- Type 1A Extra Duty (Yellow)
- 300lb Duty rating.
- Cast aluminum rung lock.
- Direct rung connection.
- Full-length interlocking rails.
- Outside slide guides.
- Outside width:
  -Base: 17-3/4" Fly: 16"
- Inside width:
  -Base: 15-3/8"
  Fly: 13-5/8"

ITEM#	Size (ft)	Rung Width (in)	Apprx. Wt (lb)
#606216^	16	1-5/8	37
#606220	20	1-5/8	45
#606224	24	1-5/8	52
#606228	28	1-5/8	59
#606232	32	1-5/8	70
#606236*	36	1-5/8	79
#606240*	40	1-5/8	86

*Type 1 - 250lbs Duty Rating
^Rope and pulley not included.

****

Scaffold Planks are available as special orders.

Call for availabilty and pricing information.

****



LITTLE GIANT
TYPE 1A LADDER SYSTEMS

The heavy duty Little Giant type 1A ladder system replaces several sizes of conventional and telescoping stepladders. It may be adjusted to fit safely on stairs and other uneven surfaces. When used with the auxiliary spreader bar (work platform), two matching scaffolding trestles can be made. The system stores in only one-fourth of its fully extended height, comes complete with skid resistant feet, flared legs for improved stability, and a 5-year warranty.

Modal No.	Desc. Type 1A	Ext. Height	Stepladder Height	Scaffolding Height	Storage Height	Weight
10102	Model 17	9'0" to 15'0"	4'0" to 7'0"	4'0"	4'7"	35lbs
10103	Model 22	11'0" to 19'0"	5'0" to 9'0"	5'0"	5'7"	42lbs
10126	Model 26	13'0" to 23'0"	6'0" to 11'0"	6'0"	6'7"	54lbs

LITTLE GIANT LADDERS' ACCESSORIES



#10104
WORK PLATFORM

The Little Giant work platform attaches to any rung of the Little Giant Ladder. It has a 300 lb capacity, enabling a workman to stand erect and use both hands while on the ladder. It also serves as a tool platform for the ladder as an auxiliary spreader bar for the scaffold system.



#10111
WALL STANDOFF

The Little Giant wall standoff positions the ladder away from working surfaces to avoid interference from obstacles. It simplifies working around large overhangs and windows.



#10813
13' MEDIUM DUTY TELESCOPING PLANK

The Little Giant Telescoping Plank is a 13' plank which extends from 8'0" to 13'0". The plank has a width of 12-1/4" and weighs 42lbs.



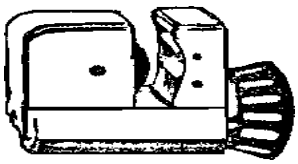
#10106
LEG LEVELER

The Little Giant Leg Leveler is a safe and sound solution to ladder work on uneven surfaces. The Leg Leveler easily attaches to either ladder rail and provides all the strength of the Little Giant Ladder itself.



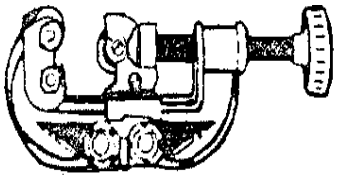
120
TUBING CUTTER

- Cast frame design with anti friction, flare groove rollers. Hardened steel reamer.
- **Capacity:** 1/8" - 1-1/8"



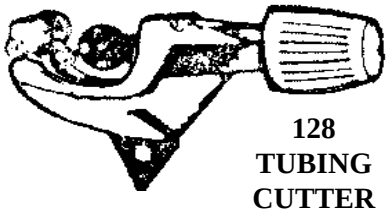
123
COMPACT CUTTER

- For use in hard-to-get-to spaces. 2 steel rollers.
- **Capacity:** 1/8" - 5/8"



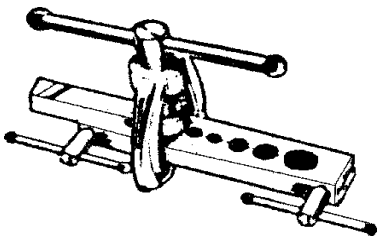
125
TUBING CUTTER

- Heavy duty, large capacity cutter. Cast frame. Designed for industrial use. Doule retractable reamers. Flare groover rollers.
- **Capacity:** 1/4" - 1-1/2"



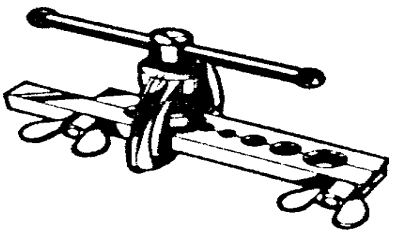
128
TUBING CUTTER

- Professional quality. Enclosed feed. Extra cutter wheel stored in knob. Hardened steel reamer.
- **Capacity:** 1/8" - 1-1/8"



150
ECONOMY
FLARING TOOL

- **Capacity:** 3/16" - 5/8" tubing.



155
STANDARD
FLARING TOOL

- **Capacity:** 3/16" - 5/8" tubing.
- Higher quality than Model 150, yet moderately priced.

STOPPING IN OUR OMAHA STORE?

CALL AHEAD WITH YOUR ORDER, WE WILL HAVE IT WAITING FOR YOU!

(402) 444-1650



CAST IRON
RIGID
PIPE WRENCH

- Heavy duty straight. Cast iron housing.
- **SIZES (length x pipe capacity):**

6" x 3/4"	14" x 2"
8" x 1"	18" x 2-1/2"
10" x 1-1/2"	24" x 3"
12" x 2"	



ALUMINUM
RIGID
PIPE WRENCH

- Heavy duty straight. Aluminum housing which is 40% lighter than cast iron.
- **SIZES (length x pipe capacity):**

14" x 2"
18" x 2-1/2"
24" x 3"
36" x 5"



PLUMBER'S
KIT
(lead free)

- Includes: Acid Paste Flux (1oz tube), Lead Free Solid Wire Solder (4oz roll) and brush.



TV / RADIO
SOLDER
(lead free)

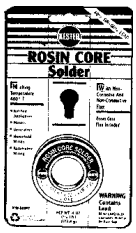
- For use with radios, televisions, stereos, printed circuite boards and other general electrical repairs.
- 464 degree (F) melting temperature.
- Available in 4oz roll or 1/2 oz coil.
- Product has non-corrosive and non-condutive flux.



4oz roll .5oz coil

ACID CORE SOLDER (lead free)

- Use for auto radiators, steel or copper, gutters and non-electrial repairs.



RESIN CORE SOLDER

- For use with kitchen appliances, motors, generators, household wiring and auto wiring.
- FWith non-corrosive and non-conductive flux.
- F460 degree (F) melting temperature.

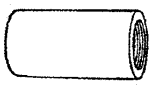


STAINLESS STEEL PIPE CLAMPS

SIZES:

(**Min.** Inside Dia. X **Max**. Inside Dia.)

SIZE#	Min Dia	Max Dia.
5	1/4"	5/8"
8	5/16"	7/8"
6HS	3/8"	7/8"
8HS	7/16"	1"
10HS	1/2"	1-1/8"
12HS	1/2"	1-1/4"
16HS	3/4"	1-1/2"
20HS	3/4"	1-3/4"
24HS	1"	2"
28HS	1-5/16"	2-1/2"
36HS	1-9/16"	2-1/2"
40HS	1-1/8"	3"



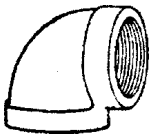
GALVANIZED PIPE COUPLINGS

- **SIZES:** 1/8, 1/4, 3/8, 1/2, 3/4, 1 & 1-1/4".



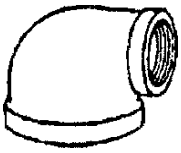
GALVANIZED REDUCING COUPLINGS

1/4 x 1/8	1 x 1/2
3/8 x 1/4	1 x 3/4
1/2 x 1/4	1-1/4 x 1/2
1/2 x 3/8	1-1/4 x 3/4
3/4 x 1/2	1-1/4 x 1



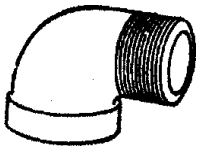
GALVANIZED 90 DEGREE ELBOWS

- **SIZES:** 1/8, 1/4, 3/8, 1/2, 3/4, 1 & 1-1/4".



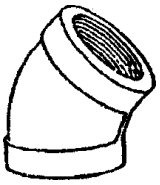
GALVANIZED 90 DEGREE REDUCING ELBOW

- **SIZES:** 1/2 x 3/8, 3/4 x 1/2, 1 x 3/4, 1-1/4 x 1 & 1-1/2 x 1.



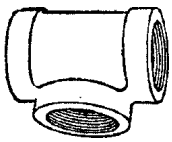
GALVANIZED 90 DEGREE STREET ELBOW

- **SIZES:** 1/8, 1/4, 3/8, 1/2, 3/4, 1 & 1-1/4".



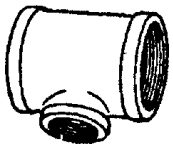
GALVANIZED 45 DEGREE PIPE ELBOWS

- **SIZES:** 1/8, 1/4, 3/8, 1/2, 3/4, 1 & 1-1/4".



GALVANIZED PIPE TEES

- **SIZES:** 1/8, 1/4, 3/8, 1/2, 3/4, 1 & 1-1/4".



GALVANIZED REDUCING TEES

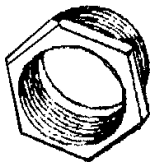
- **SIZES:**

1/2 x 1/2 x 3/4	3/4 x 1/2 x 1/2
3/4 x 3/4x 1/2	1 x 1 x 3/4
1x 1x 1/2	1 x 3/4 x 3/4



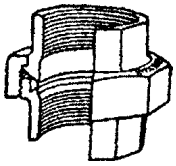
GALVANIZED PIPE NIPPLES

- **SIZES:** 1/8, 1/4, 3/8, 1/2, 3/4, 1 & 1-1/4".
- **LENGTHS:** Close, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 4-1/2, 5, 5-1/2 & 6".



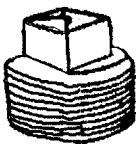
GALVANIZED HEX BUSHINGS

3/8 x 1/8	1 x 1/4
1/4 x 1/8	1 x 3/8
3/4 x 1/8	1 x 1/2
3/8 x 1/4	1 x 3/4
1/2 x 1/8	1-1/4 x 3/4
1/2 x 1/4	1-1/4 x 1
1/2 x 3/8	1-1/2 x 3/4
3/4 x 1/4	1-1/2 x 1
3/4 x 3/8	1-1/2 x 1-1/4
3/4 x 1/2	



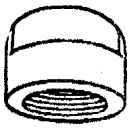
GALVANIZED UNIONS

- **SIZES:** 1/4, 3/8, 1/2, 3/4, 1 & 1-1/4".



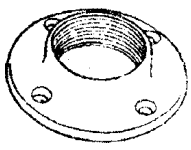
GALVANIZED PIPE PLUGS

- **SIZES:** 1/8, 1/4, 3/8, 1/2, 3/4, 1 & 1-1/4".



GALVANIZED PIPE CAPS

- **SIZES:** 1/8, 1/4, 3/8, 1/2, 3/4, 1 & 1-1/4".



BLACK CAST FLOOR FLANGE

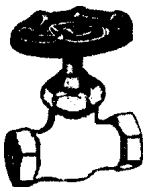
- **SIZES:** 1/4, 3/8, 1/2, 3/4, 1 & 1-1/4".

PLUMBING



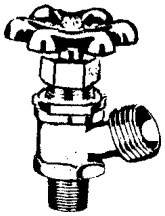
COMPRESSION ANGLE SILL COCK

- Brass constructin with rough brass finish. Wheel handle.
- **SIZES:** 1/2" & 3/4"



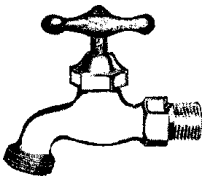
IP GATE VALVE

- Rough brass. Straight pattern with wheel handle.
- **SIZES:** 1/2"



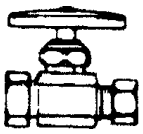
BOILER DRAINS

- **SIZES:** 1/2" & 3/4"



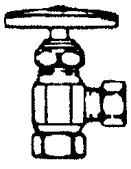
HOSE BIBB

- Rough brass construction. Threaded for iron pipe.
- **SIZES:** 3/4"



STRAIGHT WATER SUPPLY SHUT-OFF VALVE

- For connections to floor nipple.
- **SIZES:** 3/8" IPS x 3/8" nipple.
  1/2" IPS x 3/8" tube.



ANGLE WATER SUPPLY SHUT-OFF VALVE

- For connections to wall supply pipe.
- **SIZES:** 3/8" IPS x 3/8" tube.
  1/2" IPS x 3/8" tube.

CORRUGATED SUPPLY LINES



- For **SINKS:** 3/8" x 1/2"
- For **TOLIETS:** 3/8" x 1/2"



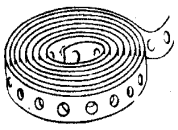
BEVELED FAUCET WASHER ASSORTMENT

- 7 beveled washers, 3 faucet screws. For hot and cold water.



COPPER REFRIGERATOR TUBING

- Seamless, flexible.
- 50' coils. Can be cut to a specific length.
- **SIZES:** 1/4, 5/16, 3/8 & 1/2"



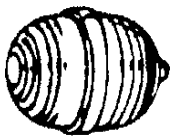
PERFORATED HANGER IRON

- 3/4" x 10' rolls.
- Zinc plated.



GALVANIZED PIPE STRAPS

- **SIZES:** 3/8" & 1/2"



TOILET TANK FLOATS

- High impact plastic.
- Non-corrosive.
- 4" x 5" Copper.

FLOAT ROD



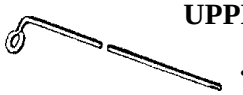
- 10". Solid brass.

LOWER LIFT ROD

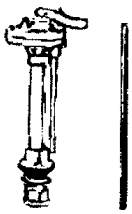


- 5" Solid Brass.

UPPER LIFT ROD

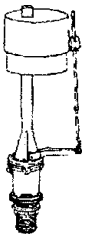


- 8-1/2" Solid Brass.



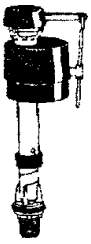
TOILET BALLCOCK

- 8-1/2" - Complete with refill tube, coupling nut and washers.
- Snap action shut off.



200A FLUIDMASTER BALLCOCK

- Fits all size toilet tanks. Eliminates rods, floats and noise of old style ballcocks.
- Operates wiht high or low pressure.



400A FLUIDMASTER BALLCOCK

- Same as 200A except with anti-siphon and adjustable height from 9-1/2" to 14".



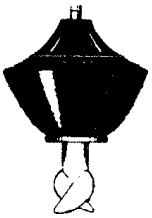
TOILET TANK BALL

- Fit-all tanke ball resists chemically treated water.
- Made of high grade rubber it fits inot the contour of most any flush valve set.



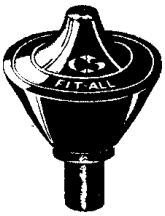
FLAPPER TANK BALL

- Design fits regular Douglas type flush valves.



PRO-PEL TOILET TANK BALL

- Propeller action prevents sticking lift wires, stops water waste and fits most all flush valves. Rubber resists chemically treated water.



WATER-MASTER TANK BALL

- Plumb bob action always drops to the center of the toilet valve, stopping water.



HARVEY'S NO-SEEP WAX BOWL RING

- #3 - Extra thick with gasket for most floor and wall models.
- #1 - For standard 3" & 4" lines. For floor closet bowls only. Comes with gasket.



FLUSH LEVER

- Single action, non-corrosive. Chrome plated handle.



SLIP JOINT WASHERS

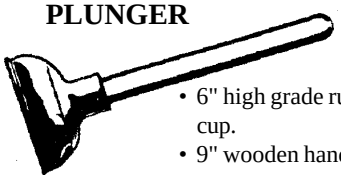
- High grade rubber.
- For 1-1/4" & 1-1/2" lines.



GRAPHITE TWIST PACKING

- High temperature resistant core. Use on all types of faucets, valves and pumps.
- 1/8" x 24" strand.

TOILET PLUNGER



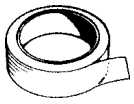
- 6" high grade rubber cup.
- 9" wooden handle.



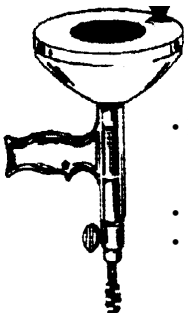
TOILAFLEX TOILET PLUNGER

- Accordian action cup compresses at any angle to get deep down into trap.
- Tapered tail gives air-tight fit.
- Double size cup doubles pressure aimed at obstruction.

THREAD SEAL TAPE



- Teflon tape that stops leaks on metal or plastic pipe. Leak-free joints on pipes for steam, acid, oils alkalies and solvents.
- Temperature range: -400 degrees F to + 600 degrees F.
- 1/2" x 260" roll.



DRUM AUGERS

- High tensile spring wire. Wire is self-storing. Steel Drum.
- 1/4" x 15' auger
- 1/4" x 25' auger.



DRAIN AUGERS

- Sprial gimlet head. Hi-tensile spring wire. Plated crank handle.
- 1/4" cable x 8', 15' or 25'

DRAIN KING

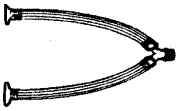


- Connect this tool to your garden hose, turn water on. It expands and locks itself in a pipe. Pressure forces water through surge valve to dislodge blockage.
- **#186** for 1-1/2" - 3" pipe.
- **#501** for 1" - 2" pipe.
- **#750** for Commercial duty.



WASHER HOSE

- 6' high pressure inlet hose. 800# burst strength. For hot or cold water. Standard hose couplings.



WATER-MIXER HIGH PRESSURE HOSE

- For use with basement showers, in laundry rooms and watering applications. 3/4" hose.
- Standard female fittings.



SANTEEN DRAIN OPENER

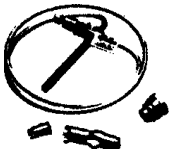
- Formulated to liquefy all organize substances such as grease, coffee grounds, hair, sanitary napkins and diapers found in clogged drains, traps, cesspools or septic tanks.
- Quarts.



SANTEEN TOILET BOWL CLEANER

- Formulated to free the rim holes, jets and trap of lime rust and scale.
- Works in humidfiers, water coils, water lines, pumps, pipes, valves, boilers and heaters.
- Flush throughly with clean water after use.
- Quarts.

THERMOCOUPLES with adapter fittings



- Sprial gimlet head. Hi-tensile spring wire. Plated crank handle.
- 1/4" cable x 8', 15' or 25'



JIG SAW

#BOS1587AVSK

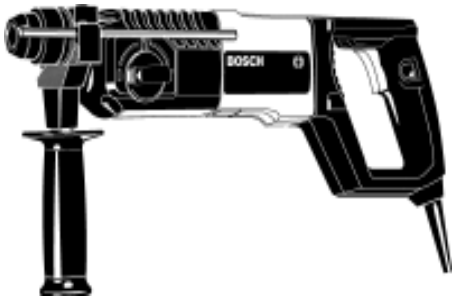
- 5.0 Amps
- 500-3,100 strokes per min. using 1" stroke length
- Four stage orbital blade action
- Weight is 5.5lbs net
- Includes: Three assorted blades, anti-splinteirng insert, Clic blade change, and carrying case.



HAMMER DRILL

#BOS1194AVSRK

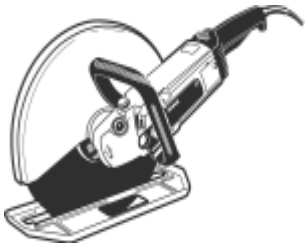
- 1/2" capacity with 8.5 amps.
- 0-1,000 / 0-2,600 RPM speed.
- 0-16,000 / 0-41,600 blows per minute.
- Net weight of 6 lbs.
- Includes: Side handle and depth gauge.



ROTARY HAMMER

#BOS11224VSR

- SDS with chipping mode
- 7/8" capacity with 6.9 amps.
- 0-1,100 rpm speed.
- 0-6,150 blows per minute.
- 17-1/2" length with a 6.5 net weight.
- Includes: 360 degree side handle, depth rod and case.



ELECTRIC CUT-OFF SAW

#BOS1364

- 15.0 amps with 4.7 hp
- 5,000 rpm speed.
- 12" wheel diameter.
- 3-7/8" depth of cut.
- 24.5 lbs net weight.
- Includes: Wrap-around side handle, wheel guard, adjustable footplate, locking nuts and wrenches.



ELECTRIC CUT-OFF SAW

#BOS1365

- 15.0 amps with 4.7 hp
- 4,300 rpm speed.
- 14" wheel diameter.
- 4-7/8" depth of cut.
- 27.0 lbs net weight.
- Includes: Wrap-around side handle, wheel guard, adjustable footplate, locking nuts and wrenches.



ROTARY HAMMER

#BOS11230EVS

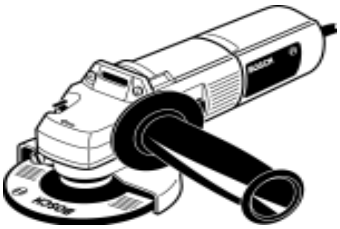
- SDS-Max
- 1-1/2" capacity with 8.8 amps.
- 180-360 rpm speed.
- 1,600 - 3,200 blows per minute.
- 17-1/2" length with a 14.2 lbs net weight.
- Includes: 360 degree side handle, depth gauge and case.



SMALL ANGLE GRINDER

#BOS1347A

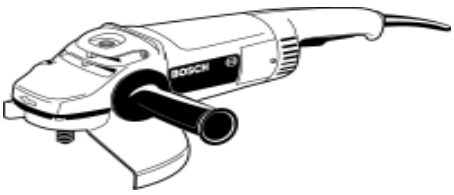
- 4-1/2" capacity with 6.0 amps.
- 11,000 rpm speed.
- 5/8" - 11 spindle thread.
- 9-3/4" length with a 4.6 lbs net weight.
- Includes: Guard, side handle, flange kit, spanner wrench and wheel for steel.



SMALL ANGLE GRINDER

#BOS1711A

- 5" capacity with 8.5 amps.
- 11,000 rpm speed.
- 5/8" - 11 spindle thread.
- 4.75 lbs net weight.
- Includes: Metal grinding wheel, quick relase guard, flange set, spanner wrench and side handle.



LARGE ANGLE GRINDER

#BOS1752G

- 9" capacity with 15.0 amps.
- 6,000 rpm speed.
- 5/8" - 11 spindle thread.
- 17-1/2" length with a 4.75 lb net weight.
- Includes: Auxilary handle and 9" guard.



JIG SAW

#DW321K

- 5.8 amps
- 500-3,100 strokes per minute.
- 1" stroke length.
- Keyless blade clamp
- Dust blower with on/off switch
- weighs 6.4 lbs.
- Includes: 360 degree side handle, depth rod and case.



CIRCULAR SAW

#DW364

- 15.0 amps
- 2,075W max watts out.
- 5,800 rpm no load speed.
- 50 degree bevel capacity.
- Weighs only 12.3 lbs.
- Has pivot rear , spindle lock and electric brake.
- Includes: 24T carbide tipped blade and blade wrench.



HEAVY-DUTY 6-1/2" 18V CORDLESS CIRCULAR SAW KIT

#DW939K

- 18-volt
- 0-3,700 rpm no load speed.
- 6-1/2" blade diameter
- 35 feet per minute
- 50 degree bevel capacity
- 1-5/8" deep cut at 45 degrees; 2-1/4" deep cut at 90 degrees.
- Tool weight is 8.4 lbs; Kit weight is 16lbs.
- Includes: 1 hour charger, 18V XR+ PACK™ battery pack, 16 tooth carbide saw blade, blade wrench, rip fence and heavy-duty kit box.



HEAVY-DUTY RECIPROCATING SAW KIT

#DW303K

- 7.6 amps
- 0-2,4000 strokes per minute with a 1-1/8" stroke length.
- Has a keyless blade clamp with a fixed shoe.
- 17.25" tool length and a tool weight of only 6.7 lbs.
- Includes: metal cutting blade and heavy-duty kit box.



ROTARY ORBIT SANDER

#DW420

- 2.0 amps at 12,000 orbits per minute.
- 3/32" orbit diameter
- 5" PSA paper size/type
- Dust sealed switch
- Requires a DW4382 Pad witha DW4389 Pad Break.
- Tool weight is 3.0 lbs.



4-1/2" GRINDER

#DW402

- 7.5 AC/DC amps
- 820W max out
- 10,000 rpm no load speed.
- Has spindle lock with a spindle thread of 5/8"-11.
- Tool weight is 4.5lbs
- Tool length is 10.33"



FIXED BASE ROUTER

#DW610

- 9.0 amps
- 1-1/2 horsepower
- 25,000 rpm speed
- 1/4" and 1/2" collets
- Weighs only 7.3 lbs.
- Includes: 1/4" and 1/2" collets and two wrenches.



3/8" ELECTRIC DRILL

#DW106K

- 3/8" keyless chuck
- 5.4 amps
- 0-2,500 rpm speed
- Reversible
- Single gear reduction
- Weighs only 3.3 lbs.
- Includes: Carrying case.



18V CORDLESS DRILL KIT

#DW987K-2

- 18-volt
- 1/2" capacity
- 400 watts out.
- 0-450/0-1,450/0-2,000 rpm speeds.
- 450 in-lbs maximum torque
- 10" tool length and weighs only 5.9lbs.
- Includes: Two batteries, charger, screwdriver bit, side handle and carrying case.



12V CORDLESS DRILL KIT

#DW983K-2

- 12-volt
- 1/2" capacity
- 350 watts out
- 0-450/0-1,400/0-1,800 rpm speeds.
- 10" tool length and weighs 5.2 lbs.
- Includes: Two battaries, charger, screwdriver bit and carrying case.



HAMMER DRILL

#DW505K

- 1/2" capacity
- 7.2 amps.
- 0-1,100/0-2,700 rpm speed
- 0-19,000/0-46,000 blows per minute
- Tool weight is 4.8lbs.
- Includes: Side handle, depth gauge and carrying case.



ROTARY HAMMER

#DW567K

- SDS with chipping mode.
- 1" capacity
- 6.9 amps
- 1-1,150 rpm speed
- 0-5,800 blows per minute.
- 17-1/2" tool length and weighs only 6.6 lbs.
- Includes: Side handle, depth rod and case.



15.6-VOLT CORDLESS DRILL & DRIVER KIT

#EY6431NQKW

- High capacity 3.0 Ah Ni-MH battery
- Lightweight: 4.4 lbs.
- High power: 390 in. lbs.
- Variable speed control/reversible
- 1/2" heavy-duty keyless chuck
- 18-stage clutch plus drill position using 2-speed gear box.
- Includes an extra battery pack as standard equipment. (45-minute battery recharge time)



12-VOLT CORDLESS DRILL & DRIVER KIT

#EY6407NQKW

- 15.0 amps
- Lightweight: 4.0 lbs.
- High power: 293 in. lbs.
- Variable speed control/reversible
- 1/2" heavy-duty keyless chuck
- 18-stage clutch plus drill position using 2-speed gear box.
- Electric brake
- Includes an extra battery pack as standard equipment. (45-minute battery recharge time)



15.6-VOLT CORDLESS HAMMER DRILL

#EY6931NQKW

- High capacity 3.0 Ah Ni-MH battery
- Compact Size: Length 9-5/16"
- Only 5.1 lbs.
- High performance as regular drill: Max torque 286 in. lbs.
- 1-3/8" max capacity with low speed.
- Extremely high speed masonry drilling: max. 2,000 rpm/30,000 bpm
- 1/2" heavy-duty positive lock keyless chuck.
- Includes an extra battery pack as standard equipment. (45-minute battery recharge time)



24-VOLT CORDLESS SDS® ROTARY HAMMER KIT

#EY6812NQKW

- High capacity 3.0 Ah Ni-MH battery
- Up to 75 holes on a single charge. (dia. 3/8" x 1-1/2")
- Dual function: rotary hammer or drill
- 0-950 rpm variable speed control/reversible.
- 3/4" SDS® chuck
- Convenient rotating side handle.
- Extra battery pack included as standard equipment.
- Weighs only 8.1 lbs and is 11-7/16" x 2-11/16" x 7-13/16"
- 0-4,600 blows rate per minute



15.6-VOLT METAL COMBO KIT

#EYC132

- **EY3530** Metal cutter (body & standard metal blade)
  - High capacity 3.0 Ah Ni-MH battery
  - 5-3/8" blade size, Arbor size 20mm
  - 3,100 rpm rotating speed
  - Weighs only 6.7 lbs
  - Cutting depth: Min. 1/8", Max. 1-13/16"
- **EY6431** Drill & Driver 15.6V (body)
- **EY0230** Charger for Ni-MH battery pack
- **EY-9230** High Capacity (3.0 Ah) Ni-MH battery pack.
- Carrying case for all.



BATTERY CHARGER

#EY0230B
Ni-MH Battery: 45min charge
(Ni-Cd Battery: 20-30min charge)

- Accepts Panasonic's 7.2V-15.6V Battery Packs.
- Equipped with a lamp system that indicates the status of the 6 charging functions at a glance.



Ni-MH Battery

#EY9230B
(Nickel-Metal Hydride Battery)

POWER TOOLS

REVOLUTION® Sprial™ Saw Power Tool & ZIP MATE® Attachment COMBO KIT



#101220
Kit Contents:

- Revolution® Sprial™ Saw Power Tool
- Zip Mate® Attachment
- 2 Sabrecut Zip Bits
- 1 each 1/8" & 1/4" collets
- 1 wrench for Zip Bit changes
- 1 Circle cutter
- 1 each 36 & 50 grit See-Thru Sanding Disc
- 1 120 grit See-Thru Polshing Disc
- 1 each Masonry and Metal Cut-off Wheel

REBEL® SPIRAL™ SAW POWER TOOL



#REBEL
Features:

- 2 speeds: 24,000 & 30,000 rpm
- 5 amp motor
- Adjusable airflow diverter
- Quick release handle
- Bump off switch
- 10' premium cord

STANDARD POINT BITS



#ZB10

The original Zip Bit, designed for slower, more controlled cuts in drywall.

- 1/8" Standard Point Zip Bit -- **10** bits per pack

SABRECUT™ ZIP® BITS



#ZBSC5

Roto Zip's most versatile Zip Bit cuts all types of wood, wood composities, fiberglass, solid suface materials, vinyl and aluminum siding, plastic and laminates.

- 1/8" Sabrecut Zip Bits -- **5** bits per pack

DURACUT™ ZIP® BITS



#RZ250

Carbide Zip Bit cuts cement-type boards, plaster lath and stucco.

- 1/4" Duracut Zip Bit -- **1** bit per pack

TILECUT™ ZIP® BITS



#RZ125

Carbide Zip Bit cuts ceramic tile, marble, cement board, and plaster. **Will not cut floor tile.**

- 1/8" Tilecut Zip Bit -- **1** bit per pack

GUIDEPOINT™ ZIP® BITS



#GP10

Cuts drywall with a guidepoint end that follows around, instead of cutting through an obstacle like an outlet box.

- 1/8" Guidepoint Zip Bits -- **10** bits per pack

WINDOW & DOOR ZIP®BITS



#ZBWD8

Heavy duty Zip Bit cuts window and door openings in drywall and foam board.

- 1/4" Window & Door Zip Bit -- **1** bit per pack

CHUCK ADAPTER KIT



#CHO1

Adapter kit allows the use of 1/8" Zip Bits in tools that normally accept 1/4" bits. The Chuck Adapter is not intended for necessary for use with any Roto Zip Spiral Saw power tool.

KIT INCLUDES:
Adapter, Hex Key,
1 Sabrecut Zip Bit and 1 Guidepoint Zip Bit.

FIBEROCK® ZIP®BITS



#FBR250

Carbide Zip Bit designed for use in Fiberock® Brand Abuse Resistant Panels.

- 1/4" Fiberock® Zip Bit -- **1** bit per pack

CIRCLE CUTTER ATTACHMENT

#CRCT1

Cut fast, clean circles from 3.5" to 12" dia. Works with Sprial Saw power tools: RTM01, SCS01, SCS02, Rebel and Revolution.

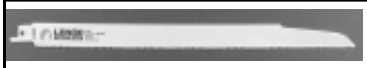
1/4" COLLET REPLACMENT

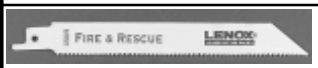
#CT250

Replacement item for Roto Zip Sprial Saw power tools and Zip Mate Attachement.

RECIPROCATING SAW BLADES

- Bi-metal construction with precision milled teeth.
- Matrix II type alloy high speed steel cutting edge.
- Cuts tough materials even nail-embedded wood.
- Shatter resistant with shock-resistant teeth.

Part#	Pkg Qty	Lgth	Teeth /in	Recommended Use:
 656R	5	6"	6	Rough work in wood, fast cutting, remodeling and demolition.
 156R	5	12"	6	Rough work in wood, fast cutting, remodeling and demolition.
 956R	5	9"	6	Rough work in wood, fast cutting, remodeling and demolition.
 676RC	5	6"	6	Wood contours.
 606R	5	6"	6	Wood, all composition material.
 634R	5	6"	4	Nail free woods, fast cutting.
 610R	5	6"	10	Wood compositions, plastic, cast alluminum and non-ferrous metals.
 810R	5	8"	10	Wood compositions, plastic, cast alluminum and non-ferrous metals.
 314RC	5	3"	14	Irregular contours, wood, compositions and metal over 1/2".
 110R	5	12"	10/14	All woods, plastic, cast aluminum and light non-ferrous metal, stainless steel.
 414R	5	4"	14	Heavy gauge metal 1/8" - 1/2", hard rubber, fiberglass and angle iron.
 614R	5	6"	14	Heavy gauge metal 1/8" - 1/2", hard rubber, fiberglass and angle iron.
 418R	5	4"	18	Heavy gauge metal 1/8" - 1/4", conduit and tubing, opening wood crates, removing wood siding or shingles.

Part#	Pkg Qty	Lgth	Teeth /in	Recommended Use:
 618R	5	6"	18	Heavy gauge metal 1/8" - 1/4", conduit and tubing, opening wood crates, removing wood siding or shingles.
 818R	5	8"	18	
 318RC	5	3"	18	Contours - metals under 1/8"
 424R	5	4"	24	Metal and galvanized pipe 18 ga and under.
 624R	5	6"	24	Metal and galvanized pipe 18 ga and under.
 636RP	5	6"	6	Plaster, plaster board.
 800RG	2	8"	Med Carbide Grit	Hard-to-cut abrasive materials, fiberglass, ceramic tiles, cast iron pipes.
 966R	2	9"	6	Rough work in wood, straight cutting **demolition** and rescue work.
 960R	2	9"	10	Heavy gauge metal 1/4" and above, straight cutting, **demolition** and rescue.
 650R	2	6"	10/14	Wood and heavy gauge metal 1/2" and above.
 6510R	2	6"	10	Heavy gauge metal 1/8" - 1/2", situations including rescue operations.
 6514	2	6"	14	Heavy gauge metal 1/4" - 1/2".
 6518R	2	6"	18	Heavy gauge metal 1/8" - 1/4"

JIG SAW BLADES

BAYONET STYLE BI-METAL BLADES



Part#	OAL	Teeth /in	Application
BT336B	3"	6	Wood, fast cut, rough cut.
BT330B	3"	10	Wood, nail embedded.
BT334B	3"	14	Metal over 1/4" thick.
BT338B	3"	18	Metal over 1/8" thick. General Purpose.
BT138B	1-3/4"	18	Metal over 1/8" thick. General Purpose.

T-SHANK BI-METAL BLADES



Part#	OAL	Teeth /in	Application
BT686S	6"	6	Fast, rough cutting in wood, compostions.
BT410S	4-1/2"	10	Woods, steel and soft metals.
BT456S	4-1/2"	6	Fast, clean cuts in wood, plastic, composition.
BT450SR	4"	10	Chip-free down cutting in formica, laminate, plastic.
BT314S	3"	14	Cutting in steels and non-ferrous metal.
BT318S	3"	18	Stainless, structural steel , non-ferrous metal.
BT518S	5-1/4"	18	Stainless, structural steel, non-ferrous metal.
BT424S	4"	24	For use on cordless saws.
GT300S	3"	Med Carb Grit	Cast iron, fiberglass, ceramic tile, plaster.

UNIVERSAL STYLE BLADES

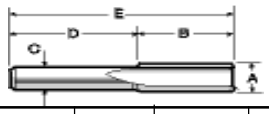


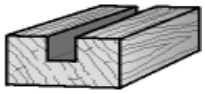
Part#	OAL	Teeth /in	Application
BT486J	4-1/2"	6	Fast, rough cuts in wood, compositions.
BT686J	6"	6	Fast, rough cuts in wood, compositions.
BT480J	4-1/2"	10	Nail-embedded wood, steel, soft metals.
BT456J	4-1/2"	6	Fast, cuts in wood, plastic, compositions.
BT416JC	4"	6	Contour cuts in wood, plastic, compositions.
BT450J	4"	10	Fast, cuts in wood, plastic, compositions.
BT450JR	4"	10	Chip-free down cutting in formica, laminates.
BT320JC	3"	20	Fine cuts in wood, veneer, laminates, plastic.
BT340JV	3-1/2"	10/14	Wood, plastic, steels, non-ferrous metals.
BT318JC	3"	19	Contour cuts in steel and soft metals.
BT314J	3"	14	Steels and non-ferrous metals.
BT318J	3"	18	Stainless steel, structural steel.
BT518J	5-1/4"	18	Non-ferrous metals.
BT324J	3"	24	Stainless steel, sheet metal, non-ferrous metal.
BT424J	4"	24	For use with cordless saws.
GT300J	3"	Med Carb Grit	Cast iron, fiberglass, ceramic tile, plaster.

STRAIGHT BITS

Two Flutes Plunge Cutting Solid Carbide

Designed to give excellent smoothness of cut and balanced cutting with minimum vibration. Positive hook angles for efficient cutting. Strong webbing and heavy cutter backing give superior bit life. Specially designed tip for fast plunge cutting.

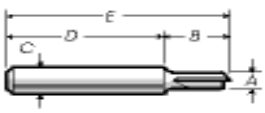


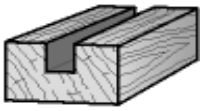


Part #	A Cut Dia.	B Flute Lgth	C Shank Dia.	D Shank Lgth	E OAL
85213M	1/8"	3/8"	1/4"	1"	1-9/16"
85214M	3/16"	13/32"	1/4"	15/16"	1-5/8"
85617M	1/4"	7/8"	1/4"	7/8"	2-1/4"

Single Flute Plunge Cutting Carbide Tipped

Designed for roughing operations where high production feed rates are essential. Optimum chip clearance. Specially designed tip for fast plunge cutting.

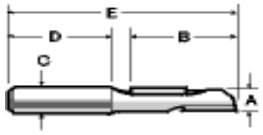


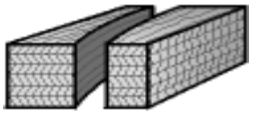


Part #	A Cut Dia.	B Flute Lgth	C Shank Dia.	D Shank Lgth	E OAL
85279M	3/16"	1/2"	1/4"	1"	1-5/8"
85410M	1/4"	1"	1/4"	1-3/8"	2-1/2"
85411M	5/16"	7/8"	1/4"	1-1/4"	2-17/64"
85409M	3/8"	1-1/4"	1/2"	1-7/8"	3-1/8"
85425M	1/2"	1"	1/2"	1-1/4"	2-7/16"
85426M	1/2"	1-1/4"	1/2"	2-3/8"	3-13/64"
85264M	1/2"	2"	1/2"	2"	4"

Staggertooth Bits Plunge Cutting Carbide Tipped

The production bit for cutouts. Staggered, cutting flutes gives 2-flute balance of cut with single-flute speed of cut and excellent chip clearance. Specially designed tip for fast plunge cutting.

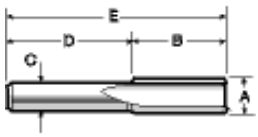


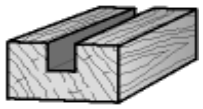


Part #	A Cut Dia.	B Flute Lgth	C Shank Dia.	D Shank Lgth	E OAL
85202M	1/2"	1-1/2"	1/2"	1-1/2"	3-1/4"
85278M	1/2"	2-5/16"	1/2"	1-3/4"	4-1/4"
85291M	3/8"	1-5/16"	3/8"	1-7/16"	2-15/16"
85292M	5/8"	2-1/4"	1/2"	2-1/4"	4-3/4"

Two Flutes Plunge Cutting Carbide Tipped

Designed to give excellent smoothness of cut and balanced cutting with minimum vibration. Positive hook angles for efficient cutting. Strong webbing and heavy cutter backing give superior bit life. Specially designed tip for fast plunge cutting.

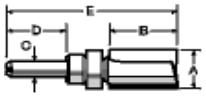


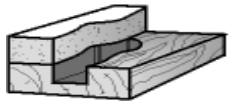


Part #	A Cut Dia.	B Flute Lgth	C Shank Dia.	D Shank Lgth	E OAL
85279M	3/16"	1/2"	1/4"	1"	1-5/8"
85410M	1/4"	1"	1/4"	1-3/8"	2-1/2"
85411M	5/16"	7/8"	1/4"	1-1/4"	2-17/64"
85409M	3/8"	1-1/4"	1/2"	1-7/8"	3-1/8"
85425M	1/2"	1"	1/2"	1-1/4"	2-7/16"
85426M	1/2"	1-1/4"	1/2"	2-3/8"	3-13/64"
85264M	1/2"	2"	1/2"	2"	4"
85279M	3/16"	1/2"	1/4"	1"	1-5/8"
85410M	1/4"	1"	1/4"	1-3/8"	2-1/2"
85411M	5/16"	7/8"	1/4"	1-1/4"	2-17/64"
85409M	3/8"	1-1/4"	1/2"	1-7/8"	3-1/8"
85425M	1/2"	1"	1/2"	1-1/4"	2-7/16"
85426M	1/2"	1-1/4"	1/2"	2-3/8"	3-13/64"
85264M	1/2"	2"	1/2"	2"	4"
85279M	3/16"	1/2"	1/4"	1"	1-5/8"
85410M	1/4"	1"	1/4"	1-3/8"	2-1/2"
85411M	5/16"	7/8"	1/4"	1-1/4"	2-17/64"
85409M	3/8"	1-1/4"	1/2"	1-7/8"	3-1/8"
85425M	1/2"	1"	1/2"	1-1/4"	2-7/16"
85426M	1/2"	1-1/4"	1/2"	2-3/8"	3-13/64"
85264M	1/2"	2"	1/2"	2"	4"

Two Flutes Top Bearing Mounted Carbide Tipped

For use when lettering, plunge cutting,grooving and templet cutting from above and below workpiece.





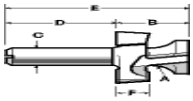
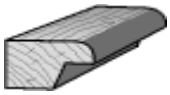
Part #	A Cut Dia.	B Flute Lgth	C Shank Dia.	D Shank Lgth	E OAL
85680M	1/2"	1"	1/4"	7/8"	2-1/2"
85681M	5/8"	1"	1/4"	7/8"	2-1/2"
85682M	3/4"	1"	1/4"	3/4"	2-1/2"

POWER TOOL ACCESSORIES

EDGE FORMING BITS

Doorlip Bit Carbide Tipped

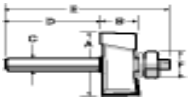
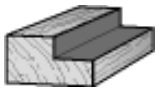
One-piece construction. Achieve a popular shaper-quality doorlip cut with a router.

Part #	Rabbet Width	A Radius	B Flute Lgth	C Shank Dia.	D Shank Lgth	E OAL	F Rabbet Depth
85603M	3/8"	7/16"	1-3/32"	1/2"	1-5/8"	2-3/4"	7/16"

Rabbeting Bits Two Flutes, Ball Bearing Pilot, Carbide Tipped

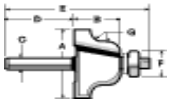
For fast smooth rabbeting cuts without use of router guide.

Part #	Rabbet Width	A Overall Dia.	B Cutter Lgth	C Shank Dia.	D Shank Lgth	E OAL	F Brng Dia.
85218M	3/8"	1-1/4"	1/2"	1/4"	1-1/4"	2-1/8"	1/2"
85590M	3/8"	1-1/4"	1/2"	1/2"	1-1/2"	2-5/16"	1/2"
85614M	1/2"	1-1/2"	1/2"	1/4"	1-1/4"	2-1/8"	1/2"
85615M	1/2"	1-1/2"	1/2"	1/2"	1-7/16"	2-3/8"	1/2"

Roman Ogee Bits Two Flutes, Ball Bearing Pilot Carbide Tipped

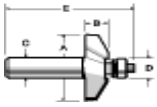
For decorative edgeing and period furniture.



Part #	A Overall Dia.	B Flute Lgth	C Shank Dia.	D Shank Lgth	E OAL	F Brng Dia.	G Radius
85270M	1-1/8"	1/2"	1/4"	1-1/4"	2-1/8"	1/2"	5/32"
85591M	1-1/8"	1/2"	1/2"	1-1/4"	2-7/16"	1/2"	5/32"
85271M	1-1/2"	1/2"	1/4"	1-1/4"	2-3/8"	1/2"	1/4"
85592M	1-1/2"	1/2"	1/2"	1-1/4"	2-11/16"	1/2"	1/4"

Raised panel Bit Ball Bearing Pilot Carbide Tipped

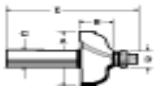
Clean, simple lines accentuate an attractive surface.




Part #	A Overall Dia.	B Flute Lgth	C Shank Dia.	D Brng Dia.	E OAL
85583M	1-5/8"	7/16"	1/2"	1/2"	2-7/16"

Ogee Bits with Fillet Bits Ball Bearing Pilot Carbide Tipped

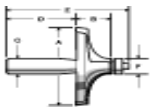
One bit produces 3 different cuts. Graceful lines of the ogee cut can be attractively accented by one or two fillets by lowering depth setting or using 3/8" dia bearing, part no. 3 600 900 501.




Part #	A Overall Dia.	B Flute Lgth	C Shank Lgth	D Bearing Dia.	E Overall Lgth
85584M	1-3/8"	9/16"	1/4"	1/2"	2-1/8"
85585M	1-3/8"	9/16"	1/2"	1/2"	2-1/2"
85586M	1-5/8"	11/16"	1/2"	1/2"	2-11/16"

Table Edge Bit Carbide Tipped

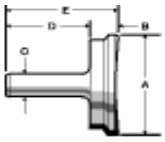
Decorative curves enhance tables.




Part #	A Overall Dia.	B Flute Lgth	C Shank Dia	D Shank Lgth	E Overall Lgth	F Pilot Dia
84515M	2-1/2"	3/4"	1/2"	1-1/2"	2-9/16"	1/2"

Drawer Lock Joint Bit Carbide Tipped

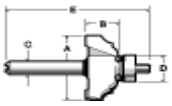
Designed for the construction of durable joints, any drawer application.




Part #	A Overall Dia.	B Flute Lgth	C Shank Dia	D Shank Lgth	E Overall Lgth
84512M	2"	1-5/8"	1/2"	1-1/2"	2"

Classical Bits Ball Bearing Pilot Carbide Tipped

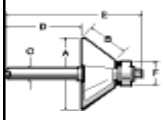
Adds classic beauty to your product with beautiful decorative edging.




Part #	A Overall Dia.	B Flute Lgth	C Shank Lgth	D Bearing Dia.	E Overall Lgth
85579M	1-1/4"	1/2"	1/4"	1/2"	2-1/4"
85580M	1-1/4"	1/2"	1/2"	1/2"	2-7/16"
85581M	1-1/2"	5/8"	1/4"	1/2"	2-1/4"
85582M	1-1/2"	5/8"	1/2"	1/2"	2-11/16"

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TOLL FREE 1-800-238-4566
Omaha Phone 1-402-444-1650 / FAX 1-800-538-4566

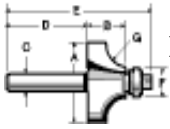
EDGE FORMING BITS



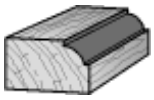
Chamfering Bits Two Flutes, Ball Bearing Pilot, Carbide Tipped

For beveling and decorative edging.

Part #	Bevel	A Overall Dia.	B Flute Lgth	C Shank Dia.	D Shank Lgth	E Overall Lgth	F Brng Dia.
85298M	45°	1-1/2"	11/16"	1/4"	1-1/4"	2-3/16"	1/2"
85299M	22.5°	1-1/4"	7/8"	1/2"	1-1/2"	2-3/4"	1/2"
85593M	45°	2-9/16"	1-1/2"	1/2"	1-1/2"	2-15/16"	1/2"
85597M	45°	1-1/2"	11/16"	1/2"	1-1/4"	2-7/16"	1/2"

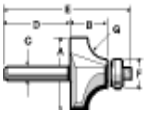


Beading Bits Two Flutes, Ball Bearing Pilot, Carbide Tipped

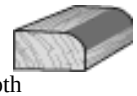


Used wherever attractive, decorative edging is needed.

Part #	A Overall Dia.	B Flute Lgth	C Shank Dia.	D Shank Lgth	E Overall Lgth	F Brng Dia.	G Cutting Radius
85493M	7/8"	31/64"	1/4"	1-1/4"	2-1/16"	3/8"	3/16"
85413M	7/8"	1/2"	1/2"	1-1/2"	2-1/4"	3/8"	3/16"
85394M	1"	35/64"	1/4"	1-1/4"	2-1/8"	3/8"	1/4"
85416M	1"	9/16"	1/2"	1-1/2"	2-5/16"	3/8"	1/4"
85419M	1-1/8"	9/16"	1/2"	1-1/2"	2-5/16"	3/8"	5/16"
85495M	1-1/8"	37/64"	1/4"	1-1/2"	2-5/32"	3/8"	5/16"
85496M	1-1/4"	43/64"	1/4"	1-1/4"	2-1/4"	3/8"	3/8"
85599M	1-1/4"	43/64"	1/2"	1-1/2"	2-5/8"	3/8"	3/8"
85497M	1-1/2"	51/64"	1/4"	1-1/4"	2-7/16"	3/8"	1/2"
85600M	1-1/2"	51/64"	1/2"	1-1/2"	2-3/4"	3/8"	1/2"

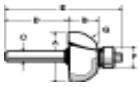


Roundover Bits Two Flute, Ball Bearing Pilot, Carbide Tipped



For smooth, uniformly rounded edges. Lower depth setting produces rounded corner with decorative bead.

Part #	A Overall Dia.	B Flute Lgth	C Shank Dia.	D Shank Lgth	E Overall Lgth	F Brng Dia.	G Cutting Radius
85289M	13/16"	5/16"	1/4"	1-1/4"	1-7/8"	1/2"	3/16"
85587M	13/16"	5/16"	1/2"	1-1/2"	2-1/8"	1/2"	3/16"
85290M	3/4"	5/16"	1/2"	1-1/2"	1-15/16"	1/2"	1/4"
85588M	3/4"	5/16"	1/2"	1-1/2"	2-1/8"	1/2"	1/4"
85616M	13/16"	5/32"	1/4"	1-1/4"	1-7/8"	1/2"	5/16"
85293M	7/8"	31/64"	1/4"	1-1/4"	2-1/8"	1/2"	5/16"
84402M	7/8"	1/2"	1/2"	1-1/2"	2-1/4"	1/2"	3/8"
85294M	1"	35/64"	1/4"	1-1/4"	2-3/16"	1/2"	3/8"
84405M	1"	9/16"	1/2"	1-1/2"	2-5/16"	1/2"	1/2"
84408M	1-1/8"	9/16"	1/2"	1-1/2"	2-5/16"	1/2"	1/2"
85295M	1-1/8"	37/64"	1/4"	1-1/4"	2-3/16"	1/2"	3/16"
85296M	1-1/4"	43/64"	1/4"	1-1/4"	2-3/8"	1/2"	3/16"
85594M	1-1/4"	43/64"	1/2"	1-1/2"	2-5/8"	1/2"	1/4"
85297M	1-1/2"	51/64"	1/4"	1-1/4"	2-7/16"	1/2"	1/4"
85595M	1-1/2"	51/64"	1/2"	1-1/2"	2-3/4"	1/2"	5/16"
85596M	1-3/4"	15/16"	1/2"	1-1/2"	3"	1/2"	5/16"
85434M	2"	1"	1/2"	1-1/2"	3"	1/2"	5/16"

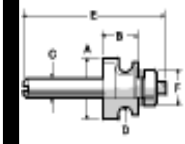


Cove Bits Two Flutes, Ball Bearing Pilot, Carbide Tipped



For decorative edging and period furniture.

Part #	A Overall Bevel	B Flute Dia.	C Shank Dia.	D Shank Lgth	E Overall Lgth	F Brng Dia.	G Cutting Radius
85205M	1"	1/2"	1/4"	1-1/4"	2-1/8"	2-3/16"	1/4"
84425M	1"	1/2"	1/2"	1-1/2"	2-1/4"	2-3/4"	1/4"
85206M	1-1/4"	9/16"	1/4"	1-1/2"	2-13/64"	2-15/16"	3/8"
84428M	1-1/4"	9/16"	1/2"	1-1/4"	2-5/16"	2-3/16"	3/8"
85207M	1-1/2"	5/8"	1/4"	1-1/2"	2-1/4"	2-3/4"	1/2"
84431M	1-1/2"	11/16"	1/2"	1-1/2"	2-3/8	1-1/2"	1/2"

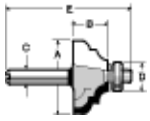


Edge Beading Bits Ball Bearing Pilot Carbide Tipped



Adds attractive edging on new pieces and matches many older molding cuts for remodeling work.

Part #	A Overall Bevel	B Flute Dia.	C Shank Dia.	D Cutting Radius	E Overall Lgth	F Brng Dia.
85631M	7/8"	17/32"	1/4"	1/8"	2-5/32"	1/2"
85632M	7/8"	17/32"	1/2"	1/8"	2-1/2"	1/2"
85666M	1"	11/16"	1/4"	3/16"	2-11/32"	1/2"
85667M	1"	11/16"	1/2"	3/16"	2-1/2"	1/2"
85668M	1-1/4"	7/8"	1/4"	1/4"	2-1/2"	5/8"
85669M	1-1/4"	7/8"	1/2"	1/4"	2-1/2"	5/8"

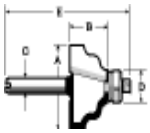


Cove And Bead Bits Ball Bearing Pilot Carbide Tipped

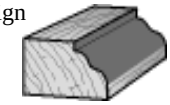


A classic woodworking design. An attractive accent to any piece.

Part #	A Overall Dia.	B Flute Lgth	C Shank Dia.	D Brng Dia.	E OAL
85604M	1-5/16"	5/8"	1/4"	1/2"	2-1/4"
85605M	1-5/16"	5/8"	1/2"	1/2"	2-1/2"



Wavy Edge Bits Ball Bearing Pilot Carbide Tipped



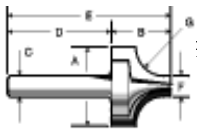
Unique pattern gives multiple design with soft rounded corners.

Part #	A Overall Dia.	B Flute Lgth	C Shank Dia.	D Brng Dia.	E OAL
85606M	1-1/4"	11/16"	1/4"	1/2"	2-1/4"
85607M	1-1/4"	11/16"	1/2"	1/2"	2-1/2"

POWER TOOL ACCESSORIES

GROOVE FORMING BITS

Plunge Roundover Bit Carbide Tipped

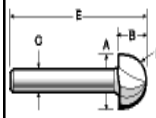


For special decorative grooving and edging.



Part #	A Overall Dia.	B Flute Lgth	C Shank Dia.	D Shank Lgth	E Overall Lgth	F Pilot Dia.	Cutting Radius
85470M	1"	5/8"	1/2"	1-1/2"	2-1/4"	1/4"	1/8"
85470M	2-1/8"	3/8"	---	---	---	---	1/4"
85472M	1-3/8"	---	---	---	2-1/2"	---	1/2"

Core Box Bits Carbide Tipped

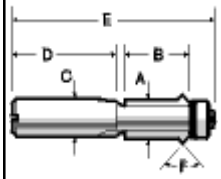


Cuts rounded grooves used in a variety of applications ranging from doors to columns.

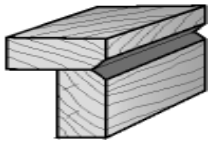


Part #	A Overall Dia.	B Flute Lgth	C Shank Dia.	D Radius	E Overall Lgth
85444M	1/4"	3/8"	1/4"	1/8"	2"
85445M	3/8"	5/16"	1/4"	3/16"	1-15/16"
85446M	1/2"	3/8"	1/4"	1/4"	2"
85446M	5/8"	7/16"	1/4"	5/16"	2-1/16"
85446M	3/4"	1/2"	1/4"	3/8"	2-1/8"

Face Frame/Flush Trip V-Groove Bits Carbide Tipped

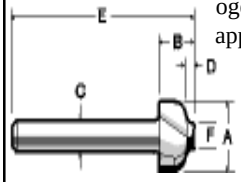


Use to flush face frame to cabinet side, at the same time cut V-groove down joint of cabinet. Also use as a decorative V-groove cut.

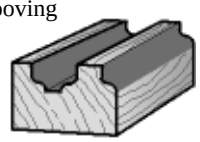


Part #	A Cut Dia.	B Flute Lgth	C Shank Dia.	D Shank Lgth	E OAL	F Radius
85646M	1/2"	1"	1/4"	1-1/4"	2-5/8"	90 deg
85647M	1/2"	1"	1/2"	1-5/8"	3-1/8"	90 deg

Ogee Bits Carbide Tipped

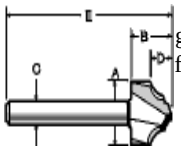


Adds the graceful, symmetrically-balanced ogee cut to your product for eye-pleasing appeal. Recommended for both grooving and edge-forming cuts.



Part #	A Overall Dia.	B Flute Lgth	C Shank Dia.	D Deco Cut Lgth	E OAL	F Small Dia.
85461M	3/8"	5/16"	1/4"	9/64"	1-15/16"	1/8"
85462M	1/2"	3/8"	1/4"	1/32"	2"	9/64"
85462M	3/4"	7/16"	1/4"	9/32"	2-1/16"	1/4"
85462M	3/4"	7/16"	1/2"	9/32"	2-1/16"	1/4"

Classical Bit Carbide Tipped

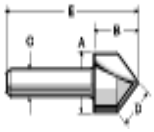


For beautiful, decorative grooving. Also recommended for edge forming with a router guide.

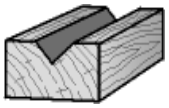


Part #	A Overall Dia.	B Flute Lgth	C Shank Dia.	D Deco Cut Lgth	E Overall Lgth
85467M	1/2"	3/8"	1/4"	5/32"	2"
85468M	3/4"	1/2"	1/4"	5/32"	2-1/8"

V-Grooving Bits Two Flutes Carbide Tipped



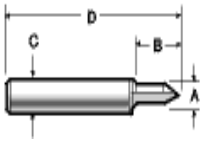
Excellent for door front grooving, lettering and sign work. Shear angle cutter geometry for smooth, efficient cutting.



Part #	A Overall Dia.	B Flute Lgth	C Shank Dia.	D Bevel Cut (45°)	E Overall Lgth
84300M	3/8"	5/8"	1/4"	1/4"	1-9/16"
85219M	1/2"	5/8"	1/4"	3/8"	1-17/32"
84303M	5/8"	7/16"	1/2"	7/16"	1-15/16"
84306M	3/4"	1/2"	1/2"	19/32"	2"
84309M	1"	3/4"	1/2"	13/16"	2-3/8"
85220M	1-1/4"	13/16"	1/4"	7/8"	1-13/16"

V-Grooving & Scoring Bit Single Flute Solid Carbide

For grooving and scoring panel design in wood surfaces. **41 degree bevel.**





Part #	A Overall Dia.	B Flute Lgth	C Shank Dia.	D Overall Lgth
85284	1/4"	3/8"	1/4"	1-5/8"

Key Hole Bits Plunge and Slot Cuts Carbide Tipped

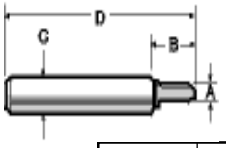
Routs mounting slots in pictures frames and plaques.

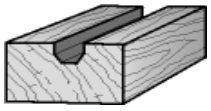
Part #	Cut Type	A Cut Dia.	B Shank Dia.	C Overall Lgth
85608	Slot 2	A1-3/8, A2-3/16"	1/4"	1-7/8"

EDGE FORMING BITS

Provincial Design Veining Bits Solid Carbide

For recessed design veining in fine cabinet surfaces. Used extensively for door front grooving.



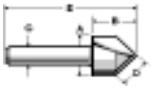


Part #	A Overall Dia.	B Flute Lgth	C Shank Dia.	D Overall Lgth
85281	1/8"	3/16"	1/4"	2"
85282	3/16"	3/8"	1/4"	1-9/16"
85283	1/4"	3/8"	1/4"	1-5/8"

HINGE MORTISING BITS

Hinge Mortising Bit Carbide Tipped

Fast-cutting bit for making mortises when work is started at the edge. Also used where good chip clearance is important in material such as gummy wood.

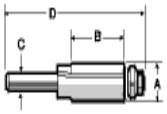




Part #	A Cut Dia.	B Flute Lgth	C Shank Dia.	D Shank Length	E Overall Length
84300M	3/8"	5/8"	1/4"	1/4"	1-9/16"

LAMINATE TRIM BITS & CUTTERS

2-Flute Laminate Flush Trimming Bit Carbide Tipped

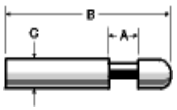


For fast, smooth accurate trim cuts. Shielded, compact ball bearing pilot.

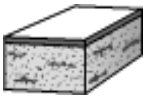


Part #	A Cut Dia.	B Flute Lgth	C Shank Dia.	D Overall Lgth
85268M	3/8"	1"	1/4"	2-9/16"
85269M	3/8"	1/2"	1/4"	2-1/4"
85266M	1/2"	1"	1/4"	2-3/8"
85267M	1/2"	5/8"	1/4"	2-5/32"
85441M	1/2"	1"	1/2"	2-5/8"
84500M	3/4"	9/16"	1/2"	2-1/2"
85442M	1/2"	2"	1/2"	4-1/4"

Finish Trimmer Bit Solid Carbide

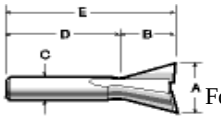


Makes flush, trim, edge cuts. Self-pilot.



Part #	A Flute Lgth	B Overall Lgth	C Shank Dia.	D Type Cut
85285	1/4"	1-1/2"	1/4"	Flush

DOVETAIL BITS



Dovetail Bits Carbide Tipped

For making dovetail joints.

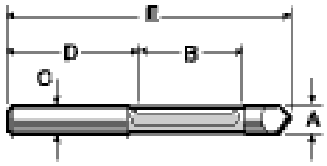


Part #	Degrees	A Overall Dia.	B Flute Lgth	C Shank Dia.	D Shank Lgth	E OAL
84700M	9	3/8"	3/8"	1/4"	1"	1-9/16"
84706M	9	3/8"	3/8"	1/2"	1-1/2"	2-1/8"
84709M	14	1/2"	1/2"	1/2"	1-1/2"	2-1/4"
84703M	14	1/2"	1/2"	1/4"	1"	1-11/16"
84240M	15	17/32"	1/2"	1/4"	1-3/8"	1-7/8"
84712M	7	5/8"	7/8"	1/2"	1-1/2"	2-1/2"
84715M	7	3/4"	7/8"	1/2"	1-1/2"	2-1/2"

PILOT PANEL BITS

Pilot Panel Bits With Drill-Through Points Carbide Tipped, Single Flute

For window and door cutouts in abrasive insulation materials, plywood, and paneling. Drill-through pilot for guiding on templet or framing after panel has been mounted.

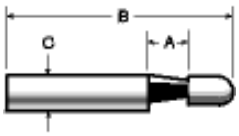


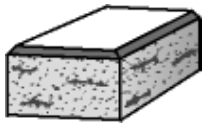
Part #	A Cut Dia.	B Flute Lgth	C Shank Dia.	D Shank Length	E Overall Length
85244	1/4"	3/4"	1/4"	1"	2-9/16"
85244M	1/4"	3/4"	1/4"	1"	2-9/16"
85245	3/8"	7/8"	3/8"	1-11/32"	3"
85245M	3/8"	7/8"	3/8"	1-11/32"	3"
85246	1/2"	1-1/8"	1/2"	1-31/64"	3-9/16"
85246M	1/2"	1-1/8"	1/2"	1-31/64"	3"
85407M	1/2"	2"	1/2"	1-3/4"	4-3/4"

LAMINATE TRIM BITS & CUTTERS

Bevel Trimmer Bit Solid Carbide

Provides 7-1/2" bevel on trim edge of plastic laminate surfaces. Self-pilot eliminates guide assembly.





Part #	A Flute Lgth	B Overall Lgth	C Shank Dia.	D Type Cut
85286	1/4"	1-1/2"	1/4"	7-1/2 bevel

POWER TOOL ACCESSORIES

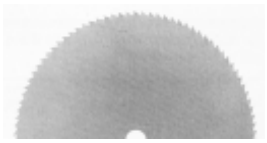
CONTRACTOR SERIES



AMERICAN PRIDE™ CARBIDE BLADES
General Purpose

- For general purpose sawing of wood, laminates, asbestos, wall board and other composition materials.
- Ideal framing blade where a smooth finish is not needed.
- Carbide Tipped.

Item#	Grind	Dia.	Bore Inches	#Teeth
#71995	ATB	7-1/4"	5/8 Rd.,13/16♦	18
#71999	ATB	7-1/4"	5/8 Rd.,13/16♦	24



Plywood/Paneling

- Fine, extra-clean cutting blade for use on plywood, veneer, celotex and thin plastic.

Item#	Dia.	Bore Inches	#Teeth
#61052	7-1/4"	5/8 Rd.,13/16♦	150
#61053	8"	5/8 Rd.,13/16♦	200
#61055	10"	5/8 Rd.	200



Thin Rim Plywood

- Finest blade for stain smooth finish on plywood, veneers, laminates, Plexiglas and other thin materials.
- Use for crosscutting and mitering

Item#	Dia.	Bore Inches	#Teeth
#61061	7 - 7-1/4"	5/8 Rd.,13/16♦	200
#61063	8"	5/8 Rd.,13/16♦	200



Crosscut

- Special purpose blade for smooth, fast cutting accross the grain of both hard and soft woods.

Item#	Dia.	Bore Inches	#Teeth
#61072	7-1/4"	5/8 Rd.,13/16♦	100
#61073	8"	5/8 Rd.,13/16♦	100

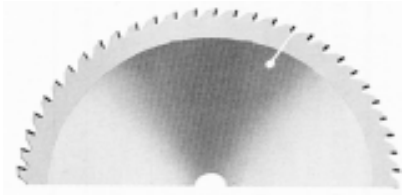
SEMI-INDUSTRIAL



KING CARBIDE SEMI-INDUSTRIAL SAW BLADES
General Cutoff

- For trimming and crosscutting soft and hard woods.
- Expansion slots guard against warping and distortion caused by heat.
- Use TCG grind when cutting plastics, aluminum and non-ferrous metals.
- Cuts particle board, plywood Masonite and ofther composition materials.

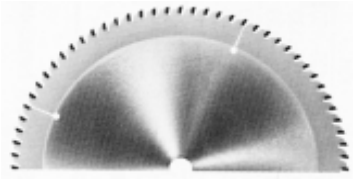
Item#	Grind	Dia.	Bore Inches	#Teeth
#70030	ATB	6-1/2"	5/8 Rd.,13/16	40
#70032	ATB	7-1/4"	5/8 Rd.,13/16	40
#70033	ATB	8"	5/8 Rd.,13/16	40
#70125	ATB	9"	5/8 Rd.	40
#70036	ATB	12"	5/8, 1 Rd.	40



Cutoff

- Crosscuts and miters in soft and hard woods.
- Ideal for fine cutoff or finishing work.
- Cuts particleboard, plywood, Masonite and other coposition materials.
- Use TCG grind when cutting plastics, aluminum and non-ferrous metals..

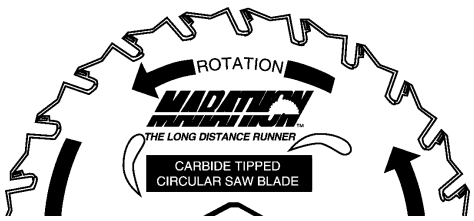
Item#	Grind	Dia.	Bore Inches	#Teeth
#70063	ATB	8"	5/8 Rd.,13/16	60
#70129	ATB	9"	5/8 Rd.	60
#70065	ATB	10"	5/8 Rd.,	60
#70066	ATB	12"	5/8, 1 Rd.	60



Metal Cutoff

- Use TCG grind when cutting plastics, aluminum and non-ferrous metals..

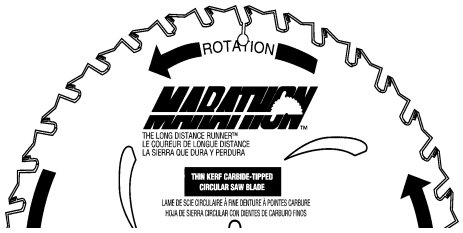
Item#	Grind	Dia.	Bore Inches	#Teeth
#60125	TCG	7-1/4"	5/8 Rd.,13/16	40
#60126	TCG	8"	5/8 Rd.	40
#60127	TCG	10"	5/8 Rd.,	60
#60128	TCG	10"	5/8, 1 Rd.	80



MARATHON THIN KERF CIRCULAR SAW BLADES
Wood - Framing/Ripping

- Ideal blade for house framing
- Small number of teeth for fast cutting when smooth finish is not needed.
- Alternate top bevel grind
- #24130 is silicone coated

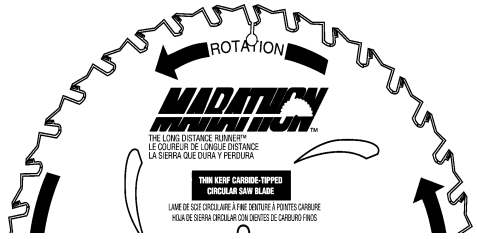
Item#	Grind	Dia.	Kerf	Hook Angle	#Teeth
#14020	ATB	6-1/2"	.067"	20 degrees	20
#24130	ATB	7-1/4"	.078"	20 degrees	20



Wood - Trim/Finish

- Silicone coated
- For applications in pressure treated lumber.
- Allows blades to slice easier through material reducing pitch and resin build-up.

Item#	Grind	Dia.	Kerf	Hook Angle	#Teeth
#14051	ATB	8-1/4"	.078"	20 degrees	30



Wood - Satin Smooth Finish

- For general purpose use when cross-cutting and trimming in all woods, paneling, plywood and chipboard.
- Alternate top bevel grind

Item#	Grind	Dia.	Kerf	Arbor Hole	#Teeth
#14074	ATB	10"	.084"	5/6"	60
#14076	ATB	10"	.084"	5/6"	80
#14082	ATB	12"	.106"	1"	60
#14084	ATB	12"	.106"	1"	80

CUT-OFF WHEELS



FOR METAL

#71846 4" x 1/16" x 7/8"
#71847 4-1/2" x 1/16" x 7/8"
#71864 10" x 3/32" x 1"
#71865 12" x 3/32" x 1"
#71866 14" x 3/32" x 1"
#71892 7" x 1/8" x A-5/8"
#72340 12" x 5/32" x 20mm
#72341 12" x 5/32" x 1mm
#72344 14" x 5/32" x 20mm

FOR MASONRY

#72342 12" x 5/32" x 20mm
#72343 12" x 5/32" x 1"
#72346 14" x 5/32" x 20mm
#72347 14" x 5/32" x 1"

GRINDING WHEELS



FOR METAL

Hubless:

#72307 4" x 1/4" x 5/8"
#72308 4-1/2" x 1/4" x 7/8"
#72309 5" x 1/4" x 7/8"
#72313 12" x 3/32" x 1"
#71827 7" x 1/4" x 7/8"

Threaded Hub:

#71835 7" x 1/8" x 5/8-11 THD
#71879 7" x 1/4" x 5/8-11 THD
#72316 9" x 1/1 x 5/8-11 THD
#72310 7" x 1/4" x 5/8-11 THD

FOR MASONRY

#71893 7" x 1/8 5/8" x Diamond
#71894 12" 1/8" x 1"
#71895 14" x 1/8" x 1"
#71896 4" x 1/4" x 5/8"
#71897 4-1/2 x 1/4" x 7/8"



#BDCT4140E
EXPRESS GRADE
DRY/WET CUTTING TUCK POINT BLADES

- Application: General Mansonry Brick & Block
- Size: 4" x .250" x 7/8"-5/8"
- Diamond Depth: .210"
- Segment Height: .250"
- Gray Color



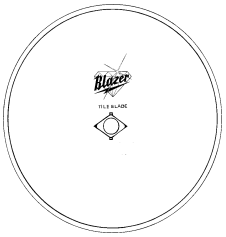
STANDARD GRADE
SMALL DIA. PORTABLE DRY/WET CUTTING BLADES
SEGMENTED STYLE

- Applications: All cured concrete, General masonry brick & block, Asphalt
- Diamond Depth: .197"
- Segment Height: .275"
- Black Color
- **#BDCTA4** -- Size: 4" x .080" x 7/8"-5/8"
- **#BDCTA7** -- Size: 7" x .095" x UA-5/8"



STANDARD GRADE
PORTABLE HIGH-SPEED DRY/WET CUTTING BLADES
SEGMENTED STYLE

- Applications: All cured concrete, General masonry brick & block, Asphalt, Green concrete, Cinder block
- Diamond Depth: .187"
- Segment Height: .250"
- Black Color
- **#BDCTA12** -- Size: 12" x .110" x 1"/20mm
- **#BDCTA14** -- Size: 14" x .125" x 1"/20mm



PREMIUM GRADE
DRY CUTTING TILE BLADES

- Application: High performance, long-life dry cutting of ceramic tile. For use on a ginder, circular saw or portable masonry saw.
- Diamond Depth: .200"
- Silver Color
- **#BTB4** -- Size: 4" x .060" x 5/8"
- **#BTB7** -- Size: 7" x .060" x 5/8"



#BDSCWH410TH
HEAVY DUTY GRADE
DRY SEGMENTED DIAMOND CUP WHEEL

- Application: Efficient way to grind all types of concrete, masonry, brick, block and stone surface.
- Diamond Depth: .220"
- Black Color
- Sprial Design
- 10 Segments
- Size: 4" x 5/8"-11 threaded hub

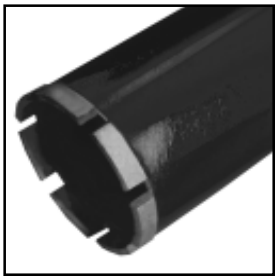
OTHER BLAZER PRODUCTS



DRY CUTTING CORE BITS

- Application: Dry drilling of light weight brick and block only. Dry core bits are not designed for drilling reinforced concrete or other hard, dense materials such as clay brick.
- Styles: DCB Series - Heavy wall tube with fused "full crown" diamond head.
- DCBL Series - Thin wall tube with laser-welded diamond segmented head.
- Standard Length: 9" drilling depth, 9" overall
- Drill Adapter: 5/8"-11 Thread
- Sizes Available: 7/8" thru 6"





WET CUTTING SEGMENTED CORE BITS

- Standard length: 14" drilling depth, 16" overall
- Drill Adaptor: 1-1/4" 7 spoke back adaptors standard on diameters above 20"
- Special Bonds Available: Q-soft bond for extremely hard materials
- A-hard bod for abrasive materials, asphalt samples, cinder block
- P-high performance in pre-stressed concrete
- Specific outside and inside diameters available

Premium Grade:
- Application: most popular for small to medium jobs. Designed for a wide range of material applications, including medium reinforced concrete and masonry materials.
- BBI Series
- Red Color
- Diamond depth: .250"
- Segment Height: .300"
- Available Sizes: 2" thru 54"

Supreme Grade:
- Application: High diamond content yields excellent life and drilling efficiency through heavily reinforced concrete, marble, granite, refractory brick, and other hard materials.
- BBS Series
- Dark Blue Color
- Diamond depth: .300"
- Segment Height: .350"
- Available Sizes: 2" thru 54"

Super Professional Grade:
- Application: The highest performing product for our most demanding customers. For fast drilling, long life and the lowest cost per hole under even the most extreme conditions.
- BBSP Series
- Black Color
- Diamond depth: .300"
- Segment Height: .350"
- Available Sizes: 2" thru 54"



#B1000
CORE DRILLING RIG

- The B1000, has a capacity of 10" diameter and can be increased to 14" by adding spacer blocks.
- Standard equipment includes: Combination anchor/vacuum base
- Sturdy slide handle
- Vacuum pump assembly for drillng without anchors (available without pump assembly)
- Durable 2-1/2" square column
- Dual switch/outlet control panel with amp meter
- Precision carriage for easy accurate drilling



HAND HELD CORE DRILLING UNITS

Versatile machines capable of drilling through reinforced concrete, brick, block and stone quickly and efficiently. Ideal for drilling holes in walls, floors and ceilings, and great for concrete anchoring systems.

- Friction safety clutch to protect operator in case of jamming
- Built-in water jacket to cool diamond tool and prevent dust.
- Optional mounting plate for use with B-500 stand.
- Metal or plastic case included with electric model.
- 1-1/4"-7 and 5/8"-11 adapters included.

#END2000P - Eibenstock motor , 15 amp, 110V electric, 1/2"-4" capacity, RPM (no load): 300/750/1500

#DK12 - Dr. Schulze(WEKA) motor, 14 amp, 115V electric, 1/2" to 4" capacity, RMP(no load): 580/1400/2900



Phillips® Insert Bits

- Special bit design absorbs torque peaks reducing splipage and breakage.
- Cold formed for optimum toughness and resistant to wear.

1/4" Hex Shank

Item#	Configuration/ Hardness	Overall Lgth	Point Size
46004	Ex Hard Ribs	1"	1
45190	Iso-Temp	1"	2
45191	Iso-Temp	1"	3

Reduced Diameter -- 1/4" Hex Shank

Item#	Configuration/ Hardness	Overall Lgth	Point Size
44963	Iso-Temp	1"	2R



Phillips® Power Bits

1/4" Hex Shank with Round Bodies

Item#	Hardness	Body Dia.	Overall Lgth	Point Size
27363	Ex. Hard	3/16	2-3/4"	1
27364	Ex. Hard	1/4	2-3/4"	2
27365	Ex. Hard	1/4	2-3/4"	3
27366	Ex. Hard	3/16	3-1/2"	1
27367	Ex. Hard	1/4	3-1/2"	2
27368	Ex. Hard	1/4	3-1/2"	3
45625	Ex. Hard	1/4	6"	2
45626	Ex. Hard	1/4	6"	3

1/4" Full Hex Body

Item#	Rib Hardness	Body Dia.	Overall Lgth	Point Size
45326	Iso-Temp	1/4	1-15/16"	1
45327	Iso-Temp	1/4	1-15/16"	2
45328	Iso-Temp	1/4	1-15/16"	3



Slotted Insert Bits

- Common in telephone and other electrical devices.
- Cold formed for optimum toughness and resistant to wear.

1/4" Hex Shank (1" OAL)

Item#	Hardness	Blade thickness	Blade Lgth	Point Size
39534	Ex Hard	.034	.187"	4-5
45192	Iso-Temp	.040	.250"	6-8
45193	Iso-Temp	.042	.281"	8-10
45193	Iso-Temp	.046	.281"	10-12



Slotted Power Bits

1/4" Hex Shank with Round Bodies (1-15/16" OAL)

Item#	Hardness	Blade Thickness	Blade Lgth	Point Size
27462	Ex Hard	.032	.154"	3-4
27463	Ex. Hard	.034	.184"	4-5
27468	Ex. Hard	.050	.360"	12-14

(3" OAL)

Item#	Hardness	Blade Thickness	Blade Lgth	Point Size
28295	Ex. Hard	.038	.250"	6-7
28296	Ex. Hard	.042	.275"	8-10
28297	Ex. Hard	.046	.312	10-12

1/4" Full Hex Body (1-15/16" OAL)

Item#	Rib Hardness	Blade Thickness	Point Size
45335	Iso-Temp	.040"	6-8
45327	Iso-Temp	.042"	8-10
45328	Iso-Temp	.046"	10-12

Slotted Bit with Finder



1/4" Hex Shank (3-3/4" OAL)

Item#	Hardness	Blade Thick	Blade Lgth	Point Size
39626	Ex. Hard	.040"	.241"	6-8
39627	Ex. Hard	.042"	.290"	8-10
39628	Ex. Hard	.046"	.350"	10-12

(3-7/8" OAL)

Item#	Hardness	Blade Thick	Blade Lgth	Point Size
39629	Ex. Hard	.046"	.395	12-14

(3-3/4" OAL)

Item#	Hardness	Blade Thick	Blade Lgth	Point Size
39630	Ex. Hard	.055	.457	14-16



TORX® Insert Bits

- Positive torque control with no cam-outs.
- Maximum drive surface and longer drive life.
- Hot formed for optimum toughness and resistance to wear.

1/4" Hex Shank

Item#	Configuration/ Hardness	Overall Lgth	Point Size
45147	Iso-Temp	1"	T10
45148	Iso-Temp	1"	T15
45149	Iso-Temp	1"	T20
45150	Iso-Temp	1"	T25
45151	Iso-Temp	1"	T30
45152	Iso-Temp	1"	T40

Reduced Diameter -- 1/4" Hex Shank

Item#	Configuration/ Hardness	Overall Lgth	Point Size
44963	Iso-Temp	1"	2R



TORX® Tamper Resistant Insert Bits

- Tip drilled to fit TORX® tamper resistant screws.

1/4" Hex Shank

Item#	Configuration/ Hardness	Overall Lgth	Point Size
45391	Iso-Temp	1"	T10
45392	Iso-Temp	1"	T15
45393	Iso-Temp	1"	T20
38344	Ex. Hard	1"	T15H
38348	Ex. Hard	1"	T25H
38350	Ex. Hard	1"	T27H
38352	Ex. Hard	1"	T30H



Nutsetters Power Bits

- Magnetic
- For use with Hex Head Screws

1/4" Hex Shank

Item#	Hex Size	Overall Lgth	Socket Body Dia.
37582	1/4"	2-9/16"	7/16"
37583	5/16"	2-9/16"	1/2"
37584	3/8"	2-9/16"	9/16"
38639	7/16"	2-9/16"	9/16"



Socket Head (Allen®) Hex Power Bits

1/4" Hex Shank

Item#	Hardness	Overall Lgth	Point Size
27423	Ex. Hard	1-15/16"	1/8"
27424	Ex. Hard	1-15/16"	5/32"
27425	Ex. Hard	1-15/16"	3/16"
27426	Ex. Hard	1-15/16"	7/32"
27427	Ex. Hard	1-15/16"	1/4"



Socket Head Tamper Resistant Bits

1/4" Hex Shank

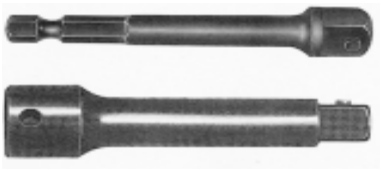
Item#	Hardness	Overall Lgth	Point Size
35693	Iso-Temp	1"	1/8"
35694	Iso-Temp	1"	9/64"
35695	Iso-Temp	1"	5/32"
35696	Iso-Temp	1"	3/16"
35697	Iso-Temp	1"	7/32"
35698	Iso-Temp	1"	1/4"



Double End Insert Bits

Phillips /Slotted 1/4" Hex Shank

Item#	Hardness	Overall Lgth	Phillips Size	Slot Size
38652	Ex. Hard	1-1/2"	P2	8-10
38653	Ex. Hard	1-1/2"	P3	10-12



Extentions, Power Drive

- Adapts screwdrivers and drill s to drive sockets.
- Pin lock - recommended for industrial use.

Item#	Description	Overall Lgth
37570	1/4" Male Square	3"
31595	1/4" Male Square	6"
38209	3/8" Male Square	3"



Square Recess/Robertson Insert Bits

1/4" Hex Shank

Item#	Hardness	Overall Lgth	Size Inches	Point Size
45195	Iso-Temp	1"	3/32"	1/8"
45196	Iso-Temp	1"	1/8"	9/64"
45197	Iso-Temp	1"	9/64	5/32"



Spanner Insert Bits

- Security fastener system
- Insert style only
- Iso-Temp only

1/4" Hex Shank

Item#	A Wdth	B Wdth	Overall Lgth	Point Size
35422	.100	.170	1"	6
35423	.112	.207	1"	8
35424	.142	.245	1"	10

5/16" Hex Shank

Item#	A Wdth	B Wdth	Overall Lgth	Point Size
35421	.187	.307	1-1/2"	1/4"



Bit Holders for Hex Insert Bits

- C-Ring retainer (38304) • Stainless Steel
- Magnetic

1/4" Hex Tool Steel Shank

Item#	Description	Overall Lgth	Body Dia.	Nose Dia.
27750	Heavy Use	6"	3/8"	1/4"
40831	1-Pc Const.	2-1/8"	7/16"	1/4"
40833	1-Pc Const.	2-31/32"	7/16"	1/4"



Locator/Driver Bits

- Magnet holds screw in place with no wobbling or cam-out of bit from screwhead recess. Outer sleeve covers screwhead.
- Accommodates all 1/4" Hex shank insert bits and #10 and smaller screws.

#49415 -- Locator/Driver, 4-11/16" OAL
#49417 -- Stubby Locator/Driver, 3-1/16" OAL



#48240
EASY ACCESS® TAMPER RESISTANT BIT KIT

29 Piece Set Includes:

- 1 driver
- 8 TORX® Bits
- 8 Socket head Bits
- 3 Spanner Bits
- 2 TORQ-SET® Bits
- 2 Square Recess bits
- 1" POZIDRIV® Bit
- 2 TRI-WING® Bits
- 1 Socket adapter
- 1- bit holder



MODEL #3962-01
ROTARY TOOL KIT

Kit Includes:

- MultiPro variable speed rotary tool
- Small window case
- Dremel Chuck
- 40 Assorted Accessories
- "Projects for the Imagination" Book
- Wrench

Accessories Included are:

150 Drill Bit
401 Mandrel
402 Mandrel
407 Coarse 1/2" sanding drum
408 Coarse sanding band (2)
432 Fine sanding band (3)
409 Emery cut-off wheel (2)
414 Small felt wheel (2)
403 Bristle brush
411 Coarse sanding discs (15)
415 Dressing stone
420 Heavy duty emery cut-off wheel (5)
425 Emery wheel
569 1/16" Grout removal bit
541 Alum. ox. wheel
8193 Alum. ox. stone
84922 Silicon carbide stone



MODEL #2850-01
TWO SPEED MULTI-PRO KIT

Kit Includes:

- MultiPro Two Speed Roatary Tool
- Window Organizer
- 30 Assorted Accessories

Accessories Included are:

150 Drill Bit
191 High speed cutter
401 Mandrel
402 Mandrel
403 Bristle Brush
407 Coarse 1/2" sanding drum
408 Coarse sanding band (2)
432 Fine sanding band (3)
409 Emery cut-off wheel (2)
411 Coarse sanding disc (5)
414 Small felt wheel (3)
415 Dressing stone
420 Heavy duty emery cut-off wheel (3)
425 Emery wheel
429 Large felt wheel
541 Alum. ox. wheel
8193 Alum. ox. stone
84922 Silicon carbide stone



MODEL #290
ENGRAVER

- Engraver tool has a 115V, AC/115V. 60 Hz. .02 Amps./0.02A motor
- 7,200/SPM
- Weighs only 12 oz.
- Includes Carbide Point #9924

CARVING/ENGRAVING TIPS

High Speed Cutters can be used for shaping, hollowing, grooving, slotting, making tapered holes in soft metals, plastics and woods. #198 & #199 cutters can be used to make small slits.

Item #	Head Dia.	Bit
100	1/4"	
114	5/16"	
115	5/16"	
116	1/4"	
117	1/4"	
118	1/8"	
121	1/4"	
124	5/16"	
125	1/4"	
131	1/4"	
134	1/4"	
144	5/16"	
190	3/32"	
191	1/8"	
192	3/16"	
193	5/64"	
194	1/8"	
196	7/32"	
198	9/32"	
199	3/8"	

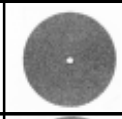
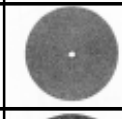
CARVING/ENGRAVING TIPS (cont'd)

Engraving Cutters are used for detail engraving, carving, routing in wood, fiberglass, plastic and soft metals.

Item #	Head Dia.	Bit (not actual size)
105	1/32"	
106	1/16"	
107	3/32"	
108	1/32"	
109	1/16"	
110	5/64"	
111	1/32"	
112	3/64"	
113	1/16"	

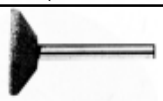
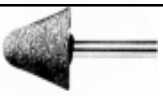
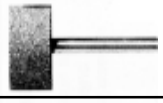
CUTTING TIPS

Cut-off Wheels are used for slicing and cutting metal, wood, and plastic. Cut-off wheels make it easy to cut or slot bolts, screws, sheet metal, thin wood & plastic.

Item#/ Pk Sz	Width/ Thickness	Desc.
409 36pc/pack	15/16" .025"	
420 20pc/pack	15/16" .040"	
540 5pc/pack	1-1/4" .0625"	

GRINDING/SHARPENING TIPS

Alum. Oxide Grinding Stones (red/ brown) are used on metals, castings, welded joints, rivets and rust. Ideal for sharpening, deburring and general purpose grinding of most materials.

Item #	Head Dia.	Bit (not actual size)
903	5/8"	
911	7/16"	
921	1/2"	
932	3/8"	
941	5/8"	
945	3/16"	
952	3/8"	
953	1/4"	
954	1/4"	
971	5/8"	
997	1/8"	
8153	3/16"	
8175	3/8"	
8193	5/8"	
8215	1"	

CLEANING/POLISHING BRUSHES

Bristle brushes: Use for light deburring, cleaning, polishing of silverware, jewelry andother precious metals; can use with polishing compound**.**

Carbon Steel brushes: Versatile brush for removing rust and corrosion, polish metal surfaces. Debur and blend surface junctures, clean electrical components.

Stainless Steel brushes: These do not cause "after-rust" when used on corrosive-resistant materials like pewter, aluminum and stainless steel.

Brass brushes: These are non-sparking and softer than steel. They will not scratch soft metals like gold, copper and brass.





Type \ Size	3/4"	1/2"	1/8"
Bristle	403	404	405
Carbon Steel	428	442	443
Stainless Steel	430	531	532
Brass	535	536	537

POLISHING COMPOUND



Item# 421: Use with felt or cloth accessories to polish metals and plastics. Compound will remove a dull oxidized film and/or ligh surface imperfections. A solid compound.

POLISHING WHEEL



Item# 520: Use for light stock removal and high luster polishing of metals and hard plastics. The wheel is impregnated with a silicon carbide abrasive and lubricant, eliminating the need for polishing compound.

SANDING BITS

Sanding Bands: For rough shaping and smoothing wood and fiberglass; removing rust from metal surfaces; shaping rubber surfaces. Sander bands are easily replaceable on drums, and are available in packages of 6 each.



1/4" Diameter
#430 - Coarse
#431 - Medium
#438 - Fine



3/8" Diameter
#439 - Coarse
#440 - Medium
#444 - Fine



1/2" Diameter
#407 - Coarse
#408 - Medium
#432 - Fine

Flapwheels: Flapwheels grind and polish flat or contoured surfaces. They are used most effectively as a finishing sander after heavier surface sanding and material removal is completed.



#502
3/8" Thick
80 Grit



#503
3/8" Thick
120 Grit



#504
3/16" Thick
80 Grit



#502
3/16" Thick
120 Grit

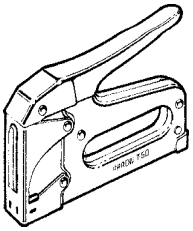
SHOP-VAC®



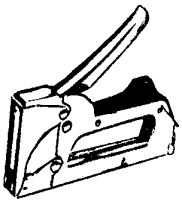
#4025
- 6-Gal, 2.5 HP
- Includes: Gulper nozzle, round brush & crevice tool (shown)

#QUM400
- 10-Gal, 4.0 HP
- Includes: 8 ft (2-1/2") hose, 14" floor nozzle, squeegee, crevice tool, & 2-1/2" concentrator nozzle. (not shown)

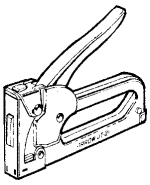
ARROW®



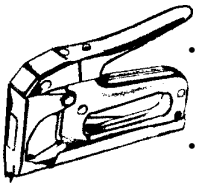
#T-50
STAPLE GUN TACKER
- All purpose heavy duty tacker.
- Staple sizes: 1/4", 5/16", 3/8", 1/2" & CT (ceiltile)



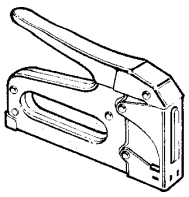
#T-30
STAPLE GUN TACKER
- Heavy duty tacking with light gauge staples.
- Staple sizes: 3/16", 1/4", & 5/16"



#JT-21
JUNIOR STAPLE GUN
- Light household duty model.
- Staple sizes: 1/4" & 5/16"



#T-25
WIRE TACKER
- Low voltage wire staple gun tacker for wires up to 1/4" diameter.
- Staple sizes: 9/32", 3/8", 7/16" & 9/16"



#T-75
WIRE & CABLE TACKER
- Fits wires and cables up to 1/2" diameter.
- Staple sizes: 9/16", 5/8" & 7/8"

ADJUSTABLE CLAMP®



ADJUSTABLE HANDSCREWS
- Straight-grain, hard maple jaws. Steel screws and nuts.
- Item# / Jaw length x open

Item#	Jaw length x open
5/0	4" x 2"
4/0	5" x 2-1/2"
3/0	6" x 3"
2/0	7" x 3-1/2"
0	8" x 4-1/2"
1	10" x 6"
2	12" x 8-1/2"
3	14" x 10"



#56
BAR CLAMP
- Uses 3/4" black pipe as rod.
- Head automatically grips bar at any point.
- Both ends can be reversed to spread work.

#53
BAR CLAMP
- For use with 1/2" pipes.
- Desirable for very thin stock or extra thick work.
- Straddle and pull evenly on both sides.
- Distance between bars - 3-1/4"
- Jaw face width - 2-1/4"





#52
BAR CLAMP
- Use with 1/2" black pipe.
- Light service design.
- Foot grips pipe automatically at any point.
- 1-1/2 square face.

ADJUSTABLE CLAMP® continued



#50 BAR CLAMP

- Use with 3/4" black pipe.
- The foot has a multiple disc clutch which grips the bar automatically at any point.
- Quick release
- 1-3/4 square clamp face.

1400 SERIES ADJUSTABLE C-CLAMP



- General Purpose

Item #	Throat Depth
1415	1-1/2"
1420	2"
1422	2-1/2"
1425	2-1/2"
1430	3"
1440	4"
1450	5"
1460	6"
1480	8"

200 SERIES PONY C-CLAMP



- Malleable iron frames. Full steel threads.

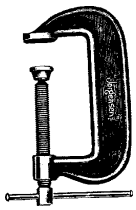
Item #	Depth x Opening
231	1-1/8" x 1"
233	1-1/2" x 1-1/2"
243	1-3/8" x 3"
244	2-1/2" x 2-1/2"

STYLE 1 CARRIAGE CLAMPS



Item #	Depth x Opening
102	1-3/4" x 2-1/4"
103	1-7/8" x 3"
104	2-1/8" x 4"
105	2-3/4" x 6"
108	3-1/4" x 8"

#8108 DROP FORGED C-CLAMP



- Medium service, heat treated steel frame.
- 2-5/8" throat depth.
- 8" maximum opening.

STYLE #120 BODY CLAMPS



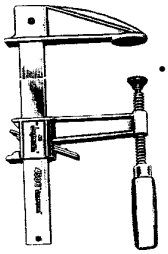
Item #	Depth x Opening
124	2-1/2" (3-1/8") x 4"
125	3" (3-1/8") x 5"
126	3-1/4" (3-5/8") x 6"
128	3-3/4" (4-1/2") x 8"

#3325 3-WAY EDGING CLAMP



- For applying right-angle pressure to the edge or side of work.
- Throat depth - 2-1/2"
- Opening cap. - 2-1/2"

STYLE #45 STEEL BAR CLAMPS



- Sliding head and fixed foot with 5" reach from edge of bar to center of screw.

Item #	Max. Opening
4506	6"
4508	8"
4512	12"
4524	24"

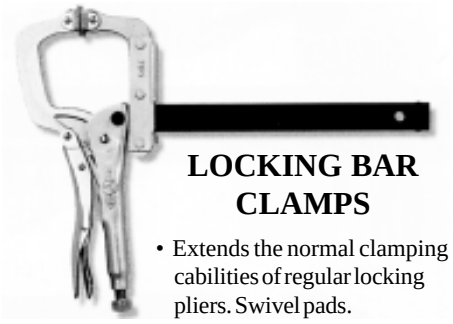
STYLE #32 SPRING CLAMPS



- For use on metal, wood, plastics, fabric or wherever spring pressure is adequate.
- Poly-vinyl protected jaws and handles.

Item #	Max. Jaw Opening
3201	1"
3202	2"
3203	3"
3204	4"

VISE-GRIP®



LOCKING BAR CLAMPS

- Extends the normal clamping cabilities of regular locking pliers. Swivel pads.
- **#310S** - 10" capacity
- **#318S** - 18" capacity



#00524 QUICK-GRIP BAR CLAMP

- 24" capacity
- To apply pressure, just squeeze the handle (one hand)
- Soft, pliable pads that protect fine finishes.
- Heat-treated steel bar.



Rigid End Shown

LOCKING CLAMP PLIERS

- C-Clamp
- Two varieties:

Rigid Ends	Swivel Pads
• **#6R** - 6"	• **#6SP** - 6"
• **#11R** - 11"	• **#11SP** - 11"
• **#18R** - 18"	• **#18SP** - 18"



#8R
LOCKING SHEET METAL TOOL

- 8" long
- 3-1/8" Jaw width
- 1-3/4" throat depth
- Bends, crimps and form



#9R
LOCKING WELDING CLAMP

- 9" long
- 2-3/4" Jaw width
- 1-5/8" throat depth
- Holds work in proper alignment while providing visibility and working space.



#20R
LOCKING CHAIN CLAMP

- 9" long
- 18" effective chain length
- Locks and holds around most any shape.
- Provides ratcheting action in either diection.



CURVED JAW LOCKING PLIERS with WIRE CUTTER

- Will cut 1/4" bolts and small wire.
- **#4WR** - 4" • **#7WR** - 7"
- **#5WR** - 5" • **#10WR** - 10"



LONG NOSE LOCKING PLIERS with WIRE CUTTER

- Tapered nose for delicate work, hobbies, tight spaces, electronics and clamping small parts.
- Wire cutter will cut up to 1/4" bolts and small wire.

#4LN - 4"
#6LN - 6"
#9LN - 9"



STRAIGHT JAW LOCKING PLIERS

- **#7R** - 7"
- **#10R** - 10"



CURVED JAW LOCKING PLIERS

- **#7CR** - 7"
- **#10CR** - 10"



#6BN BENT NOSE LOCKING PLIERS

- 6" long with **wire cutter.**
- 35 deg. bend. Tapered nose for getting into difficult places.
- Cuts up to 1/4" bolts and small wire.

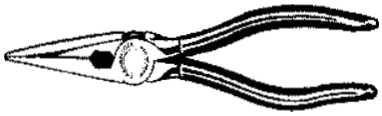
CHANNELLOCK®

TONGUE AND GROOVE PLIERS



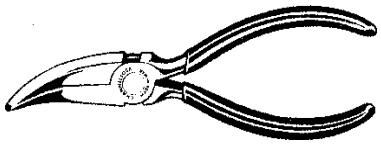
Item#	Length	Capacity
#410 *	9-1/2"	1-1/8"
#415	10"	2"
#420	9-1/2"	1-1/2"
#422 *	9-1/2"	1-1/2"
#424	4-1/2"	1/2"
#426	6-1/2"	7/8"
#430	10"	2"
#440	12"	2-1/4"
#442 *	12"	2-1/4"
#460	16"	4-1/4"

* curved jaws



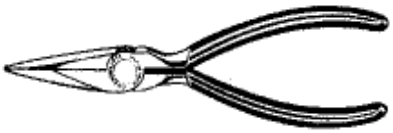
LONG NOSE PLIER with SIDE CUTTERS

- **#317** is 7-1/2" long
- **#326** is 6"long



#386 LONG NOSE BENT PLIER

- 5-1/2" with side cutters



#3017 LONG NOSE PLIER

- #**3017** is 7-1/2" long
- #**3026** is 6" long

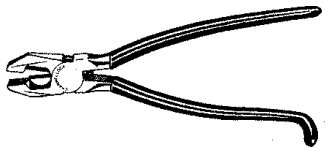
PLIERS & HANDTOOLS

CHANNELLOCK® continued



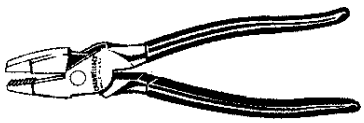
LINEMAN'S PLIERS

- Rounded nose.
- Side cutters
- #**346** is 6" long
- #**347** is 7" long
- #**348** is 8-1/2" long



LINEMAN'S PLIERS

- Ironworkers pliers. Designed for tying concrete reinforcing bars.
- 9" long



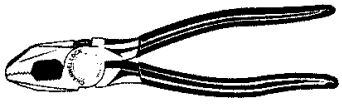
#349 LINEMAN'S PLIERS

- High leverage plier with side cutter
- 9" length



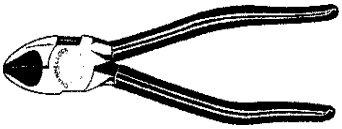
#369 LINEMAN'S PLIERS

- High leverage, with rounded nose.
- Side cutter.
- 9" length



#3047 LINEMAN'S PLIERS

- Bevel nose with side cutter.
- 7" length



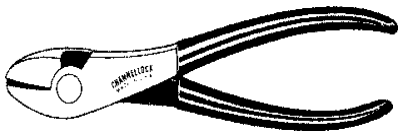
CUTTING PLIERS

- **#435** - 5" Box joint.
- **#436** - 6" Box joint.
- **#437** - 7" Box joint.



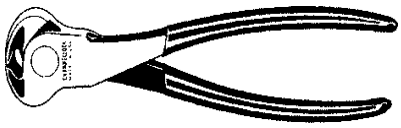
CUTTING PLIERS

- **#337** - 7" Lap joint.
- **#337W** - 7" Wiring plier. Cuts and strips insulation. Strips #14 & #12 wire.
- **#338** - 8" Lap joint.



#447 CUTTING PLIERS

- 7-3/4" Curved diagonal. Box joint.



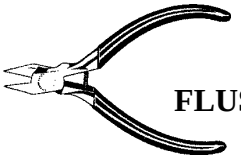
CUTTING PLIERS

- **#356** - 6" End cutter
- **#357** - 7" End cutter
- **#358** - 8" End cutter



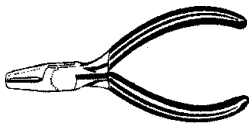
CUTTING PLIERS

- **#148-10** - 10" Nippers. For cutting large nails, small spikes and form tie wires.
- **#148-14** - 14" Nippers. (same as above)



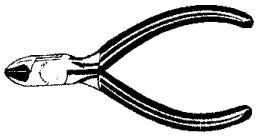
#40S FLUSH CUTTING PLIERS

- 4-1/4" sharp nosed diagonal, with coiled spring.



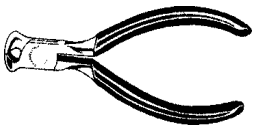
#48 END CUTTING PLIER

- 4-3/4" Transverse.



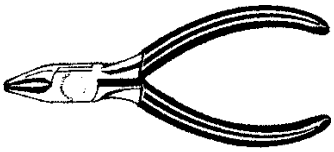
DIAGONAL CUTTER

- **#41** - 4-1/4"
- **#41S** - 4-1/4" with coil spring.



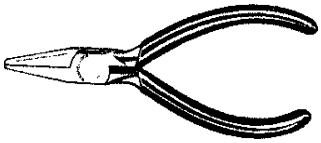
#42 END CUTTING NIPPER

- 4" length



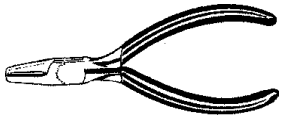
#45 ROUND NOSE PLIER

- 4-1/2" length



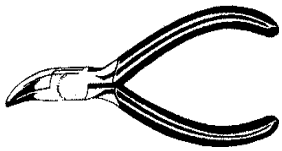
NEEDLE NOSE PLIERS

- **#43** - 4-3/4" plain nose with no side cutter
- **#43S** - 4-3/4" plain nose with no side cutter. Has coiled spring.
- **#44** - 4-3/4" Flat nose.



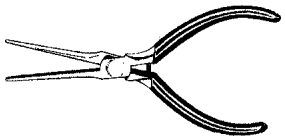
NEEDLE NOSE PLIERS with SIDE CUTTERS

- **#47** - 4-3/4" with nose serrations.
- **#43S** - 4-3/4" with nose serrations. Has coiled spring.



#49 CURVED NEEDLE NOSE PLIER

- 4-1/2" length



#50S CURVED NEEDLE NOSE PLIER

- 5-3/4" Extra long with coiled spring



#738 LONG REACH NEEDLE NOSE PLIER

- 7-1/2" length. Designed for electronics and electrial work.



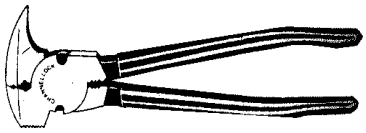
#728 LONG REACH DIAGONAL PLIER

- 7-1/2" length. Designed for electronics and electrial work.



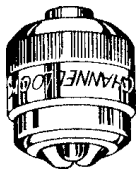
#748 LONG REACH PLIERS with END CUTTER

- Designed for use in confined areas.
- Ideal for Locksmiths or anyone who works in small, confined areas.



#85 FENCE TOOL

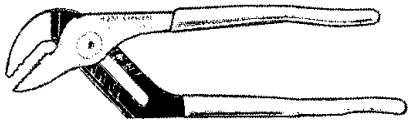
- 10-1/2" tool designed for installing and maintaining wire fence on metal or wood post.s Hammer on one jaw, staple starter and puller on the oter. Wire stretcher, splicer and two cutters.



ADJUSTABLE SOCKET

- Fits on a standard socket wrench, replacing individual sockets. Also works as a nutdriver.
- **#905** - 1/4" drive. Size ranges: 3/16" to 7/16".
- **#906** - 3/8" drive. Size ranges: 5/16" to 5/8".

CRESCENT TOOLS



TONGUE & GROOVE PLIERS

- Plastisol grips.
- Grips objects of many shapes.
- Straight jaw.

Item#	Size	Opening
R27CV	7"	1-1/8"
R210CV	10"	1-1/2"
R212CV	12"	2-3/8"



Cee Tee COMBINATION PLIERS

- Drop-forged pliers with plated finish.
- Knurled handles and wire cutter.
- **#H26V** - 6-1/2" L x 1" opening.
- **#H28V** - 8" L x 1" opening.



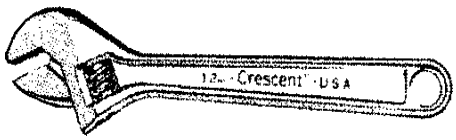
MOTOR KIT COMBINATION PLIERS

- Polished steel pliers with plated finish.
- Knurled handles and wire cutter.
- **#G26V** - 6-1/2" L x 1" opening
- **#G28V** - 11" L x 1" opening



THIN STRAIGHT NOSE COMBINATION PLIERS

- Polished steel pliers with plated finish.
- Knurled handles and wire cutter.
- **#L26V** - 6-3/4" L x 1" opening
- **#L28V** - 8-3/16" L x 1" opening



ADJUSTABLE WRENCHES

- Alloy steel construction, used by professional mechanics, industrial tradesmen and home mechanics.

Item#	Size	Opening
AC16V AT16V	6"	3/4"
AC18V AT18V	8"	15/16"
AC110V AT110V	10"	1-1/8"
AC112V AT112V	12"	1-5/16"

PLIERS & HANDTOOLS

CRESCENT TOOLS continued



#542-7CV
HEAVY DUTY DIAGONAL CUTTING PLIERS

- 7" tool designed for cutting heavy wire.



#942
DIAGONAL PLIERS

- Square joint design.
- #**5CV** is 5" long
- #**6CV** is 6" long



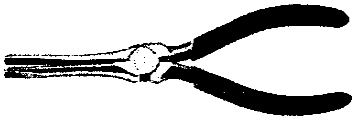
#50
LINEMAN'S PLIERS

- General purpose tool for electrical work.
- Side cutters.
- #**6CV** is 6-7/32" long
- #**8CV** is 8-5/16" long



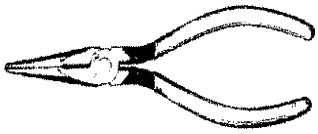
#72-7CV
END CUTTING NIPPERS

- 7-1/4" Length



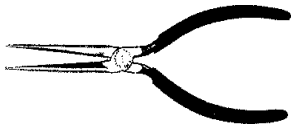
#23-7SC
DUCK BILL PLIER

- Long, thin, plain jaws that reach into narrow places.
- 7-1/4" length



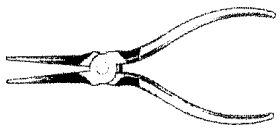
#654
LONG CHAIN NOSE PLIERS

- Fine serrated jaws with side cutters.
- 6-5/8" & 7-1/2" lengths



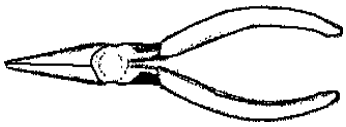
#666-6C
NEEDLE NOSE PLIERS

- 6" long - with extra thin, serrated jaws.
- 1/16" at extreme tip.



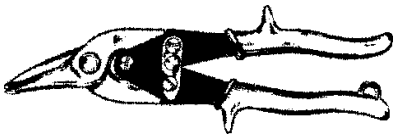
#777
LONG NEEDLE NOSE PLIERS

- **6CV** - 6-1/2" long
- **7CV** - 7-15/32" long
- **7SC** - 7-15/32" long w/coil spring.



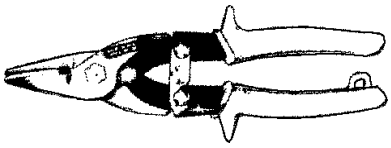
1033-6CV
LONG CHAIN NOSE PLIERS

- 6-5/8" tool designed for making loops and bends in wire. For radio, telephone and electronic work.
- Fine serrated jaws.



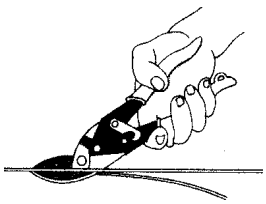
COMPOUND ACTION SNIPS

- Maximum capacity on low carbon cold rolled steel is 18 ga.
- **#M1R** - Red. Cuts left from tight curves to straight.
- **#M2R** - Green. Cuts right from tight curves to straight.
- **#M3R** - Yellow. Cuts straight (or wide curves left or right in light stock).



MPC-3
MULTI-PURPOSE SNIPS

- 9" tool used for screening, hardware cloth, light gauge sheet metal, synthetic shingles, tile gutters, downspouts and carpeting.
- 20 ga. maximum capacity on low carbon cold rolled steel.



OFFSET SNIPS

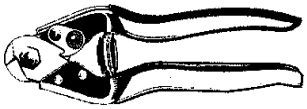
- Offset blades keep material away from hands.
- 18 ga. maximum capacity on low carbon cold rolled steel.
- **#M6R** - Red. Cuts straight or circles left.
- **#M7R** - Green. Cuts straight or circles right.



#56
NAIL PULLER

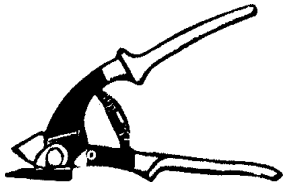
- 19" black enamel finish
- Forged alloy, hardened and tempered jaws.

H K PORTER TOOLS



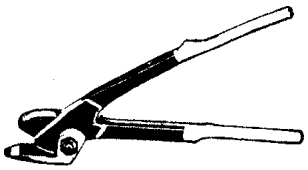
CABLE CUTTER

- **#0690TN** - 7-1/2" cutter for wire rope and cable. Designed for 3/16" diameter piano wire or aircraft cable.
- **#0690C** - 9" cutter for wire cable and light chain up to 3/16". Soft and medium hard metals up to 1/4".



#0990T
STEEL STRAP CUTTER

- 9" tool for straps up to 3/4" and tie wire up to 14ga.
- Jaws spring open automatically.



#1290G
STEEL STRAP CUTTER

- 12" high leverage strap cutter , for steel straps up to 1-1/4".

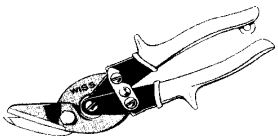


GENERAL PURPOSE CENTER CUT CUTTERS

- For cutting soft, medium or hard materials.
- Replacement jaws and cutterheads in stock.

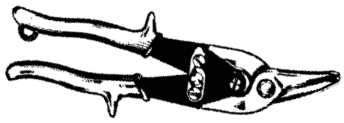
Item#	Length	Capacity	
		Soft	Hard
1490MC	14"	5/16"	3/16"
0090MC	18"	3/8"	1/4"
0190MC	24"	7/16"	5/16"
0290MC	30"	1/2"	3/8"
0390MC	36"	9/16"	7/16"
0590MC	42"	11/16"	1/2"

WISS TOOLS



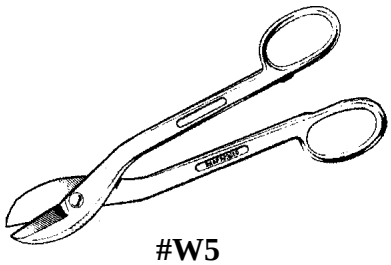
#M41R
PIPE / DUCT SNIPS

- 9-1/4" compound action snips used in the heating and air conditioning industry.
- Cuts straight, curves and any combination.
- Cuts 11/64" strip and curls it to the right.
- 20 ga. capacity in low carbon cold rolled steel.



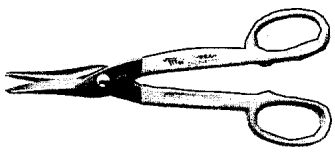
#M5R
BULLDOG SNIPS

- 9-1/4" compound action snips used for notching and trimming extra heavy stock.
- 16 ga. capacity in low carbon cold rolled steel.



#W5
BULLDOG SNIPS

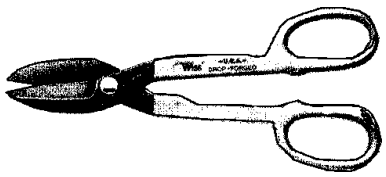
- 16-1/2" snips for notching, nibbling, and chopping heavy stock.
- 16 ga. maximum capacity in low carbon cold rolled steel.



DUCKBILL SNIPS

- Cuts straight or moderately tight curves to the left or right in light stock.

Item #	Length	Max ga.
A-13	7"	23 ga.
A-12	8-1/4"	23 ga.
A-11	9-3/4"	23 ga.



STRAIGHT PATTERN SNIPS

- Cuts straight or (wide curves in light stock)
- Used in plumbing, heating, air conditioning and roofing trades.

Item #	Length	Max ga.
A-13	7"	23 ga.
A-12	8-1/4"	23 ga.
A-11	9-3/4"	23 ga.
A-10	11"	21 ga.
A-9	12-1/2"	20 ga.

BERNZ-O-MATIC

SOLDERING & BRAZING TORCHES



#TS7000T
TRIGGER START TORCHES

- Regulated for cold weather use.
- Stainless steel burn tubes for compatibility with both MAPP and Propane gases.

SOLDERING & UTILITY TORCHES



#TS2000T
TRIGGER START TORCH

- Trigger start ignition
- Regulated for cold weather use.
- Adjustable flame control
- Stainless steel burntube.

BERNZ-O-MATIC continued

SOLDERING & UTILITY TORCHES (continued)



#PK1001KC
PLUMBER'S TORCH KIT

- Propane torch wih start igniters, stainless steel burntubes and tough ABS plastic torch cases.
- **Kit includes**: JT681 Pencil flame jet torch, 3oz of 100% lead free solder, 1oz water soluble flux, flux brush and 14.1oz propane cylinder.



#JT681
PENCIL FLAME JET TORCH

- Solid brass construction.
- Patented jet venturi air intake ensures proper air/fuel mixture.



#UL100
2pc PENCIL FLAME TORCH KIT

- Includes UL2317T torch & 14.1oz propane cylinder.



#UL2317T
PENCIL FLAME UTILITY TORCH

- Solid brass construction.
- General purpose utility flame, needle valve control and filtered orifice.

BUTANE TORCHES & ACCESSORIES

#ST1000TS
MICRO TORCH

- Butane powered torch for soldering, polyfoam cutting and heating. Ideal tool for craft and hobby.
- Refillable.





#HT100
HANDY TORCH

BERNZ-O-MATIC FUELS & ACCESSORIES



#TX9
14.1oz PROPANE GAS CYLINDER



#BF9
2.1oz BUTANE CYLINDER



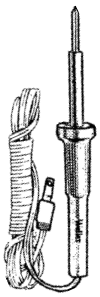
#TX405C
SPARK LIGHTER

WELLER



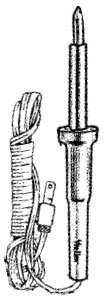
#SP12
MINI IRON

- 12 watt.
- 7" long. Lightweight pencil-thin iron, for fine soldering and hobby work.



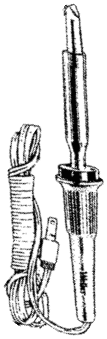
#SP23
25 WATT SOLDERING IRON

- Lightweight iron with pencil handle for hobbies, kits and radios.
- 1/8" tip develops 750 degrees F.



#SP40
40 WATT SOLDERING IRON

- Lightweight iron with pencil handle for hobbies and electronic work.
- 1/4" tip develops 900 degrees F.



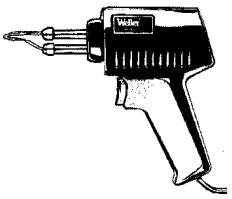
#SP80
80 WATT SOLDERING IRON

- Medium duty pencil iron for hobby, stained glass and minor repairs.
- 3/8" tip develops 900 degrees F.



#SP120
120 WATT HEAVY DUTY SOLDERING IRON

- 11-3/8" long. 1/2" dia. iron plated tip. Develops 900 degrees F.
- For the shop, home, stained glass and other hobbies.



#7200PK SOLDERING GUN KIT

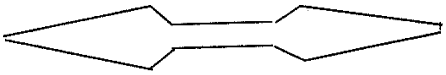
- 75 watt lightweight kit.
- Comes in plastic case with a coil of 40/60 rosin core solder, 2 soldering tips and instructions.



SOLDERING GUN KITS

- **#8200PK** - 100/140 watts. Kit includes gun, 1 soldering tip, 1 sealing tip, 1 cutting tip, flux brush, soldering aid tool, coil of 40/60 rosin core solder: all in plastic case.
- **#D550PK** - 200/260 watts. Kit includes gun, 1 tin plated heavy copper tip, 1 sealing tip, 1 cutting tip, flux brush, soldering aid tool, coil of 40/60 rosin core solder; all in plastic case.

NICHOLSON FILES



#00258 AUGER BIT FILE

- 7" file designed to restore cutting edges to bits.



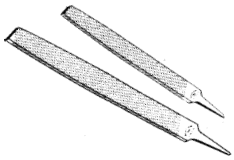
WOOD RASPS

- **#19136** - 10" flat bastard.
- **#19427** - 10" half round bastard.
- **#19875** - 10" round bastard.

CHAIN SAW FILES

- A round, smooth file engineered and designed for sharpening chain saw blades.
- **SIZES:** 3/16" x 8"; 7/32" x 8", 5/32" x 6"





FLAT FILES

- Used for rapid removal of metal. They are rectangular in cross section and taper slightly towards the point in width. Double-cut on both sides, single cut on both edges.

FLAT BASTARD FILES

- Coarse cut for very rapid material removal.
- Lengths: 4", 6", 8", 10", 12" & 14"

FLAT SECOND CUT FILES

- Medium cut semi-smooth material removal.
- Lengths: 8", 10" & 12"

FLAT SMOOTH FILES

- Fine cut for finish filing.
- Lengths: 4", 6", 8", 10" & 12"

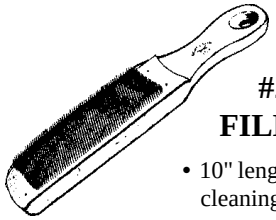


HAND FILES

- Hand files are similar to regular flat files. They are double cut but one edge is uncut (safe).
- Hand bastards in: 6", 8", 10" &12".

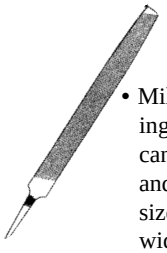
8" HANDY FILE

- General purpose combination file. Single cut on one side for sharpening edged tools and smoothing metal surfaces. Double cut on the other side for rapid removal of metal. One edge is uncut (safe).
- Steel handle has a bored hang-up hole
- 8" length does not include handle.



#21458 FILE CARD

- 10" length - For general cleaning of file teeth.



MILL FILES

- Mill files are used for sharpening mill or circular saws. They can also be used for draw-filing and for finishing metals. All sizes are tapered slightly in width. Two square edges. Single cut on sides and edges.

MILL BASTARD FILES

- Coarse cut for very rapid material removal.
- Lengths: 4", 6", 8", 10", 12", 14" & 16"

MILL SECOND CUT FILES

- Medium cut semi-smooth material removal.
- Lengths: 8", 10" & 12"

MILL SMOOTH FILES

- Fine cut for finish filing.
- Lengths: 4", 6", 8", 10", 12" & 14"



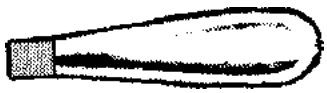
SQUARE FILES

- Used for filing slots, keyways and general surface filing. Tapered slightly towards the point. Double-cut.
- Sqr bastard cut in: 4", 6", 8", 10", 12" & 14"



10" MAGICUT FILE

- A machinist's all purpose file, which removes stock rapidly and leaves a smooth finish at the same time.
- Has a unique pattern of narrow chip breakers created by steep and angled serrations.



METAL FERRULED FILE HANDLES

- Stocked in sizes to fit files from 4" to 14".
- White Birch with nickel plated ferrules.
- Shellac finish.

NICHOLSON FILES continued



ROUND FILES

- Used to file circular openings or concave surfaces. Tapered slightly towards point.
- All files are single cut, except 14" which is double cut.

ROUND BASTARD FILES

- Coarse cut for very rapid material removal.
- Lengths: 4", 6", 8", 10", 12" & 14"

ROUND SECOND CUT FILES

- Medium cut semi-smooth material removal.
- Lengths: 8", 10" & 12"

ROUND SMOOTH FILES

- Fine cut for finish filing.
- Lengths: 6", 8", 10", & 12"

HALF ROUND FILES

- Rounded on one side, flat on the other.
- Single Cut: backs of all smooth cuts.
- Double Cut: backs of all bastard cuts. All flat sides.

HALF ROUND BASTARD FILES

- Coarse cut for very rapid material removal.
- Lengths: 4", 6", 8", 10", 12" & 14"

HALF ROUND SMOOTH FILES

- Fine cut for finish filing.
- Lengths: 6", 8", 10", & 12"



TAPER FILES

- Triangle saw files are made for filing all types of saws with 60 degree angle teeth.
- Single cut.
- Can also be used for filing in corners.

SLIM TAPER FILES

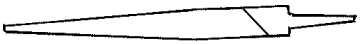
- Coarse cut for very rapid material removal.
- Lengths: 4", 6", 8", 10", 12" & 14"

EXTRA SLIM TAPER FILES

- Medium cut semi-smooth material removal.
- Lengths: 8", 10" & 12"

DOUBLE EXTRA SLIM TAPER FILES

- Fine cut for finish filing.
- Lengths: 4", 6", 8", 10" & 12"



WARDING FILES

- Used principally by locksmiths in repairing or filing ward notches in keys. Will also work in narrow spaces where other files will not fit.

WARDING BASTARD FILES

- Coarse cut for very rapid material removal.
- Lengths: 4", 6", 8" & 10", 12" & 14"

WARDING SECOND CUT FILES

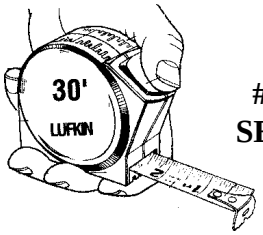
- Medium cut semi-smooth material removal.
- Lengths: 4" & 6"



4-IN-HAND

- A half round file with a file section and a rasp section on both the flat side and on the 1/2 round side.
- Lengths: 8" & 10"

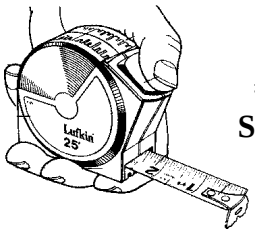
LUFKIN



#1000 SERIES

- Black high-impact plastic housing with bright orange trim.
- Over 7' blade standout.
- Toggle lock button positioned ideally for locking with thumb.
- Reinforced end hook with shock-absorbing bumper.
- **SIZES:**

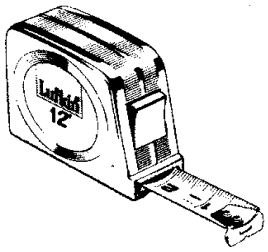
#1312 - 3/4" x 12' **#1316** - 3/4" x 16'
#1325 - 3/4" x 25' **#1425** - 1" x 25'
#1430 - 1" x 30'



#2000 SERIES

- Hi-impact plastic case with a bright chrome-like finish.
- Features included are like those of the 1000 series.
- **SIZES:**

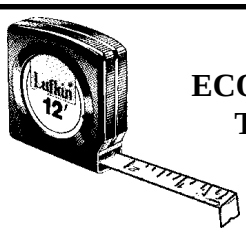
#2316 - 3/4" x 16' **#2325** - 3/4" x 25'
#2125 - 1" x 25' **#1430** - 1" x 30'



HIGH VISIBILITY POWER TAPES

- Bright orange case, for easy location in tool box or on job site.
- **SIZES:**

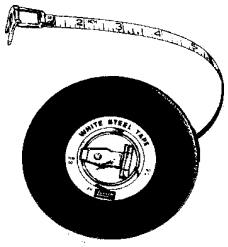
#HV-116: 1" x 16'
#HV-125: 1" x 25'



ECONOMY TAPE

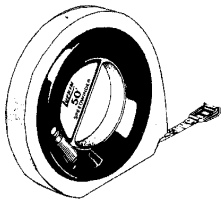
- Yellow clad. Lightweight. High impact, basket.
- **SIZES:**

  #Y826 - 1/2" x 6'
  #Y8212 - 1/2" x 12'
  #W616 - Pee Wee - 1/4" x 6' Pocket size



LONG TAPES

- Yellow clad. Vinyl covered steel case.
- Fitted with a folding hook ring.
- **SIZES:** **#HW50** - 3/8" x 50'
  #HW100 - 3/8" x 100'



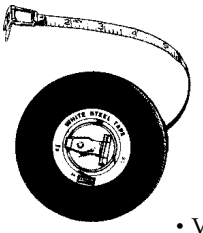
#HYT50 SPEEDWINDER 50'

- 3/8" wide blade, protected by abrasive resistant coating. Hi-impact plastic housing.
- Design permits faster rewinding than standard steel long tapes.



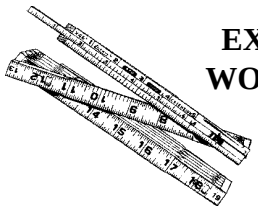
LONG TAPES LIGHTWEIGHT

- Yellow clad. Hi-impact polystyrene case.
- **#50** - 3/8" x 50'
- **#100** - 3/8" x 100'



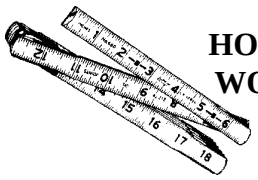
LONG TAPES PROFESSIONAL TRADESMAN QUALITY

- Vinyl covered steel case.
- Nylon rollers guide tape.
- Fitted with folding hook ring.
- **SIZES:** **#HW223** - 3/8" x 50'
  #HW226 - 3/8" x 100'



EXTENSION WOOD RULES

- Graduated metal slide extends to full 6 inches in 1/16" graduations.
- **#X46** - 5/8" X 6'
- **#X46X** - 5/8" x 6'. Has 6" extension slides on both ends. No matter how the rule is unfolded, an extension is ready for use on first section.
- **#HX46** - 5/8" X 6". Has sturdy folding brass plated hook. Zero falls at inside of hook.
- **#X46F** - 5/8" x 6". Has flat, inside markings. Numbering begins on inside of rule. Measurement lies close to the work.

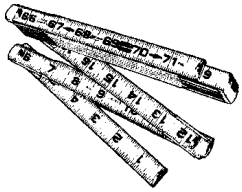


#460 HOME / SHOP WOOD RULE

- 1/16th inch graduations. 5/8" x 6'.
- Regular markings. Numbering is on outside of rule.

#966 TWO WAY WOOD RULE

- For measuring left to right and right to left.
- Flat, inside markings lie close to work. Marked both sides in feet, inches and 1/16ths.
- 5/8" x 6'



FOLDING RULES

- 1/16th graduations on both sides.
- **#066** - 5/8" x 6'. Outside reading.
- **#066F** - 5/8" x 6'. Has inside markings.
- **#068F** - 3/8" x 8'. Outside reading.

ENGINEERS WOOD RULE

- Graduated in feet, 1/10ths and 1/100ths feet.
- Regular outside markings in feet, inches and 1/16ths.
- **#066D** - 5/8" x 6'. Standard Duty.
- **#1066D** - 3/8" x 6'. Heavy Duty.

#636 BRICK MASON'S WOOD RULE

- Used for spacing brick courses. 5/8" x 6'.
- Regular outside marking in black, vertical, consecutive inches to 1/16ths, both edges.
- Brick masons scale on inside - red course counters numbered consecutively.

#646 MODULAR SPACING WOOD RULE

- Designed for masonry work. 5/8" x 6'.
- The inside is marked with 6 scales in a 16" module. Scales include mortar space.
- The outside of the rule is graduated on both edges consectutive inches to 16ths.

GET IT QUICK!

WE HAVE IT BEFORE YOU NEED IT!

LAYOUT TOOLS

METER-MAN



#1212 MEASURING WHEEL

- This 4 inch diameter wheel is ideal for indoor measuring on smooth, hard surfaces. So compact it can fit in a briefcase.
- Measures in feet & inches. 4-digit counter.
- Suggested users include painters, decorators, realtors, claims adjusters, law enforcement and mall walkers.



#3112 MEASURING WHEEL

- Suggested users include Green industries, insurance agents, contractos, estimators, health clubs, coaches, archers, plumbers, electricians and target shooting.
- This 10 inch diameter wheel is large enough for smooth ground applications yet small enough for indoor use and convenient storage.
- Has a 5-digit counter for long distance measuring. (feet & inches)
- Equipped with a kickstand.

#4512 MEASURING WHEEL

- Suggested users include paving contractors, cement contractors, landscapers, outdoor contractors, irrigation, fencing, and surveyors
- This 14.3 inch diameter wheel offers the portability of smaller wheels while offering the versatility of the larger wheels.
- Wheel is equipped with a kickstand to allow for hands-free measurement recording.
- Has a 5-digit counter for long distance measuring. (feet & inches)



#MM12 MEASURING WHEEL with PAINT MARKING SYSTEM

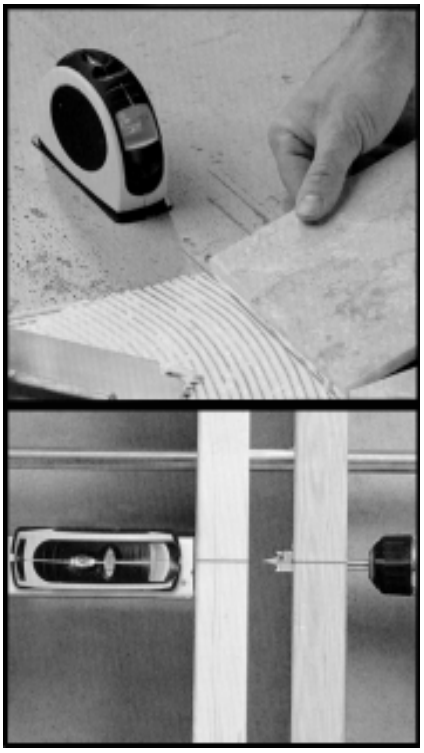
- Dual 6" diameter wheels provide excelent stability.
- Measures in feet and inches on the mechanical 5 digit counter.
- A handle located trigger conveniently activates the inverted aerosol paint can to mark distance or location.
- Suggested users include contractors of all kinds, parking lot stripers or anyone who needs to first measure and then mark a location for future reference.
- Backed by a full lifetime warranty.



#EW45 ELECTRONIC MEASURING WHEELS

- The electronic counters add a new level of performance and versatility to the wheel.
- The easy to read LCD display shows distances in feet or meters with the push of a button. Dual counters measure total distance or segments.
- The LCD displays six digits--four whole numbers and two decimal places. All functions and displays are clearly labeled and easy to read.
- The two counters operate in either forward or reverse, adding or subtracting accumulated distances.
- Contains a long-life 3-volt lithium battery in a well protected case. Battery life is approximately 1-year.
- 14.5 inch wheel diameter

AMERICAN TOOL



#64001 STRAIT-LINE® LASER LINE GENERATOR

- This unique tool casts a line on any surface without leaving a mark. The laser "guide" line will save time working on many different jobs and applications. The specially designed laser lens allows the "line" to skip over wall imperfections, small moldings and uneven surfaces. Self-retracting pushpins allow the user to secure laser to walls and align objects single-handed. Dual leveling vials ensure correct alignment.
- Projects a 30+ foot visible laser guide line on virtually any surface.
- Laser will not harm finished environments.
- Nylon reinforced case withstands use on building sites and other tough places.
- Uses 2-AA batteries (not included)

M-D

SMARTTOOL™



- This level digitally displays degrees, percent slope and pitch to 1/10 degree accuracy.
- Keeps its accuracy for years with push button calibration.
- Features audio sound at level and plumb.
- Includes standard 9-volt battery.

#92288 - Sensor module in a 60cm rail (24")
#92296 - Sensor module in a 120cm rail (48")

#92353 SMARTDOT™ TORPEDO LASER



- An indoor use laser with a unique design.
- Standard camera tripod mount and magnetic base makes this a versatile tool.
- Has a 670nm diode and 45 min level vial.

#26286 AMERICANLEVEL® HANDCRAFTED MASON'S I-BEAM



- Durable aluminum I-beam with straight-grain mahogany inserts.
- Vials are hand set and hand marked for high accuracy and precision.
- Rubber endcaps protect against drops and shocks includes Lifetime Warranty.
- 48" long with 6 vials.

#26633 AMERICANLEVEL® MASON'S LEVEL



- Basic value-priced mason's level.
- 24" long with 6 vials.

#26203 HANDCRAFTED AMERICAN MASON'S LEVEL



- Straight-grain mahogany specially cured to assure straightness.
- Stands up to mortar and rough use.
- Vials are hand set and hand marked for high accuracy and precision. Brass endcaps are reinforced and bite into wood. Lifetime warranty included.
- 48" long with 6 vials.

CARPENTRY & CONSTRUCTION MAGNETIC LEVELS



- The origianl "red level" updated for greater durability and ease of use.
- Heaviest guage aluminum I-beam. Impact resistant double vials and vial covers of long life.
- Endcaps help protect tool against drops and shocks. Fixed vials are hand set to each working edge.
- Features an extra strong magnet on the full length of one working edge.
- Lifetime Warranty included.

#63420 - 24" long with 6 vials.
#63438 - 48" long with 6 vials.

CARPENTRY & CONSTRUCTION LEVELS



- Similar to the Carpentry & Construction Magnetic levels but without the magnetic edge.
- Heaviest gauge I-beam. Impact resistant vials and vial covers for durabilty and long life.
- Endcaps help protect tool against drops and shocks.
- Fixed vials are hand set to each working edge.
- Lifetime warranty included.

#63370 - 24" long with 4 vials.
#63388 - 48" long with 6 vials.



SMARTTOOL™/AMERICAN LEVEL CASES

- Padded to protect. Adjustable shoulder strap.
- Yellow & black.
- **#92908** - 24" Padded vinyl case.
- **#92924** - 48" Padded vinyl case.



AMERICAN LEVEL CASE

- #**93005** - 48" Hard poly case.

STABILA

TYPE 187 LEVEL



- Frame will not twist or warp.
- Certified level accuracy; top read position: 1/32" over 72".
- Spring steel hairline indicators in patented, epoxy-locked vials.
- Removable endcaps for flush measuring in corners.
- Patented red pads on endcaps grip walls and flat surfaces.
- Level accuracy guaranteed for life; vials will never fog, leak or require adjustment.

#24640 - 24" long **#24650** - 32" long
#24670 - 48" long **#24688** - 78" long

TYPE 87M LEVEL



- Features are similar to the Type 187 Levels only strong, segmented magnets are recessed and allow for hands-free work.
- **#27060** - 24" long
  #27020 - 48" long
  #27040 - 78" long

#37632 - 78" long plus 32" Magnetic Jamber Set-Allows level to fill the 80" jamb legs. The 32" level sets 2/8 and 3/0 headers and sills.

STABILA continued



#21990
TYPE 70T LEVEL

- Patented, epoxy-locked vial system never needs adjusting.
- Box frame construction will not warp or twist.
- Fits into tool pouches, tool boxes or pockets.
- Top read postition: 1/16" over 72".
- Removable endcaps for flush measuring.
- Level accuracy guaranteed for life.
- Length: 10"



#21999
TYPE 70TMW TORPEDO

- Reads plumb, level, and 360 degrees.
- Protracto vial (tolerance +/- .5 deg) duplicates angles in percent or degrees.
- Protractor vial reads in 2 deg. increments.
- Full-length magnetic strip recessed in the measuring surface.
- Level accuracy guaranteed for life.
- Length: 10"



#25100
TYPE 81SM TORPEDO

- Heavy-duty, die-cast frame is virtually indestructible.
- Top read postion: 1/32" over 72"
- Strong magnets allow you to work hands-free.
- Patented, epoxy-locked vials never need adjusting.
- Level accuracy guaranteed for life.
- Length: 10"



#02123
TYPE 80LMX-P+L LASER SYSTEM with Horizontal Dot

- Solid metal leveling base allows 360 deg rotation with a single set-up. Two-screw adjustment system calibrates laser. Strong magnet holds laser on base and to steel pipes, beams, etc. Base & laser can be mounted to tripod with a 5/8-11 connection.
- Bright 635nm laser transfer leveling heights 360 degrees. The split-beam prism generates the horizontal and vertical dot at the same time. Use the prism to lay out square, create a vertical reference plane or extend layout lines 360 degrees. Accuracy tolerance is +/- 1/4" at 100' radius.
- Can be used indoors and outdoors. Integrated sight system with target plate locates the laser dot outdoors or at long range.
- Kit includes: Laser Level with dot and patented sight system, solid steel leveling base, beam-splitting prism, target plate, folding ruler/grade stick, laser glasses, hard shell carrying case, 2xAAA batteries and instruction manual.



#05100
TYPE LAR SELF-LEVELING ROTATING LASER SYSTEM with Remote Control

- Push a button, and precise horizontal and vertical planes are established. Sensor blinks and rotating stops with +/- 4 degrees self-leveling range has been exceeded.
- Accuracy tolerance of +/- 1/4" over 100' radius.
- Verticals, horizontals, diagonals and plumb point up. Use the integrated adjustment knob to switch from the horiz. planes to the vert. plane. Remove the prism for self-leveling plumb-up function.
- Remote control allows one-person operation. Move laser with the remote while you stand next to the target. Remote control range is 160' indoors and 65' to 160' outdoors.
- Receiver allows you to locate the level line outdoors, up to 250'. Laser bdy, receiver and remote control are rain-resistant.
- Kit includes: Self-leveling rotating laser, remote control, receiver, receiver holder, wall bracket, laser glasses, 3xD cell batteries, 5/8-11 mounting stud and carrying case.

#03100
TYPE LA-P+L SELF-LEVELING COMPACT LASER SYSTEM



- Shoots horizontal dot or vertical line onto the wall and ceiling with 5 degrees self-leveling range; beam blinks if exceeded. Leveling time is less than 5 seconds.
- Horizontal dot accuracy tolerance of +/- 5/16" at 100'.
- Bright 635nm Class II laser, water-resistant. Integrated outdoor sight system.
- Weighs less than a pound. Kit box fits under seat of pick-up truck.
- Has beam-splitting prism (projects horizontal and vertical beams at the same time)
- Kit includes: Laser with outdoor sight system, 3xAA cell batteries, split-beam prism, laser glasses, target plate, folding ruler/grade stick, 5/8-11 tripod adapter and hard shell carrying case.



#20-045 FATMAX™ SAW

- +15% thicker blade for straighter cuts and to reduce binding. Induction hardened teeth stay sharp 3-5 times longer than std teeth.
- Slip-resistant grip for extended use.
- For cutting various wood types & plastics.
- 9 pts per inch; 15" blade length



SHARPTOOTH™ SAW

- Aggressive 3-sided tood design cuts wood 50% faster than conventional handsaws.
- Induction hardened teeth, hardwood handle.
- Also ideal for cutting plastic pipe.

#15-087 - 9pts/inch & 20" blade length
#15-088 - 12pts/inch & 20" blade length
#20-065 - 12pts/inch & 26" blade length



SHARPTOOTH™ TOOL BOX SAW

- Aggressive 3-sided tood design cuts wood 50% faster than conventional handsaws.
- Induction hardened teeth, handle allows for back of saw blade to be used for marking 45 and 90 degree angles.
- Overall length: 18"
- Also ideal for cutting plastic pipe.

#15-085 - 9pts/inch & 15" blade length
#15-086 - 12pts/inch & 15" blade length



GENERAL PURPOSE PANEL SAW

- For general houshold use.
- Machined set teeth.
- High carbon steel blade.
- 8pts/inch & 26" blade length.



#15-025 SHARPTOOTH™ DRYWALL SAW

- 3-sided tool design makes fast, smooth cuts in drywall.
- Induction-hardened teeth.
- Hardwood handle for durability and comfort.
- 9 pts per inch; 15" blade length



#15-212 WOOD HANDLE COMPASS SAW

- For cutting out curved shapes in wood, plasterboard or plywood.
- High grade tempered steel blades.
- Teeth precision set and sharpened for fast and smooth cutting.
- 8 pts per inch; 12" blade length



#20-556 FATMAX™ JABSAW

- Cuts on both push and pull strokes.
- Sharpened tip can easily cut punches through drywall. Blades are hardened and tempered.
- Cuts through wood, plastic and drywall. Non-slip comfort grip.
- 6" blade length



#15-206 WALLBOARD SAW

- Self-starting point sharpened for plunge cuts.
- Blade is epoxy-bonded and ferruled to the stained wood handle, which holds the blade as much as three times longer than competitive blades which are not epoxy bonded.
- 6" blade length



RUBBER GRIP HACKSAW

- Rigid steel frame with modled cushion grip.
- D-shape guard protects hand and knuckles.
- Adjustable frame.

#15-265 - 3-7/8" throat depth; 10" blade length.
#15-170 - 3-7/8" throat depth; 10" blade length with Pistol Grip.



COPING SAWS & SAWBLADES

- Hardwood handle. Blade is high grade carbon steel-hardened and tempered to give clean, controllable cutting action.

Coping Saws only:
#15-104 - 6-3/8" length; 4-3/4" frame depth
#15-106 - 6-3/8" length; 6-3/4" frame depth

Coping Saw carded with 3 blades:
#15-104A - 6-3/8" length; 4-3/4" frame depth
#15-106A - 6-3/8" length; 6-3/4" frame depth



COPING SAW BLADES

- Stanley's Trojan brand coping saw blades.

#15-057 - 6-1/2" length x 20tpi (extra narrow)
#15-058 - 6-1/2" length x 10tpi
#15-059 - 6-1/2" length x 20tpi
#15-061 - 6-1/2" length x 15tpi



#15-090 NEST-OF-SAWS

- Three versatile, interchange-able blades in a comfortable molded handle.
- Perfect for curves, circles and trim work.
- Includes a fast-cutting 12" Short Cut brand finishing blade which can be used to cut molding, PVC pipe, etc.

CUTTING TOOLS



#15-275
4-WAY™
KEYHOLE SAW

- Positioning cuts curves, circles and frets into places where an ordinary hacksaw cannot reach.
- Cuts wood, nails, metal lath, composition board, BX cable, conduit, etc.
- Lightweight pistol grip handle fits hand.
- Complete with one wood cutting blade and one metal cutting blade.

EXTRA BLADES (2per card)

#15-276 - Wood Blades - 7-1/2" blade length
#15-277 - Metal Blades - 7-1/2" blade length



#12-101
SMALL TRIMMING PLANE

- Small, light plane, handy for modeling, sculpture and other misc.
- Nickel plated black finish bottom.
- 3-/12" length, 1" cutter width.



#12-951
SPOKESHAVE

- Ideal tool for shaping chairlegs and seats, curved templates and other kinds of curved work.
- Fully adjustable cutters for depth of cut and evenness of shaving thickness and are replaceable.
- Comes with a vinyl pouch for storage.
- 10" length, 2-1/8" cutter width.



BENCH PLANES

- Grey cast iron base with side and bottom precision ground.
- Epoxy coating, harded tempered and precision ground tool steel cutter for cutting edge durability.
- Frog seat is machined for precise mouth adjustment.
- Solid brass cutter adjustment knob. Quick release cam-lock. Kidney shaped hole in lever cap prevents accidental slippage of cutter.
- Contoured and polished high impact polymer handles and knobs.

#12-904 - 9-3/4" length, 2" cutter width, Smooth plane type
#12-905 - 14" length, 2" cutter width, Jack plane type
#12-906 - 18" length, 2-3/8" cutter width, Fore plane type



BENCH PLANES

- Grey cast iron base with epoxy coating. Hardened and tempered tool steel cutter which is fully adjustable for depth of cut and alignment.
- Quick release cam-lock for easy blade remove. Plymer handles & knobs.

#12-204 - 9-3/4" length, 2" cutter width, Smooth plane type.
#12-204N - 9-3/4" length, 2" cutter width, Smooth plane type (Display Pack)
#12-404 - 9-3/4" length, 2" cutter width, Adjustable plane type.
#12-205 - 14" length, 2" cutter width, Jack plane type.



BLOCK PLANES

- Grey cast iron base with side and bottom precision ground.
- Epoxy coating, harded tempered and precision ground tool steel cutter for cutting edge durability.
- Precise shaving control provided by exact depth and lateral cutter adjustment.
- Quick release cam-lock. Machined finger grips in sides provide easy single-handed use.

#12-920 - 6-1/4" length, 1-5/8" cutter width, Fully adjustable block plane type. Cutter rests at 21 degree angle.
#12-960 - 6" length, 1-3/8" cutter width, Low angle block plane type. Cutter rests at 13-1/2 degree low angle.



12-220



12-247

BLOCK PLANES

- Grey cast iron base with bottoms machined smooth and true. Has epoxy coating.
- Cast in finger rest at front for comfort. Hardened and tempered tool steel cutter. Cutter rests at a 21 degree angle.
- Cutter is adjusted for thickness and evenness of shavings by loosening the clamp wheel and manually adjusting cutter.

#12-253 - 6" length, 1-5/8" cutter width, Manual adjust block plane type.
#12-247 - 6-5/8" length, 1-5/8" cutter width, Adjustable block planetype
#12-252 - 7" length, 1-5/8" cutter width, Fully adjustable block plane type.
#12-220 - 7" length, 1-5/8" cutter width, Block plane type.
#12-220N - 7" length, 1-5/8" cutter width, Block plane type. (Display Pack)



REPLACMENT PLANE IRONS & CUTTERS

- Hardened and tempered high carbon chrome steel with excellent edge retention characteristics and allows a razor sharp edge to be honed.
- These irons have a ground flat surfaces and are supplied with an accurate ground edge of 25 degrees. We recommend an additional honed angle of 30 degrees before use using a fine sharpening stone and honing guide (14-050).

#12-313 - Bench plane blade, 2" cutter width (Plane/Iron: 12-904, 12-905, 12-204, 12-205)

#12-508 - Block plane blade, 1-3/8" cutter W. (Plane/Iron: 12-920, 12-253, 12-247, 12-252 & 12-220)

#12-504 - Block plane blade, 1-5/8" cutter W. (Plane/Iron: 12-960)

#12-331 - Block plane blade, 1-5/8" cutter W. (Plane/Iron: 12-920, 12-253, 12-247, 12-252, & 12-220 {prior to "G" series, CIRCA '83})

#12-331 - Block plane blade, 1-3/8" cutter W. (Plane/Iron: 12-960 {prior to "G" series, CIRCA '83})



#14-120 GLASS CUTTER

- Die cast handle has wide contoured comfort grip and ball end for tapping.
- Steel wheel with general purpose cutting angel delivers precise scoring, clean breakout, and smooth edges.
- 5-1/8" length



#10-099 CLASSIC 99® RETRACTABLE UTILITY KNIFE

- Interlocking nose to hold blade securely.
- Multi-position blade slide. Blades store in handle.
- Knife is 6 inches long and includes 3-heavy duty utility blades (11-921).



#10-788 INSTANT CHANGE™ UTILITY KNIFE

- Push-button, quck blade change-no tools required.
- Cast metal core and bi-material soft panels for better grip. Curved handle. Swing out blade storage. Integrated string cutting feature. Large hang hole. Retractable slide.
- Knife is 6-1/2" long and includes 3-heavy duty utility blades (11-921).



#10-801 SPORT UTILITY™ KNIFE

- 3" stainless steel, fixed lock-back "sport" blade.
- Retractable utility blade at opposite end allows for convenience when cutting applications change. Rubber panels provide a non-slip grip. Patented interlocking nose prevents knife halves from spreading.
- Knife is 6-5/8" long and includes 1-heavy duty utility blades (11-921).



#10-799 FATMAX™ SWIVEL-LOCK® FIXED BLADE UTILITY KNIFE

- Swivels open for quick blade change - no tools required.
- Cast metal core, bi-material DynaGrip® soft panels. Curved handle, thumb dial locks blade. Magnet in nose to hold blade when changing. Store blades in handle.
- Knife is 7" long and includes 3-heavy duty utility blades.



#10-209 CLASSIC 199® FIXED BLADE UTILITY KNIFE

- Positive fixed blade retention for heavy-duty cutting. Extra heavy duty cast metal textured handle.
- Top and bottom overlap nose. Accepts all Stanley utility knife replacement blades including the 11-931 Extra Heavy Duty blade.
- Knife is 5-1/2" long and includes 3-heavy duty utility blades.



#10-519 FIXED BLADE SCORING KNIFE

- Designed for scoring clean, true breaks in Formica brand laminate and other heavy laminated materials as well as Plexiglas.
- Extra long, heavy duty blade provides good visibility for use with a straight edge.
- Knife is 5-1/2" long and includes 1-heavy duty scoring blades (11-942).



#10-525 RETRACTABLE CARPET KNIFE

- Retractable blade for controlling depth of cut.
- Angled handle design provides easy access to hard-to-reach places.
- Knife is 6-1/2" long and includes 3-carpet knife blades in handle.

CUTTING TOOLS



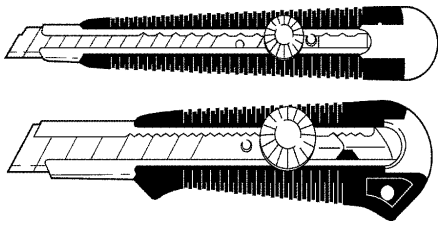
#10-509
LINOLEUM FLOORING KNIFE

- For cutting and trimming vinyl or linoleum floor covering, roofing and similar material.
- Taper ground cutlery steel blade permanently fastened to comfortable hardwood handle.
- Knife is 4-1/2" long.



#10-095
9MM EXTRA HEAVY DUTY KNIFE

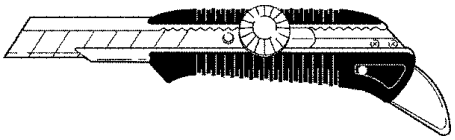
- Die cast metal body for durability. The blade slide automatically locks into cutting position.
- Clamping dial and interlocking nose locks the blade into position.
- Knife is 7-1/4" long and is supplied with 1-11-300 (equals 13 points).



9MM AND 18MM KNIFES WITH DYNAGRIP®

- Metal and high impact polymer construction for durability. Blade sections snap-off providing the user with fresh, sharp cutting points. Removable blade snapper included in cap of knife.
- Rigid stainless steel barrel is corrosion resistant. Metal blade slide for positive blade positioning. Pocket clip included on 9mm and both are supplied with 1-Quick-Point™ blade.

#10-409 - 9MM knife is 5-3/8" long.
#10-418 - 18MM knife is 6" long.



#10-220
18MM DECORATOR'S KNIFE WITH DYNAGRIP®

- Versatile cutting tool with additional creasing blade for wallpaper. Also great for tucking carpet or opening cans.
- Rigid stainless steel barrel enables a long cutting edge and a smoth slide action. Safety screw clamp secures blade in position.
- Knife is 7-3/8" long and is supplied with one 11-301 Heavy Duty blade (equals 8 points).



9MM AND 18MM QUICK-POINT™ KNIVES

- Retractable knife with snap-off blades. For light duty cutting and trimming. Removeable blade snapper included in cap of knife.
- Supplied with one Quick-Point blade on the 9mm.

#10-150 - Knife is 5-1/8" long.
#10-151 - Knife is 6-1/2" long.



#10-049
POCKET KNIVES

- Epoxy powder coated handle. Safety blade lock.
- Replaceable stainless steel blade. Blade rotates easily into handle for safe storage.
- Knife is 4-1/4" long.



MITEY-KNIFE®
KEY CHAIN POCKET KNIFE

- Reinforced plastic body weighs less than 1oz.
- Retractable blade with two cutting positions. Two blades and a key chain are included.
- Knife is 3-1/2" long and comes in black, green or yellow colors.



#10-109A
RETRACTABLE SLIMKNIFE® MULTI-PURPOSE KNIFE

- Multi-purpose knife for a variety of hobby and craft blades.
- Slip, lightweight handle is shaped for a comportable grip and provides extra blade storage.
- Knife is 6" long and comes with 3 blades (11-111, 11-113, & 11-114 blades).

REPLACEMENT BLADES



1996™ HOOK BLADE

#11-961 2-1/16" long .024 thick 5/card
#11-961A 2-1/16" long .024 thick 100/disp.



SCORING KNIFE BLADE

#11-942 3-5/32" long .035 thick 1/card



LINOLEUM BLADE

#11-980 3-3/32" long .025 thick 1/card



CARPET KNIFE BLADE

#11-525 2-1/4" long .015 thick 5/card



9MM QUICK-POINT® BLADE

#11-300 3-1/2" long .017 thick 3/card
#11-300A 3-1/2" long .017 thick 10pk/disp.



MITEY-KNIFE® BLADE

#11-031 1-1/8" long .017 thick 3/card

REPLACEMENT BLADES FOR 10-049 POCKET KNIFE



SHEEPFOOT BLADE

For heavy cutting and carving.

#11-040 2-9/16" long .040 thick 1/card



UTILITY BLADE

Designed for most any cutting job.

#11-041 2-9/16" long .040 thick 1/card



WHITTLING CRAFT BLADE

#11-111 2-3/8" long .024 thick 3/card
#11-111A 2-3/8" long .024 thick 400 bulk



LOW ANGLE CRAFT BLADE

#11-113 2-1/8" long .024 thick 3/card
#11-113A 2-1/8" long .024 thick 400 bulk



CURVED CRAFT BLADE

#11-114 2-1/8" long .024 thick 3/card

FINISHING TOOLS



#21-295 SURFORM® FLAT FILE

- Superb tool for use as a rasp on wood, plastic, soft metals and many other materials. Replaceable 10" blade.
- 1-5/8" wide, 17-3/8" overall length.



#21-297 SURFORM® ROUND FILE

- Useful for englarging holes and smoothing curved surfaces. Removable front grip and a replaceable 10" round blade.
- 15-3/4" overall length.



#21-399 SURFORM® POCKET PLANE

- Ideal tool for end-grain work, sheetrocking and smoothing edges of laminates. Thumb screw tension. Includes replaceable 5-1/2" fine cut blade.
- 1-5/8" wide, 6" overall length.



#21-115 SURFORM® SHAVER

- Lightweight polypropylene molded body. Curved blades has side cut teeth for shaving in corners. Works on the pull stroke. Click-on replacement blade.
- 7-14" overall length.

SURFORM® REPLACEMENT BLADES

STANDARD CUT

- 10" blade features teeth flush to the blade edge for working into edges. **#21-293**



FINE CUT

- Blade designed to produce a fine finish on hard woods, end grains and soft metals.
  #21-393 - 10" blade
  #21-398 - 5-1/2" blade



HALF ROUND

- 10" blade is ideal for fiberglass and romoving filler on cars and boats. **#21-299**



ROUND

- 10" blade for enlarging holes and smoothing curved surfaces. **#21-291**

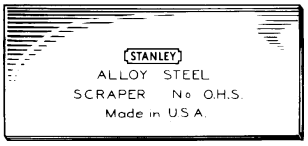


SHAVER

- 2-1/2" curved blade works on the pull stroke. **#21-515**



FINISHING TOOLS continued



#28-035 REFINISHING HAND SCRAPER

- Selection of steel and heat treatment of this blade make it a superior tool.
- For achieving a fine finish on wood.
- Scraper is 5" long and 3" wide.



#28-500 RETRACTABLE RAZOR BLADE SCRAPER

- Removes paint, glue, putty or adhesives from glass, tile, walls, floors or other smooth areas.
- Uses standard single edge razor blades.
- Scraper is 3-3/4" long and includes 5 blades.

MEASURING TOOLS



FATMAX™ TAPE RULES with BLADE ARMOR™ COATING

- The thermoplastic coating is on the first 6" of the FatMax for maximum durability and reduced blade breakage.
- Blades are 1-1/4" wide with 11' standout and easy to read graphics.
- The built in cushion grip allows for non-slip grips and is impact resistant.
- Available in cm or mm graduations.
- Lengths available: 16', 25', 26', 30', 33', & 35'



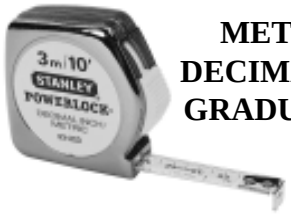
MAXSTEEL™ TAPE RULES

- 13% thicker blade with "cross curve" technology for 9 feet of standout (1" blades only)
- High contrast color for easier readability. Top forward blade lock. Impact-resistant safety-yellow case.
- Available in cm or mm graduations.
- Lengths available:
  5/8" Blade: 10', 12', 16'
  3/4" Blade: 16'
  1" Blade: 25', 26', 30', 33'



POWERLOCK® TAPE RULES

- Mylar ployester film coating for durability. Heat treated spring for longer life. Belt clip fastened on back of case.
- 16" and 19.2" stud center markings on blade. Blade remains rigid for 7'. Positive blade lock.
- Available in cm or mm graduations.
- Lengths available:
  1/2" Blade: 8', 10', 12'
  3/4" Blade: 10', 12', 16', 20'
  1" Blade: 25', 26', 30', 33', 35'



METRIC & DECIMAL INCH GRADUATIONS

- First 6" of blade graduated in 32nds of an inch on upper edge and 50ths of an inch on lower edge. Balance of blade graduated in 16ths of an inch on upper edge and 10ths on lower.
- Positive blade lock and heat-treated spring.
- **#33-223** - blade size is 10' long x 1/2" wide



STANLEY® TAPE RULES

- 7' standout. Polymer coated blade.
- High contrast blade for easier readability and has a durable textured case for non-slip grip.
- Available in cm graduations or Fractional read (25' only)
- Lengths available:
  1/2" Blade: 10', 12'
  3/4" Blade: 16'
  1" Blade: 25', 26', 30', 33'



FATMAX™ LONG TAPES

- 3 to 1 gear drive for fast rewind. Stainless steel blade. High impact ABS case with rubber, non-slip grip.
- Tru-Zero end hook for inside and outside measurements.
- 3/8" blade width. (metric only available)
- Lengths available: 50', 100'



STANLEY® LONG TAPES

- High impact, high visibility yellow ABS case.
- Tru-Zero end hook for inside and outside measurements.
- 3/8" yellow blade width with a .11mm thick steel blade. East wind drum. Lock ring recoils into con (metric only available)
- Lengths available: 50', 100'



FATMAX™ LONG TAPES

- PVC blades have increased number of fiberglass strands for less stretching. Blades can be wound up wet or dry.
- Two-sided printing with multiple formats (fractional/decimal or metric/english) on a 1/2" blade.
- Lengths available: 100', 200'

LAYOUT TOOLS



PROFESSIONAL I-BEAM LEVELS

- Durable heavy-duty aluminum with top read center 360 degree vial set into frame. Pipe groove and shock absorbing end caps.
- Full length magnetic strip (on magnetic models only) and hang holes
- Large, clear, removable vial covers.
- Lengths available:
  Non-magnetic: 24", 48", 72"
  Magnetic: 24", 48", 78"



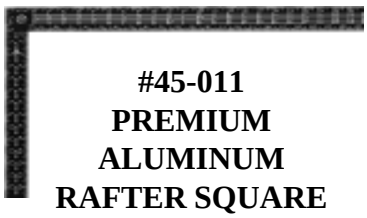
#42-465 CAST ALUMINUM TORPEDO LEVEL

- Heavy-duty cast aluminum frame with large, top read vial window. Tinted 360 degree vials for easy reading are replaceable in seconds.
- Magnetic strip allows hands-free operation on metal surfaces.
- 1 vial, 3-3/32" long



#42-287 ALUMINUM LINE LEVEL

- Lightweight, aluminum construction. Special hooks hold to line.
- Bottom is flat for surface leveling. 360 deg vial.
- 1 vial, 3-3/32" long



#45-011 PREMIUM ALUMINUM RAFTER SQUARE

- Extra thick aircraft grade aluminum. Brace measures octagon scale; board measures 2-way read sleeve.
- 24" x 2" bondy length; 16" x 1-1/2" tongue length; Black finish; English



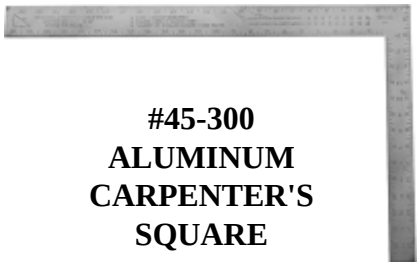
STEEL RAFTER / ROOFING SQUARE

- Embossed graduations and figures on hardened steel.
- **#45-910** has Essex board measure, octagon scale, brace scale, and rafter table. English. 24" x 2" body length; 16" x 1-1/2" ton. lngth
- **#45-530** has metric roofing table. Metric.



STEEL CARPENTER'S SQUARE

- Tempered steel with deep graduations. Rust protection surface. Reverse reading scale.
- **#45-500** - 12" x 2" body lngth & 16 x 1-1/2" tongue lngth. English.
- **#45-600** - 12" x 2" body lngth & 16 x 1-1/2" tongue lngth. Metric/English.



#45-300 ALUMINUM CARPENTER'S SQUARE

- High tempered aluminum. Useful tables and information stamped into square (eg. metric coversion table, volume and area formulas, etc) Deep long-wearing graduations.
- 24" x 2" bondy length; 16" x 1-1/2" tongue length; Black finish; English



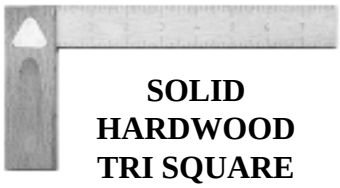
#45-711 STAIR GAUGES

- Easily attaches to all carpenter squares for fast layout of stair treads.
- Solid brass body. Set of two.



ADJUSTABLE QUICK SQUARE® LAYOUT TOOL

- Movable locking arm insures fast, accurate and reapeatable measurements. Use as a power saw guide, protractor, rafter square or combination square.
- Detailed instruction book included.
- **#46-050** - 10-3/4" base lngth; 6" rule lngth.
- **#46-052** - 16-1/4" base lngth; 10" rule lngth.



SOLID HARDWOOD TRI SQUARE

- Durable etched, stainless steel 8" blade, coated to resist rust. 1/8" graduations.
- Handle is solid hardwood, lacquer coated with brass face plates.
- **#46-209** - 8" blade length; 1-1/2" blade width; 5-3/8" handle length.

LAYOUT TOOLS continued



COMBINATION SQUARES

- Etched, hard **chrome plated blades**. Rust-resistant for blade longevity.
- Scriber for easily marking surfaces.
- Easy read vial and brass hardware.
- Sizes available: 7", 12", 16" (metric available in 12" only)



#46-222 12" COMBINATION SQUARE

- Die cast metal handle .
- Coated blade resists rust. Scriber stores in handle.
- Available in English or English/Metric.



#46-012 PLASTIC HANDLE COMBINATION SQUARE

- Coated blade resists rust.
- Deep debossed graduations.
- 12" overall length - English.



#46-825 T-BEVEL

- Tough plastic handle with handy grip.
- Steel blade and blade locking device.
- 8" Blade length, 5-1/2" handle length.



#46-813 SOLID HARDWOOD T-BEVEL

- Coated steel blade resists rust.
- Select, hard rock maple wood handle with recessed grip area. Solid brass end plates.
- 8" Blade length, 5-1/2" handle length.



FATMAX™ CHALK LINE REEL

- 3:1 gear drive for fast rewind.
- Holds up to 4oz chalk and has two times the tensile strength of traditional lines.
- Locking button holds string in the water resistant case with rubber grips. Comes with spare foot.
- **#47-140** - 100 feet long



DIE CAST CHALK LINE REEL

- Durable, heavy-duty die cast body has long wearing felt gas key that hugs the line and distributes uniform chalk coating.
- Universal hook designed to endure rigors of everyday use. Can be used a plumb bob.
- **#47-051** - 50 feet long
- **#47-099** - 100 feet long



2-PC CHALK & REEL SET

- 50' shatter resistant polypropylene chalk line reel and 4oz bottle of blue chalk.
- **#47-671** - 50 feet long



MAGNETIC STUD FINDER

- Magnet is sttracted to steel nails used to hold drywall to studding.
- Base of the stud finder is notched for marking once studs are located.
- **#47-400** - 1-3/8" x 1-3/8" x 1-1/4" OAL

STRIKING TOOLS



JACKETED GRAPHITE HAMMERS

- Has feel of wood with overstrike protection.
- 13-1/4" overall length

#51-505	Curved Claw	weighs 16oz.
#51-507	Curved Claw	weighs 20oz.
#51-506	Rip Claw	weighs 16oz.
#51-508	Rip Claw	weighs 20oz.



BRICKLAYER'S WOOD HANDLE HAMMERS

- Forged, heat-treated steel head. Hickory handle.
- **#54-435** - weighs 24oz and is 11" long.



ANTIVIBE® ONE-PIECE FORGED STEEL HAMMERS

- Double forged steel head and handle. Patented tuning fork design reduces harmful vibrations.
- Grip is rubber molded directly onto shaft with special grip material.

NAIL HAMMERS
13-5/16" long

#51-941	Curved Claw	16oz
#51-942	Rip Claw	20oz
#51-943	Curved Claw	16oz
#51-944	Rip Claw	20oz

FRAMING HAMMERS
16" long

#51-946	Plain Face	22oz
#51-947	Checkered Face	22oz
#51-948	Checkered Face	28oz



WOOD HANDLE NAIL HAMMERS

- High-carbon, steel head. Hickory handle.

#51-613	Curved Claw	16oz	11-1/2" L
#51-713	Curved Claw	20oz	13 L
#51-616	Curved Claw	16oz	13-1/4 L
#51-716	Rip Claw	20oz	13-1/4 L



BALL PEIN HAMMERS

- High-carbon, steel forged head. Rim-tempered face minimizes chipping (not available on #54-004). Hickory handle.

Item#	Size	Wght	OAL
#54-004	5/0	4 oz	10-7/8"
#54-008	3/0	8 oz	12-1/4"
#54-012	2/0	12 oz	13"
#54-016	0	16 oz	14"
#54-024	2	24 oz	15"
#54-032	4	32 oz	16"
#54-040	6	40 oz	16"
#54-048	8	48 oz	16"



ENGINEER HAMMERS

- Forged steel head-hardened and tempered. Hickory handle.

#51-802 2.5 lbs and head length is 4-3/8" long.
#51-803 3 lbs and head length is 5-1/8" long.
#51-804 4 lbs and head length is 5-1/4" long.



BLACKSMITH HAMMERS

- New England pattern head. Forged from hardened, tempered steel. Faces are ground and polished. Hickory handle.

#56-412 2.5 lbs and head length is 5" long.



HAND DRILLING HAMMERS

- Forged steel head-hardened and tempered. Faces machine finished. Hickory handle.

#56-702 2 lbs and head length is 3-3/4" long.
#56-703 3 lbs and head length is 4-3/8" long.
#56-704 4 lbs and head length is 4-3/4" long.



COMPO-CAST® BALL PEIN HAMMERS

- Dead blow steel face hammer is tempered alloy steel with crowned faces - no bounce back. Steel reinforced handle. Dead blow function uses steel shot.

Item#	OAL	Wght	Head	Face
#54-508	11"	8 oz	3-9/16"	3/4"
#54-512	12"	12 oz	3-13/16"	7/8"
#54-516	12-5/8"	16 oz	4-1/8"	1"
#54-524	12-7/8"	24 oz	4-7/16"	1-3/16"
#54-532	13-5/8"	32 oz	4-3/4"	1-9/32"



COMPO-CAST® STANDARD HEAD SOFT FACE HAMMERS

- Non-sparking soft face hammer of Uni-Cast^{O} construction have no exposed metal. Does not mar surfaces or equipment. Does not absorb liquids. Steel reinforced handle and dead blow function uses steel shot.

Item#	OAL	Wght	Head	Face
#57-530	10-1/8"	10 oz	3-1/8"	1.2"
#57-531	11-1/4"	18 oz	3-3/4"	1.6"
#57-532	12-7/8"	21 oz	4-1/16"	1.8"
#57-533	14-1/4"	42 oz	4-5/8"	2.1"
#57-534	15-1/4"	52 oz	5-3/8"	2.5"



MAGNETIC TACK HAMMER

- Forged head with magnetic tip. Hickory handle.

#54-304 - Tool weighs 5oz, 3-3/4" head length & 10-1/2" OAL.



SOFT FACE HAMMERS

- Replaceable tips are made of tough plastic that won't mar finely finished surfaces. Hickory handle.

#57-594 weighs 8 oz and has a 12" handle
#57-595 weighs 16 oz and has a 13-1/2" handle.



RUBBER MALLET

- Tough rubber head molded to a lacquared handle.

#57-522 weighs 18 oz & has a OAL of 13-3/4"

STRICKING TOOLS



SELF-CENTERING SCREW HOLE PUNCH

- Self-centering on hinges, catches, etc.
- Nickel plated.
- **#58-013** - 3-1/16" OAL & 3/8" Face Dia.



SELF-CENTERING NAIL SETS

- Engineered for faster positive setting of nails and brads mechanically without marring wood surface.
- Nickel plated.

#58-010 - Sets 16, 17, 18 brads. 3/8" face dia
#58-011 - Sets 4d & 6d fin. nails. 9/16" face dia



NAIL SETS

- Alloy steel hardened and tempered. Square head, round knurled body.
- OAL of 4" and Sq. Stock Size is 5/16".
- Tips are cupped and chamfered.
- Sizes Available:
  #58-111 - 1/32" tip.
  #58-112 - 1/16" tip.
  #58-113 - 3/32" tip.
  #58-114 - 1/8" tip.

#58-230 - **NAIL SET PACK**
Contains 1 each of:
58-111
58-112
58-113.





NAIL CLAW

- Special extracting claw. Heat treated with beveled nail slot.
- **#55-033** - 10" OAL & 9/16" Stock size.



NAIL PULLER

- Double end puller features 90 deg. and 30 deg. offset claws. Fully sharpened claw tips.
- **#55-035** - 11" OAL & 5/8" Stock size.



900 SERIES WOOD CHISELS

- Durable precision-ground cutting edge. Heat treated, beveled and polished blades.
- Width id on handle. OAL is 9".
- Extra-long, shatter-resistant handle.
- Sizes Available:
  #16-903 - 1/4" Blade width
  #16-904 - 3/8" Blade width
  #16-905 - 1/2" Blade width
  #16-906 - 5/8" Blade width
  #16-907 - 3/4" Blade width
  #16-908 - 1" Blade width
  #16-909 - 1-1/4" Blade width
  #16-910 - 1-1/2" Blade width
  #16-911 - 2" Blade width

#16-901 - **6pc CHISEL SET**
Contains 1 each of:
16-903, 16-905, 16-907
16-908, 16-909, 16-910



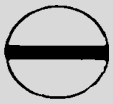


WONDER BAR® II PRY BAR

- Tempered steel with nickel plated finish.
- **#55-045** - 7" OAL & 7/8" Blade width.

FASTENING TOOLS

SCREWDRIVER TIP CONFIGURATIONS



SLOTTED: Standard or flat for driving single slotted screws. Tip width range from 1/6" to 1/2".



PHILLIPS : Designed specifically for use with Phillips head screw, which has two recessed slots at right angles to each other. Sizes range from 0 point (small) to 4 point (large).



POZIDRIV : Similar the the Phillips style, the screw can be identified by additional lines on the face. Sizes range from 1 point (small) to 4 point (large).



SQUARE HEAD: Square tip, used in mobile homes, recreational vehicles and industrial applications. Sizes range from 1 point (small) to 3 point (large).



TORX : Star shaped, used in the automotive industry. Sizes range from T-10 (small) to T-30 (large).

100 PLUS® SCREWDRIVERS

- Full size handles
- Alloy steel blade
- Precision-ground tip
- Chrome plated for corrosion resistance



AVAILABLE TIP TYPES

Standard blade/Standard tip: Bolster blade for maximum strength and torque.

Square blade/Standard tip: Bolster blade for maximum strength and torque.

Phillips® tip: Black oxide tip for corrosion resistance.

Standard blade/Cabinet tip: For precision screw driving applications.

Extra light blade/Cabinet Tip: Contoured amber handle for comforability on delicate driving applications. Tips are heat treated for high strength.

Pocket size with clip: Practical for light work.

TORX® tip: For screws with star shaped heads.

Pozidriv® tip: For Pozidriv screws. Black oxide finish on blade.

Square head style: For square head style screws. Chrome plated to resist rust.

Scratch Awl tip: Bolstered blade, reinforced construction.

Item #	Desc.	OAL	Blade Length	Blade Dia.	Point Size/ Tip Width
66-163	Standard blade/Standard tip	6-3/4"	3"	7/32"	7/32"
66-164	Standard blade/Standard tip	8-1/4"	4"	1/4"	1/4"
66-166	Standard blade/Standard tip	11"	6"	5/16"	5/16"
66-011	Standard blade/Standard tip	10-1/4"	6"	1/4"	1/4"
66-168	Standard blade/Standard tip	13-1/4"	8"	3/8"	3/8"
66-013	Standard blade/Standard tip	13"	8"	5/16"	5/16"
66-160	Standard blade/Standard tip	15-1/4"	10"	3/8"	3/8"
66-162	Standard blade/Standard tip	17-1/4"	12"	3/8"	3/8"
66-161	Standard tip - Stubby	3-1/2"	1-1/2"	1/4"	1/4"
66-015	Square blade/Standard tip	6-3/4"	3"	3/16"	3/16"
66-018	Square blade/Standard tip	8-3/4"	4"	3/16"	3/16"
66-174	Square blade/Standard tip	8-3/4"	4"	1/4"	1/4"
66-176	Square blade/Standard tip	11"	6"	5/16"	5/16"
66-178	Square blade/Standard tip	13-1/4"	8"	3/8"	3/8"
66-170	Square blade/Standard tip	15-1/4"	10"	3/8"	3/8"
66-172	Square blade/Standard tip	17-1/4"	12"	3/8"	3/8"
64-100	Phillips® tip	5-1/8"	2-3/4"	1/8"	#0 point
64-101	Phillips® tip	6-3/4"	3"	3/16"	#1 point
64-102	Phillips® tip	8-1/4"	4"	1/4"	#2 point
64-103	Phillips® tip	11"	6"	5/16"	#3 point
64-104	Phillips® tip	13-1/4"	8"	3/8"	#4 point
64-171	Phillips® tip	13-1/2"	10"	3/16"	#1 point
64-172	Phillips® tip	14-1/2"	10"	1/4"	#2 point
64-175	Phillips® tip	24-1/4"	20"	1/4"	#2 point
64-105	Phillips® tip - Stubby	3-1/2"	1-1/2"	1/4"	#2 point
66-183	Standard blade/Cabinet tip	6-3/4"	3"	3/16"	3/16"
66-186	Standard blade/Cabinet tip	11-3/4"	6"	3/16"	3/16"
66-188	Standard blade/Cabinet tip	11-3/4"	8"	3/16"	3/16"
66-180	Standard blade/Cabinet tip	13-3/4"	10"	3/16"	3/16"
66-182	Standard blade/Cabinet tip	15-3/4"	12"	3/16"	3/16"
66-112	Extra light blade/Cabinet tip	5-3/8"	2"	1/8"	1/8"
66-113	Extra light blade/Cabinet tip	6-3/8"	3"	1/8"	1/8"
66-114	Extra light blade/Cabinet tip	7-3/8"	4"	1/8"	1/8"
66-116	Extra light blade/Cabinet tip	9-3/8"	6"	1/8"	1/8"
66-118	Extra light blade/Cabinet tip	11-3/8"	8"	1/8"	1/8"
66-110	Extra light blade/Cabinet tip	13-3/8"	10"	1/8"	1/8"
66-101	Pocket size/Std tip- with clip	4-3/8"	2"	1/8"	1/8"
66-102	Pocket size/Std tip - with clip	5-3/8"	3"	3/32"	3/32"
66-103	Pocket size/Std tip - with clip	6-3/8"	4"	3/32"	3/32"
66-170	Pocket size/Phillips® w/ clip	4-3/8"	2"	1/8"	#0 point
64-160	TORX® tip	7"	3-1/4"	.019"	T10
64-161	TORX® tip	7"	3-1/4"	.019"	T15
64-162	TORX® tip	7"	3-1/4"	.019"	T20
64-163	TORX® tip	7-3/4"	4"	.019"	T25
64-164	TORX® tip	8-1/2"	4"	1/4"	T27
64-165	TORX® tip	8-1/2"	4"	1/4"	T30
64-131	POZIDRIV® tip	6-3/4"	3"	3/16"	#1 point
64-132	POZIDRIV® tip	8-1/4"	4"	1/4"	#2 point
64-133	POZIDRIV® tip	11"	6"	5/16"	#3 point
64-134	POZIDRIV® tip	13-1/4"	8"	3/8"	#4 point
64-422	Square head style For #8,#9, & #10 Wood screws & #8 & #10 Machine Screws	8-1/4"	4"	1/4"	#2 point
69-006	Scratch Awl tip	7-1/4"	3-1/2"	1/4"	---



VINYL GRIP SCREWDRIVERS

- Full sleeve vinyl grip for comfort and turning force.
- Hard plastic core built for strength (and abuse)
- Full size handles for extra gripping power.
- Chrome plated for corrosion resistance.
- Phillips® tips are blasted black oxide for precision and to eliminate plate chipping.
- Some of the standard tips include a bolster for strength and additional turning capabilities.
- 6pc set and full open stock available.

Item #	Desc.	OAL	Blade Length	Blade Dia.	Point Size/ Tip Width	Tip Thick
65-905	Phillips® tip - Stubby	3-7/8"	1-1/2"	1/4"	#2 point	--
66-088	Standard tip - Stubby	3-7/16"	1-1/2"	1/4"	1/4" tip	--
65-901	Phillips® tip	6-3/4"	3"	3/16"	#1 point	--
65-902	Phillips® tip	6-5/16"	4"	1/4"	#2 point	--
65-903	Phillips® tip	10-3/16"	6"	5/16"	#3 point	--
66-089	Standard blade/Standard tip	6-3/4"	3"	7/32"	7/32"	.032
66-090	Standard blade/Standard tip	8-1/4"	4"	1/4"	1/4"	.037
66-091	Standard blade/Standard tip	10-5/16"	6"	5/16"	5/16"	.042
66-092	Standard blade/Standard tip	13-3/8"	8"	3/8"	3/8"	.050
66-093	Square blade/Standard tip	8-1/4"	4"	1/4"	1/4"	.037
66-094	Square blade/Standard tip	10-5/16"	6"	5/16"	5/16"	.042
66-095	Square blade/Standard tip	10-5/16"	8"	3/8"	3/8"	.050
66-096	Light blade/Cabinet tip	6-3/4"	3"	3/16"	3/16"	--
66-097	Light blade/Cabinet tip	9-3/4"	6"	3/16"	3/16"	--
66-098	Light blade/Cabinet tip	11-3/4"	8"	3/16"	3/16"	--
66-565	6pc Vinyl Grip Set	Includes: 4" standard, 6" standard, 3" cabinet, 6" cabinet, 1 pt. Phillips®, 2 pt. Phillips®				



MULTI-BIT SCREWDRIVERS

- Visible bit storage system.
- Spring loaded, hard wearing, ball bearing indexing mechanism for quick & easy access to bits.
- Magnetic bit holder and a three position audible ratcheting mechanism. (68-010 only)
- Includes 10 bits: #1 square, #2 square, #1 PH, #2 PH, #1PZ, #2 PZ, T10, T15, 1/4" and 3/16" bits.
- **#68-010** - audible three-way ratchet system.
- **#68-011** - no audible ratchet system.



#69-122 WOOD HANDLE SCRATCH AWL

- Alloy steel bar in hardwood handle.
- Rust resistant plated finish.
- 6-1/6" OAL, 3/16" bar dia., 3-3/8" bar length.



#65-032 PHILLIPS® OFFSET SCREWDRIVER

- For 1 point and 2 point Phillips® screws.
- 3-15/16" OAL, 1/4" blade diameter



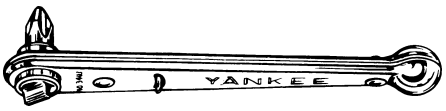
#65-033 PHILLIPS® / SLOTTED OFFSET SCREWDRIVER

- For 1/4" slotted and 2 point Phillips® screws.
- 3-15/16" OAL, 1/4" blade diameter



#02-660 BIT BRACE

- Alligator jaws. Open ratchet bit brace with molded polypropylene head and handle.
- 10" sweep.



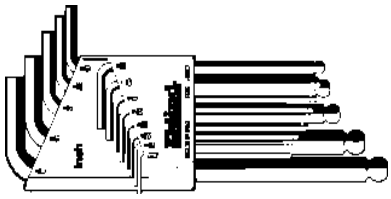
#68-402 YANKEE® OFFSET RATCHETS SLOTTED/PHILLIPS® SCREWDRIVER

- For 1/4" slotted and 2 point Phillips® screws.
- 3-7/8" OAL, 1/4" blade length, #2 point size



#68-412 YANKEE® OFFSET RATCHETS PHILLIPS® SCREWDRIVER

- For Phillips® head screws.
- Points are hardened and tempered.
- 3-7/8" OAL, #1 & #2 point size



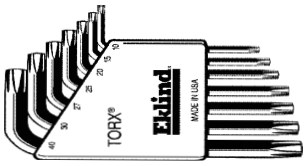
BALL HEX L KEY SETS

- These sets come in compact molded plastic holders that firmly retain each key in size marked holes.
- Key holders are color coded red for inch sizes

FRACTIONAL SETS

#13215 - 13 keys in set;
Sizes: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8

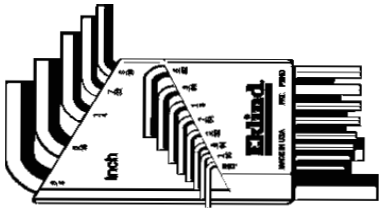
#13211 - 11 keys in set;
Sizes: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4



TORX® L KEY SETS

- These sets come in compact molded plastic holders that firmly retain each key in size marked holes.
- Key holders are green with size marked holes.

#10807 - 7 **short** keys in set;
#10907 - 7 **long** keys in set;
Sizes: T10, T15, T20, T25, T27, T30, T40



HEX L KEY SETS

- These sets come in compact molded plastic holders that firmly retain each key in size marked holes.
- Key holders are color coded red for inch sizes and blue for metric sizes.

FRACTIONAL SETS

#10107 - 7 **short** keys in set;
#10207 - 7 **long** keys in set;
Sizes: 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4

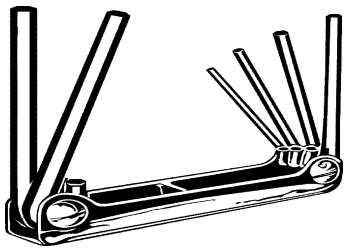
#10111 - 11 **short** keys in set;
Sizes: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4

#10213 - 13 **long** keys in set;
Sizes: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8

#10018 - 9 **long** keys and 9 **short** keys in set;
Long Sizes: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 5/32, 3/16, 7/32, 1/4
Short Sizes: 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8

METRIC SETS

#10509 - 9 **short** keys in set;
Sizes: 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10.0



FOLD-UP KEY SETS

- Each set is keys is housed in a one-piece comfort grip handle which is designed to operate smoothly as well as hold the keys firmly in any desired work position.

HEX FRACTIONAL SETS

#20811 - 8 keys in set; handle is 3" long.
Sizes: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32

#20912 - 9 keys in set; handle is 3.63" long.
Sizes: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16

#20911 - 9 keys in set; handle is 4.25" long.
Sizes: 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4

#20812 - 8 keys in set; handle is 5.25" long.
Sizes: 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4

HEX METRIC SETS

#21171 - 7 keys in set; handle is 3.63" long.
Sizes: 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0

#21172 - 7 keys in set; handle is 4.25" long.
Sizes: 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0

#21151 - 6 keys in set; handle is 5.25" long.
Sizes: 3.0, 4.0, 5.0, 6.0, 8.0, 10.0

TORX® SETS

#22572 - 7 keys in set; handle is 3" long.
Sizes: T6, T7, T8, T9, T10, T15, T20

#22571 - 7 keys in set; handle is 4.25" long.
Sizes: T10, T15, T20, T25, T27, T30, T40

SCREWDRIVER SETS

#22451 - 5 keys in set; handle is 3.63" long.
Sizes: 1/8" flat, 3/16" flat, 1/4" flat, #1 Phillips, Awl

#22461 - 6 keys in set; handle is 3.63" long.
Sizes: 1/8" flat, 3/16" flat, 1/4" flat, #1 Phillips, Awl, T15 TORX

FOLD-UP BALL-END KEY SETS

This versatile tool allows 360 degrees of rotation at up to a 25 degree angle.



METRIC SETS

#21158 - 5 keys in set; handle is 3" long.
Sizes: 1.5, 2.0, 2.5, 3.0, 4.0

#20812 - 5 keys in set; handle is 5.25" long.
Sizes: 4.0, 5.0, 6.0, 8.0, 10.0

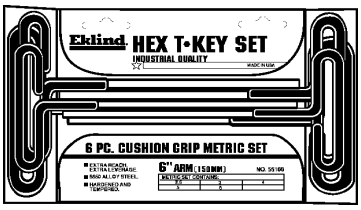
FRACTIONAL SETS

#20719 - 7 keys in set; handle is 3" long.
Sizes: 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32

#20919 - 9 keys in set; handle is 4.25" long.
Sizes: 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4

#20519 - 5 keys in set; handle is 5.25" long.
Sizes: 3/16, 7/32, 1/4, 5/16, 3/8

EKLIND
continued



HEX T-KEY SETS

- Features a one piece loop handle.
- Custion gripped sets have vinyl covered handles that are color coded, red for inches and blue for metric.

STANDARD GRIP FRACTIONAL SETS

#33910 - 10 keys in set; 9" arm length.
Sizes: 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8

#33168 - 8 keys in set; 6" arm length
Sizes: 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4

#33198 - 8 keys in set; 9" arm length
Sizes: 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4

CUSHION GRIP FRACTIONAL SETS

#53168 - 8 keys in set; 6" arm length.
Sizes: 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4

#53198 - 8 keys in set; 9" arm length
Sizes: 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4

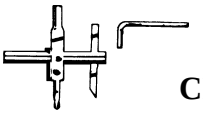
CUSHION GRIP METRIC SETS

#55196 - 6 keys in set; 9" arm length.
Sizes: 2.0, 2.5, 3.0, 4.0, 5.0, 6.0

#13211 - 11 keys in set;
Sizes: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4

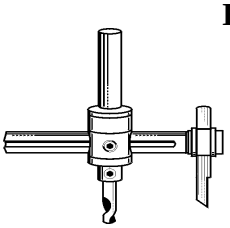
HEX-L, BALL-L & TORX$^{\circ}$-L KEYS are AVAILABLE INDIVIDUALLY in a variety of sizes and arm lengths.

GENERAL TOOL



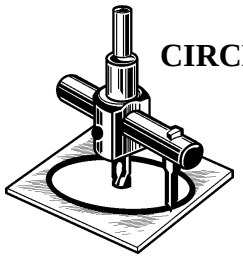
#4 ECONOMY CIRCLE CUTTER

- Can be used with drill press or bit brace.
- Capacity: 7/8" to 4"
- Replaceable bit and blade.



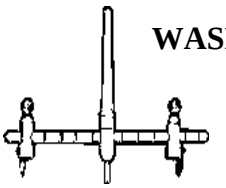
#55 HEAVY DUTY CIRCLE CUTTER

- 1/2" round shank.
- Capacity: 1-3/4" to 7-7/8"
- Replaceable bit and blade.



#5B CIRCLE CUTTER

- 3/8" round shank.
- Capacity: 1" to 6"
- Replaceable bit and blade.



#11 WASHER/GASKET CUTTER

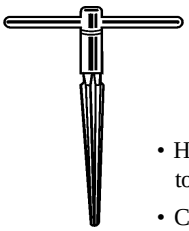
- Cuts leather, rubber, cork, graphite, fiber, copper and other soft materials.
- Can be used with drill press or bit brace.
- Capacity: 5/8" to 6-1/2"
- Replaceable cutter blades.



ROUND SHANK REAMERS

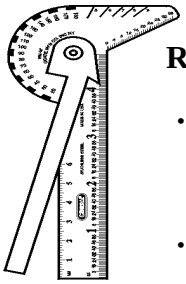
- 1/2" shank.
- Heavy duty design for mechanics and plumbers.

#RS136 - 1/4" to 1-1/2"
#RS137 - 3/8" to 2"



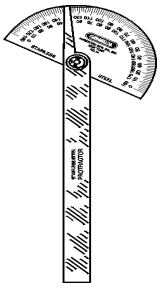
#130 T-HANDLE REAMER

- Hardened and tempered steel tool.
- Capacity: 1/8" to 1/2"



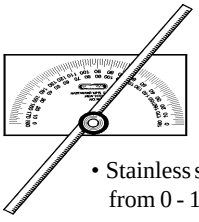
#16ME RULER & GAUGE

- Drill point gauge, bevel protractor, center finder, circle divider and 4" rule; all in one tool.
- Tap and drill table.



#18 STEEL PROTRACTOR

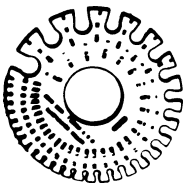
- Sets bevels.
- Stainless steel and etched 0 - 180 degrees.
- 6" adjustable arm.



#19 PROTRACTOR & DEPTH GAUGE

- Stainless steel, etched graduations from 0 - 180 degrees.
- 1/4" x 6" depth gauge rule.
- Spring tension nut.

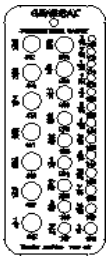
ROUND GAUGES



- 3-1/4" diameter. 3/32" thick. Measures 0-36.
- Heavy gauge tool steel. Chrome finished.

#20 - Wire gauge.
#21 - Sheet Metal gauge.

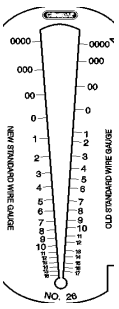
DRILL GAUGES



- Heavy gauge steel with etched markings.

#12 - Letter Bits (A-Z)
#13 - Number Bits (61-80)
#14 - Fractional (1/16 - 1/2)
#15 - Number bits (1-60)

#26 SCREW & WIRE GAUGE



- Measures:

  Wood screws - #0 to #30
  Wire & screws - 1/16 to 7/16
  English wire gauge - 17 to 0000.
- Has 3" rule.

#33 DRILL SAW



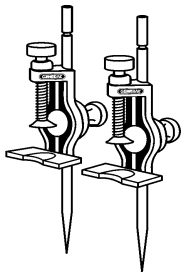
- Multi-function bit: drills, saws and reams in hard and soft woods, plywood, plastic, brass and aluminum.
- For use with electric drill or drill press.

#195 COUNTERSINKS



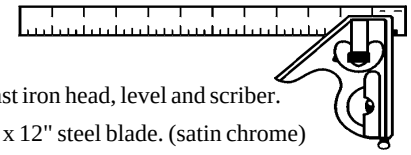
- 5-flute, high speed steel.
- 1/4" shank. 82 degree angle.
- Sizes: 1/2", 5/8" & 3/4"

#523 ADJUSTABLE TRAMMELS



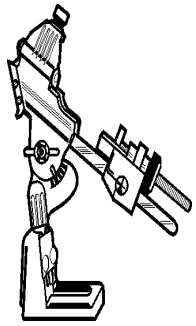
- For layouts, marking templates and drawing large circles.
- Points can be replaced with pencils, ballpoint pens, crayons or soapstones.
- Clamps onto beam 5/8" to 1-1/2" thick of any width or length.

#812 COMBINATION SQUARE



- Cast iron head, level and scriber.
- 1" x 12" steel blade. (satin chrome)
- Front graduations: 8ths & 16ths.
- Back graduations: 16ths & 32nds.

#825 BIT GRINDING ATTACHMENT



- Capacity:

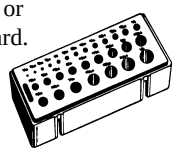
  Fractional: 1/8" to 3/4"
  Numbers: 30 to 1
  Letters: A to Z
  Millimeters: 3.0 to 19.0

PENCIL COMPASSES



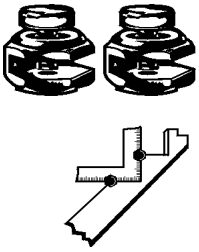
- **#843** - (pictured) Standard duty for general purpose contours and circles.
- **#842** - Precision grade. Up to 8" dia.

#57 DRILL BIT STAND



- Plastic stand sits on bench or can be mounted on pegboard.
- For bits: 1/16" to 1/2"

#803 STAIR GAUGE SET



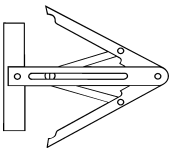
- Solid brass gauges for uniform layout in repetitive work including angle cuts on rafters and stair stringers.
- Attaches to metal rafter squares.

#818 SCRATCH AWLS



- Alloy steel blade runs through the handle and is securely fastened to both the plated steel ferrule and the cap.
- 6-1/2" overall length.

#835 ANGLE DIVIDER



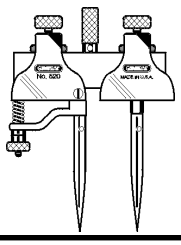
- Transfers angles in cornice, frieze or gable work.
- Divides and bisects angles.
- Marks floor tiles, molding, trim and miters.
- Adjustable 6" legs. 5" sqr base.

#847 BULL'S EYE LEVEL



- All directional. For leveling machinery, electronic equipment, game tables, appliances, etc.
- 1-3/8" diameter.

#520 ADJUSTABLE TRAMMELS

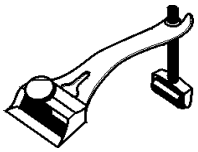


- For drawing large circles and measuring sizable distances with accuracy.
- Clamp opening for beam: 3/8" x 3/4".
- 3" needlepoint legs.

MISC. TOOLS

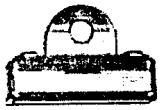
GENERAL TOOL continued

#810 CHISEL & PLANE BLADE SHARPENER



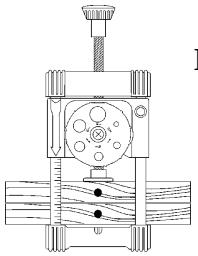
- Up to 2-5/8" wide blades or chisels.
- Die cast frame. Restores original bevels and angles.

BUTT MARKING GAUGES



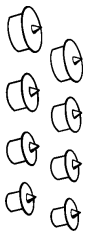
- Marks the position of mortises for hinges on doors and door jambs.
- Forged steel construction.
- Sizes: 3", 3-1/2", 4" & 4-1/2"

#840 DOWELING JIG



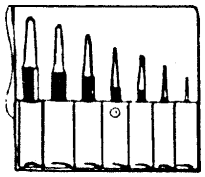
- Lines up dowel holes in furniture and capentry.
- Capacity: 3/16", 1/4", 5/16", 3/8", 7/16" & 1/2" dowels.

#888 DOWEL CENTERS

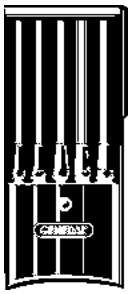


- For locating, transferring and matching dowel holes.
- Nickel plated steel.
- Set includes 2 each: 1/4", 5/16", 3/8" & 1/2".

#SPC73 SQUARE SHANK CENTER PUNCH SET



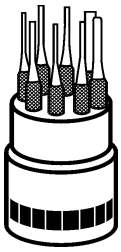
- Set includes 2 each: 1/16", 5/64", 3/32", 1/8", 5/32", 3/16" & 1/4"



#SPC76 EXTRA LONG DRIVE PIN PUNCHES

- Hardened tool steel.
- 8" overall length.
- Sizes: 1/8", 3/16", 1/4", 5/16" & 3/8"

#S75 DRIVE PIN PUNCHES



- Hardened tool steel. Wood case.
- 4" overall length.
- Sizes: 1/8", 3/16", 1/4", 5/16" & 3/8"



#77 AUTOMATIC CENTER PUNCH

- Ball bearing action.
- 5/8" x 5" aluminum body.
- Replaceable tip.



#78 HEAVY DUTY STEEL AUTOMATIC CENTER PUNCH

- Black oxide finish.
- 5/8" x 6" body.
- Replaceable tips.



#79 STEEL AUTOMATIC CENTER PUNCH

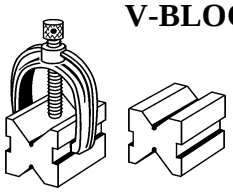
- For making lighter markings.
- Black oxide finish.
- 1/2" x 5" body.
- Replaceable tips.



CARBIDE SCRIBER

- **#88** - Marks on stainless steel, copper, ceramics, and glass.
- **#88CM** - Same spec's as above plus one end is magnetic.
- 6" overall length
- Replaceable tips.

V-BLOCKS

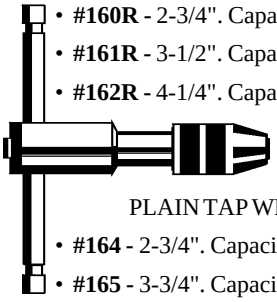


- **#116 Machinist's Set -** Includes two 1-1/2" x 2" blocks and one clamp. 1-1/2" capacity.
- **#117 Toolmaker's Set** - Includes two 1-1/4" x 1-5/8" blocks and two clamps. 1" capacity.

T-HANDLE TAP WRENCHES

REVERSIBLE RATCHET TYPE

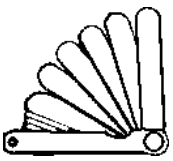
- **#160R -** 2-3/4". Capacity (0 - #8)
- **#161R -** 3-1/2". Capacity (0 - 1/4")
- **#162R -** 4-1/4". Capacity (#12 - 1/2")



PLAIN TAP WRENCH

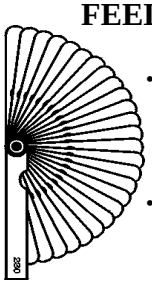
- **#164 -** 2-3/4". Capacity (0 - 1/4")
- **#165 -** 3-3/4". Capacity (#12 - 1/2")

#226T TAPER LEAF FEELER GAUGE



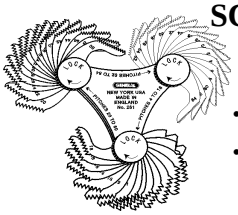
- 3" leaves that taper from 1/2" to 1/4"
- 26 leaves from .0015" to .025"

ECONOMY FEELER GAUGES



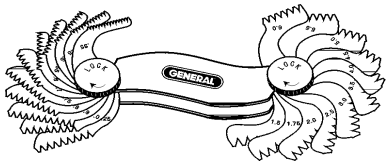
- **#230** - 26 leaf. 3" x 1/2" leaves. From .0015" to .025". Metric from .037 to .635 mm.
- **#232** - 15 leaf. 6" leaves. From .002" to .025". Metric from .051 to .635 mm.

#251 SCREW PITCH GAUGE



- 51 pitches; 4 to 84.
- Pipe thread sizes.

#209 SCREW PITCH GAUGE



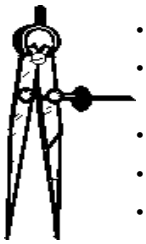
- 22 pitches: 9 to 40.

#778 CENTER GAUGE



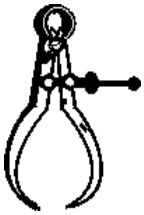
- Used for setting up thread cutting on a lathe.
- Tempered and ground stainless steel.
- Etched graduations in 14ths, 20ths, 24ths and 32nds.

#450 FLAT LEG DIVIDERS



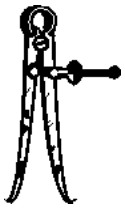
- Forged caliper steel.
- Designed for uniform tension.
- Fully adjustable.
- Hardened points.
- Sizes: 6" & 8"

#452 OUTSIDE CALIPERS



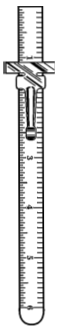
- Forged caliper steel.
- Designed for uniform tension.
- Fully adjustable.
- Sizes: 4" & 6"

#454 INSIDE CALIPERS



- Forged caliper steel.
- Designed for uniform tension.
- Fully adjustable
- Size: 4"

6" STAINLESS STEEL RULES



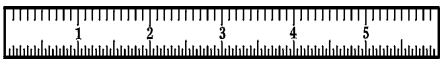
- **#300** - Flexible. 15/32" wide. Side 1 = 32nds & 64ths. Side 2 = Decimal equivalents.
- **#301** - Flexible. 1/4" wide. Side 1 = 32nds & 64ths.
- Comes with pocket clips.

#305ME 6" STAINLESS STEEL RULES



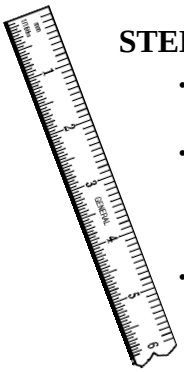
- Flexible.
- 5/32" wide.
- Side 1 = mm & 16ths.

6" STAINLESS STEEL RULES



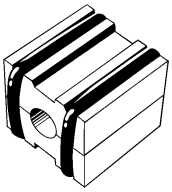
- **#616** - Flexible. 15/32" wide. Side 1 = 10ths & 100ths. Side 2 = 32nds & 64ths.
- **#634** - Flexible. 15/32" wide. Side 1 = 8ths & 16ths. Side 2 = 32nds & 64ths.
- **#678med** - Rigid. 3/4" wide. Side 1 = mm's & 0.5 mm's. Side 2 = 10ths, 20ths, 50ths, 100ths, 16ths, 32nds, & 64ths.

STEEL RULES



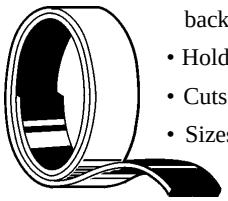
- Satin chrome finish. Ultra fine black graduations.
- **#CF1864** - 18" Rigid. 1-1/8" wide. Side 1 = 8ths & 16ths. Side 2 = 32nds & 64ths.
- **#CF2467me** - 24" Rigid. 1-1/8" wide. Side 1 = 32nds & 64ths. Side 2 = mm's & 0.5 mm's.

#360 MAGNETIZER/ DEMAGNETIZER



- Woorks on screwdrivers, nut runners, wrenches taps and small tools.
- Converts any tool blade into a magnetic retriever for screws, nuts and metallic particles.

MAGNETIC STRIPS



- Flexible strip with adhesive backing. 1/16th thick.
- Holds small metal objects.
- Cuts with scissors.
- Sizes: **#366** - 1/2" x 30"
  #367 - 1/2" x 10 ft
  #368 - 1" x 30"

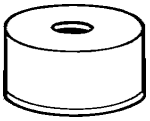
#370 POWER ALNICO MAGNET



- For lifting, holding, sorting, clamping or retrieveing steel or iron parts.
- Hole in top for attaching conveyors, racks, and welding jigs.

Item#	Size	#'s Pull
#370-1	small	2-1/4
#370-2	3/4" x 1-1/8"	13
#370-3	1-3/8" x 1-5/16"	17
#370-4	1" x 1-1/2"	22
#370-6	1-1/8" x 1-3/4"	30
#370-8	1-13/16" x 2-3/16"	32

#374 POT TYPE ALNICO MAGNET

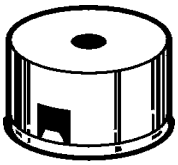


- Strong magnet + insulation ring.
- 1/4-20 threaded hole on top.

Item#	Size	#'s Pull
#374-A	11/16" x 5/8"	6
#374-B	13/16" x 3/4"	10
#374-C	1-1/16" x 1"	18
#374-D	1-3/8 x 1-3/16	35

HAND TOOLS

GENERAL TOOL continued



#372 BUTTON ALNICO MAGNETS

- General purpose. Center hole on top.

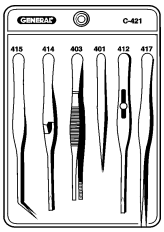
Item#	Size	#'s Pull
#374-A	11/16" x 5/8"	6
#374-B	13/16" x 3/4"	10
#374-C	1-1/16" x 1".	18
#374-D	1-3/8 x 1-3/16	35

Under normal working conditions and temperatures, Alnico magnets will retain their magnetic force indefinitely.

#383X TELESCOPING MAGNETIC PICK-UP



- Extends from 5-1/2" to 23-1/2.
- 6 oz pull.
- Comes with a pocket clip.



TWEEZER SETS

- Various individual sizes of tweezers and forceps.
- **#C421** - 6pc set. Includes a: strong sharp, blunt serrated, blunt (with slide lock), blunt serrated (self-closing), curved and long straight.
- **#C422** - 5pc set. Includes a: blunt soldering, sharp bent, narrow sharp, sharp and spade.



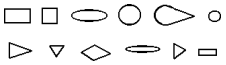
#384 FLEX-O-STIFF

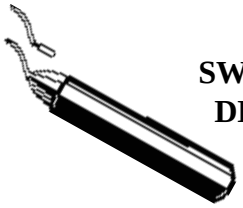
- Magnetic pick-up
- 6 oz pull.
- 18" hold that extends up to 32".



#S475 NEEDLE FILE SET

- Swiss pattern. 12 pc set.
- 5-1/2" lengths. File end views:





#482 SWIVEL HEAD DEBURRING TOOL

- 5" aluminum handle with push button blade.
- #482A blade is for steel, copper, aluminum and plastic.
- #482B blade is for brass and cast iron.



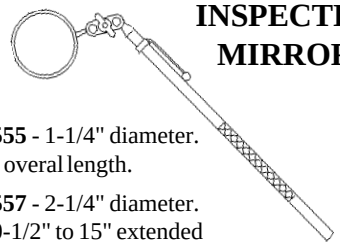
#536 FOLDING POCKET MAGNIFIER

- For laboratory technicians, engineers, mechanics and inspectors.
- Black molded plastic case and rims.
- 1" lens dia. x 1.25" focal length.
- Power: 4.0 & 8.0



#527 EYE LOUPE 5.0 POWER

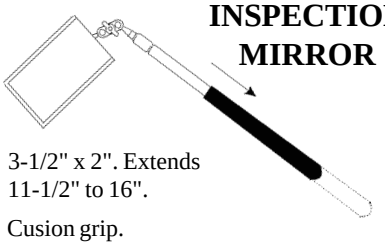
- 1" dia lens x 2" focal length.
- For toolmakers, jewelers, instrument assemblers and others who need clear magnification.



INSPECTION MIRRORS

- **#555** - 1-1/4" diameter. 8" overal length.
- **#557** - 2-1/4" diameter. 10-1/2" to 15" extended length. Cusion grip.

#560 INSPECTION MIRROR

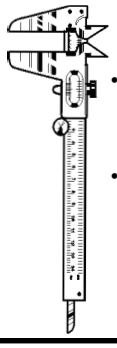


- 3-1/2" x 2". Extends 11-1/2" to 16".
- Cusion grip.



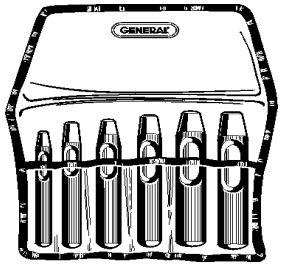
JEWELER'S SCREWDRIVERS

- **#SPC600** - (pictured) - Individual screwdrivers come in plastic pouch. Blade sizes: .001", .080", .070", .055", .040" & .055".
- **#S605** - One screw chuck handle with interchangeable blades. Comes in a free standing plastic stand. Sizes included: .040", .055", .070", .100" & 0 crosspoint.



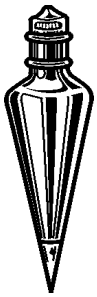
VERNIER CALIPERS

- **#721** - Fractional scale. Graduated in 16ths and 32nds with vernier reading of 1/128th".
- **#723me** - Metric and English scales. Graduated in millimeters and 16ths with vernier reading of 1/10mm.



#1280ST
HOLLOW STEEL PUNCH SET

- For leather, rubber, canvas, cardboard, plastic and other materials.
- Forged steel with side clearance hole.
- Sizes included: 3/16", 1/4", 5/16", 3/8", 7/16" & 1/2"



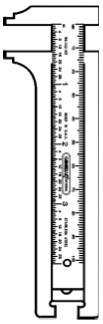
#800
BRASS PLUMB BOBS

- Machined of solid brass, polished and lacquered.
- Replaceable parts.
- Sizes (in ounces): 6, 8, 10, 12 & 16



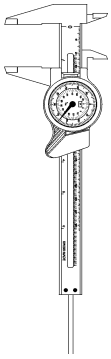
#102
UTILITY MICROMETER

- Range: 0 to 1"
- Accuracy to .001"
- Satin finished frame.



#132ME
POCKET CALIPER

- Graduations in 32nds and mm's.
- Stainless steel slide.
- 3" capacity.
- Decimal equivalents.



#142
PLASTIC DIAL CALIPER

- Direct reading
- Economical construction
- 0 - 6" capacity
- Dial graduated in .01 and 64ths with inch and mm on bar scale.

S & K

1/4" DRIVES

- High polish SuperKrome plating for a jewel-like finish. Corrosion resistant.
- Enclosed ratchet mechanism with triple tooth contact for smooth ratcheting action with little back movement. Diamond knurled grip for sure handling.
- Made in USA.



#40970
4.5" Professional Reversible Ratchet



#40952
Flex Head Handle



#40954
6" Spinner Handle



#40962
6" Extension



#40961
2" Extention



#4913
13pc-6pt Fractional Socket Set

Contains: 4.5" Pro Ratchet, 6" spinner handle, 2", 6" extentions, 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2" standard sockets. Packaged in a metal box.

INDIVIDUAL SOCKETS

1/4" Drive Sockets are available individually in all sizes of standard, deep and 6 point.

3/8" DRIVES

- High polish SuperKrome plating for a jewel-like finish. Corrosion resistant.
- Enclosed ratchet mechanism with triple tooth contact for smooth ratcheting action with little back movement. Diamond knurled grip for sure handling.
- Made in USA.



#45170
7.6" Professional Reversible Ratchet



#45152
10" Flex Head Handle



#45181
16.8" Speeder Handle



#3770
10.8" Professional Bent Flex Head Ratchet

S & K TOOLS

S & K continued

3/8" DRIVES(continued)



#45161
6" Extention

#45162
12" Extention

#45163
18" Extention

#45164
24" Extention



#94512
11pc-6pt FRACTIONAL SOCKET SET

Contains: 7.5" Pro Ratchet; 3" & 6" extensions;, 3/8", 7/16", 1/2", 9/16", 5/8", 11/16" & 3/4" standard sockets; 5/8" spark plug socket. Packaged in a molded plastic case.

INDIVIDUAL SOCKETS

3/8" Drive Sockets are available individually in all sizes of standard, deep, 6 point and 12 point.

1/2" DRIVES

- High polish SuperKrome plating for a jewel-like finish. Corrosion resistant.
- Enclosed ratchet mechanism with triple tooth contact for smooth ratcheting action with little back movement. Diamond knurled grip for sure handling.
- Made in USA.

1/2" DRIVES



#41652
Drive Flex Handle



#40161
5" Extention

#40162
10" Extention



#42470
10.3" Professional Reversible Ratchet



#40181
18.1" Speeder Handle



#4112
12pc - 6 & 12pt FRACTIONAL SOCKET SET

Contains: 10.25" Pro Ratchet; 5" extention; 7/16", 1/2", 9/16" 6 point standard sockets; 5/8", 11/16", 3/4", 13/16", 7/8", 15/16" 12 point standard sockets; 5/8" spark plug socket. Packaged in metal box.

INDIVIDUAL SOCKETS

1/2" Drive Sockets are available individually in all sizes of standard, deep, 6 point and 12 point.



12pt
PROF. FRACTIONAL COMBINATION WRENCHES

- Made in USA
- Wrench box ends feature S&K's patented SureGrip® hex design, which drives the side of the hex, not the corner.
- Both wrench ends are angled for greater access. The box end design features a 15 degree offset head, which allows for greater access and provides more torque with less chance of rounding the hex nut or bolt. The open-end design features a 15 degree rotated head, which allows for improved access over straight head designs.
- Handle edges are rounded for improved gripping and increased user comfort.
- **Available Standard Sizes:** 1/4" to 1-1/4" by the 1/16th fractional
- **Available Metric Sizes:** 7mm to 24mm

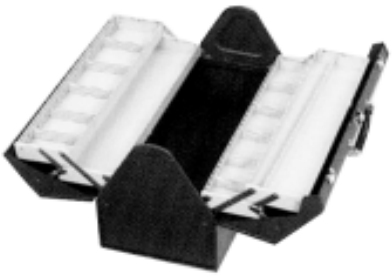
KENNEDY



PROFESSIONAL TOOL BOXES

- Tool boxes include life-out tray, vinyl coated, steel top handle.
- Trays have socket set dividers.
- Brown wrinkle finish, tan enamel trays.

#K20 - 20-1/8" w x 8-5/8" d x 9-3/4" h; 13lbs
#K24 - 24-1/8" w x 8-5/8" d x 9-3/4" h; 14.5lbs



#K1022
22" CANTILEVER TOOL BOXES

- When opened, you can see all your tools at once.
- Movable/removable partitions and divider sets permit you to create six compartments in each of two trays. Includes a divider for storing socket sets.
- Brown wrinkle finish, tan enamel trays.



#10506
HEAVY DUTY SERVICE CART

- Made of 16 gauge steel with a 500lb capacity.
- Comes with 5 x 1-1/4" polymer casters and tubular side handle. Shelves have 2-1/2" sides to keep tools from rolling off.
- Assembly required. Smooth red finish.
- Cart: 30"w x 18"d x 38"h
- Top & bottom shelf: 29-1/2"w x 17-1/2"d x 2-1/2" h
- Middle shelf: 29-1/2"w x 17-1/2"d x 2" h
- Non-stock item



#51205
STANDARD WEIGHT CABINETS

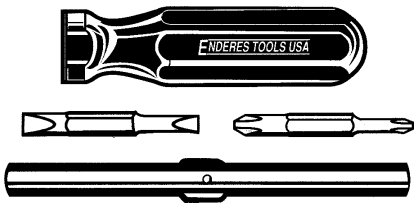
- The 220 lbs capacity drawers have a 90% extention capability and work on four precision ball bearings.
- Drawer interlock system prevents opening more than one drawer at a time.
- Body is 18 gauge steel. Body stiffeners are 16 gauge (top to bottom) steel.
- 5-drawers: all 20-1/2" wide x 20-1/2" deep
  2-drawers have 1-7/16" usable height
  1-drawer has 3-7/16" usable height
  1-drawer has 5-3/8" useable height
  1-drawer has 7-3/8" usable height
- Available in tan only.
- Non-stock item



ROLLER CABINETS

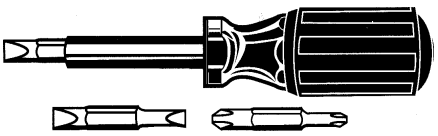
- Side handle and 5 x 2" casters standard
- Cabinet: 27"w x 18"d x 39"h
- Specify brown wrinkle or smooth red finish when ordering. (non-stock item)
- 6-Drawers total:
  3-drawers (23"w x 16-1/2"d x 2"h)
  3-drawers (23"w x 16-1/2"d x 4"h)
- **#376** - Friction slide drawers
- **#376X** - Ball-bearing slide drawers

ENDERES TOOLS



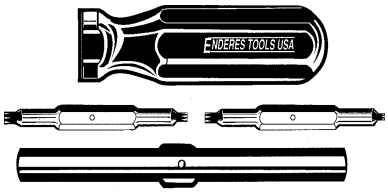
#2180
4-1 SCREWDRIVER

5/16" stock, 7-1/2" OAL



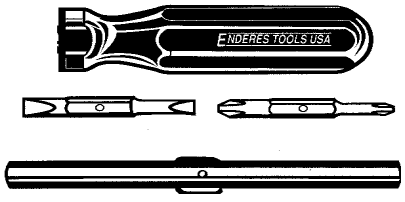
#2151
CUSHION GRIP 6-1 SCREWDRIVER

5/16" stock, 7-1/2" OAL



#2146
4-1 TORX® TYPE SCREWDRIVER

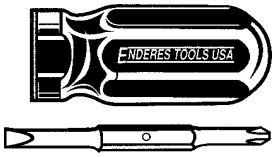
5/16" stock, 7-1/2" OAL



#2139
4-1 MINI SCREWDRIVER

1/4" stock, 5" OAL

ENDERES TOOLS continued



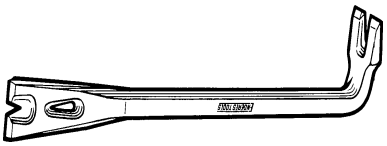
#2180
2-1 STUBBY SCREWDRIVER
5/16" stock, 3-1/4" OAL



#2302
15-1 RATCHETING MAXI-DRIVER
15 different screw head configurations.
1/4" stock, 7-1/2" OAL



EXTRA LONG SCREWDRIVERS
10" Blade length.
#937 - Flat 3/16" (3/16" stock, 13-1/2" OAL)
#939 - Flat 1/4" (1/4" stock, 14" OAL)
#935 - Phillips PB1 (3/16" stock, 13-1/2" OAL)
#936 - Phillips PB2 (1/4" stock, 14" OAL)



#295
D-15 DOUBLE END RIPPING BAR
Forged and heat treated steel
3/4" stock, 18" OAL, 2.53 lbs.



#298
D-16 SPRING STEEL RIPPING BAR
Forged and heat treated steel
1-1/2" stock, 14" OAL, 1.57 lbs.



#318
D-22 MINI BAR
Forged and heat treated steel
1-1/2" stock, 9-1/2" OAL, 0.40 lbs.



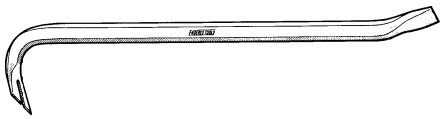
#315
D-21 SINGLE END NAIL PULLER
Cats Paw type - can handle a 30 penny nail
5/8" stock, 10" OAL, 1.10 lbs.



#316
D-23 COMBINATION TOOL
Double ended-Cats paw and pry bar
5/8" stock, 15" OAL, 1.53 lbs.



#317
D-24 DOUBLE ENDED NAIL PULLER
Double ended Cats Paw
5/8" stock, 10-1/2" OAL, 1.07 lbs.



D-33 WRECKING BARS
Goose neck style bars are forged from carbon tool steel. Includes a slotted claw for nail removal and a 1-1/16" "Pinch" end is like a flat chisel for prying & lifting.
#656 - 3/4" stock, **24**" OAL, 3.65 lbs.
#660 - 3/4" stock, **36**" OAL, 5.28 lbs.

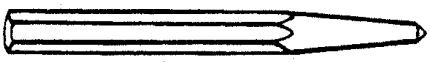


#653
D-28 HEAVY DUTY CONSTRUCTION BARS
Offset claw angle.
7/8" stock, **24**" OAL, 4.5 lbs.



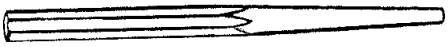
BENT TIP BARS
Designed for heavy duty prying and leveraging.
Forged & heat treated for durability.
#682 - D-40, 7/16" stock, 7" OAL, .65 lbs
#684 - D-41, 7/16" stock, 12" OAL, .91 lbs
#686 - D-42, 1/2" stock, 18" OAL, 1.64 lbs
#688 - D-43, 1/2" stock, 24" OAL, 2.01 lbs
#690 - D44 straight, 1/2" stock 18", OAL, 1.60 lbs

MAYHEW



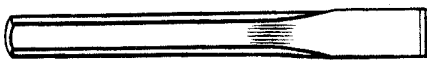
CENTER PUNCH

- For marking work to start drill holes in metal.
- **Sizes:** 1/4", 5/16", 3/8", 1/2" & 5/8"



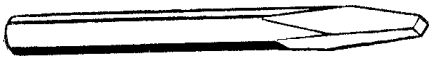
LINING-UP PUNCH

- For alighning and sizing holes for bolts, pins or rivets.
- **Sizes**: 5/32" x 8", 3/16" x 9", 1/4" x 10" & 5/16" x 12"



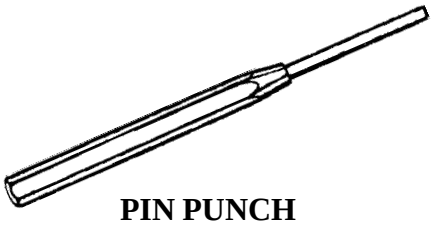
COLD CHISELS

- For general cutting, shaping and removing metal.
- **Standard Sizes**: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8" & 1"
- **12" Sizes**: 1/2", 5/8", 3/4" & 1"
- **18" Sizes:** 5/8", 3/4" & 1"



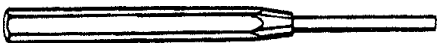
DIAMOND POINT CHISELS

- For cutting V-Grooves or cleaning inside corner.
- **Standard Sizes**: 1/4", 5/16", 3/8", 1/2", 5/8" & 3/4"



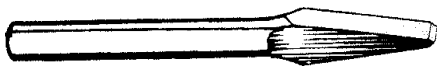
PIN PUNCH

- For driving and removing loosened pins and keys.
- **Standard Sizes**: 1/16", 3/32", 1/8", 5/32", 3/16", & 1/4"



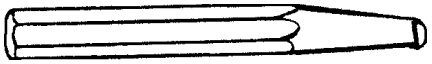
ROLL PIN PUNCH

- For driving and removing spring and roll pins
- **Standard Sizes:** 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8", 7/16", & 1/2"



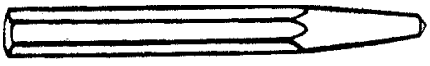
CAPE CHISELS

- For cutting narrow grooves, keyways and slots.
- **Standard Sizes:** 1/8", 3/16", 1/4", 5/16", 3/8", & 1/2"



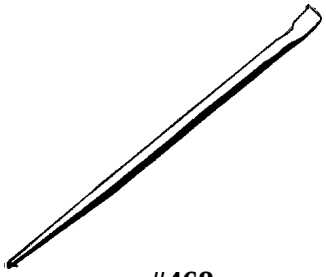
HALF ROUND NOSE SHISELS

- For cutting or cleaning round shaped grooves.
- **Standard Sizes:** 1/8", 3/16", 1/4", 5/16", 3/8", & 1/2"



PRICK PUNCH

- For marking layout lines or piercing holes.
- **Standard Sizes:** 1/4", 5/16", 3/8", & 1/2"

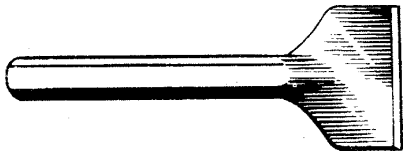


#468 LINE-UP PRY BAR

- 1/2" x 14" tool for moving and adjusting metals or woods.

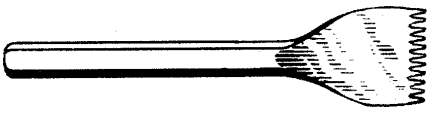
WE REPRESENT:
MAYHEW TOOLS
&
DASCO PRO INC.

DASCO



BRICK SETS

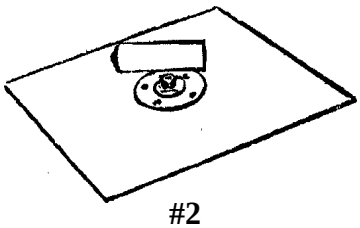
- For scoring, cutting and trimming brick or masonry.
- **Cutting Edge:** 2-1/2", 3", 3-1/2", 4" & 5"



TOOTH CHISELS

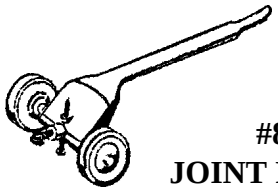
- For cutting soft stone.
- **Cutting Edge:** 1-3/4" & 2-3/4"

MARSHALLTOWN



#2 HAWKS

- 12 ga. aluminum construction.
- 13-1/2" x 13-1/2" with 5" detachable handle.



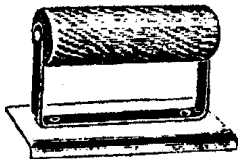
#89 JOINT RAKER

- 1-3/4" skate wheels.
- Adjustable hardened nail. Aluminum handle.



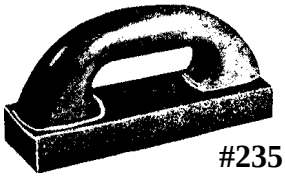
#82 BRICK JOINTER

- For 5/8" & 3/4" joints.
- High carbon steel. Tempered and polished.



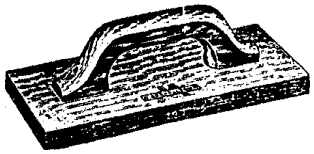
#36 CEMENT EDGERS

- Straight ends.
- 6" L x 3" W. -- 3/8" radius



#235 RUBBING BRICK

- 8" x 3-1/2" x 1-1/2"
- Fluted brick with handle.



#144 WOOD FLOAT

- 12" x 5" x 3/4".
- Clear seasoned wood with smooth wood handle.



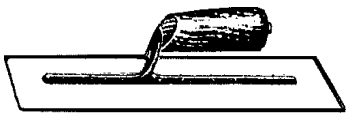
#537 RUBBER FLOAT

- 9-1/2" x 4" x 1/2". Aluminum back, wood handle. Fine pores.



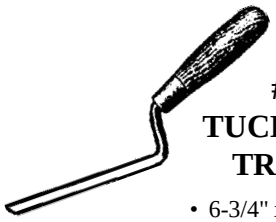
#145 MAGNESIUM FLOAT

- 3-1/2" x 16". Smooth wood handle.
- Both ends are beveled.



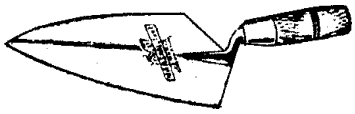
CEMENT FINISHING TROWELS

- **#MC64** - 4" x 14". Steel blade, stiff mounting, wood handle, iron mounting.
- **#MC66** - 4" x 16". (same as above)
- **#MC57** - 3" x 14". (same as above except it has forged aluminum mounting)
- **#MC64** - 4" x 14". (Same as #57)



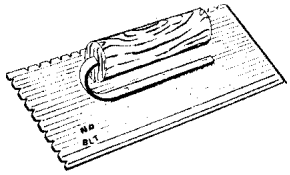
#506 TUCK POINT TROWEL

- 6-3/4" x 1/2".



#19 BRICK TROWELS

- Forged high-grade steel. Tempered, taper ground and polished.
- 6" hardwood handle. 11" x 5-1/2".



#212 NOTCHED TROWELS

- 1/8" U-Notch. Steel tempered blade with wood handle. 9" x 4".

#201 PLASTERING/CEMENT TROWELS

- Smooth edges on 4 sides. Steel tempered blade with wood handle. 11" x 4-1/2".



POINTING TROWELS

- Forged high-grade steel. Hardened wood handle.
- **#45** - 5" x 2-1/2"
- **#46** - 6" x 2-3/4"



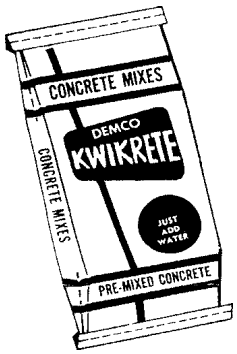
MARGIN TROWELS

- Forged high-grade steel. Hardwood handle.
- **#52** - 5" x 2"
- **#54** - 5" x 1-1/2"



ROCKITE

- Fast setting, hydraulic cement compound. Mix with water.
- Read directions carefully.
- Gray/concrete color.
- For anchoring or plastering walls.
- SIZES: 1#, 5#, 10#, and 50#.



KWIKRETE PRE-MIXED CONCRETE

- **Gravel Mix -** Mixture of cement, sand and gravel. Used for sidewalks, steps, floors patios, retaining walls, pools and for setting clothesline poles or fence posts. 1 bag yields approximately 1/2 cu. ft of wet concrete.
- **Sand Mix -** Mixture of cement and sand. Provides smooth finish for topping or repairing any type of concrete. For patching sidewalks, steps, floors and for grouting or as a dryer in finishing concrete. 1 bag yields approximately 1/2 cu. ft of wet concrete.
- **Masonry Mix** – Mixture of sand and masonry materials for producing a perfect bonding mortar between brick, concrete blocks or stones. Use for pointing chimneys and walls, repairing masonry, for building outdoor fire-places and planters; and for stuccoing or plastering. 1 bag will lay about 43 bricks or 17 concrete blocks; or will stucco or plaster 12 sq. ft. ½" thick.
- **Utility Sand** – All purpose dried sand (contains no chemicals). Use for traction, to prevent slipping on sidewalks, for ballast, etc.
- **Tube-O-Sand** – 70 lbs tubes of sand in durable bag, suitable for ballast in the back of pickups or in the trunks of cars.



DOUBLE FACE SLEDGE HAMMERS

- **Used for gneral sledging operations in striking wood, concrete, metal and stone.**
- Common uses are drifitng timbers and striking spikes, cold chisels, star drills and hardened nails.

Item #	Head Wght	Handle Length	Eye Size
1108200	6 lbs	30"/36" Hickory	1" x 1-3/8"
1120300	10 lbs	32"/36" Hickory	1" x 1-3/8"
1121900	12 lbs	32"/36" Hickory	1" x 1-3/8"
1123400	16 lbs	36" Hickory	1" x 1-3/8"
1110100	8 lbs	33-1/2" FiberPro®	1" x 1-3/8"
1120400	10 lbs	33-1/2" FiberPro®	1" x 1-3/8"

REPLACEMENT HANDLES



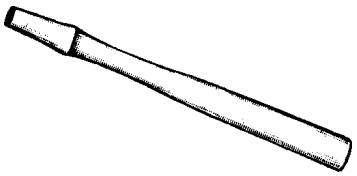
#114 CARPENTER NAIL-CLAW HAMMER HANDLES

16oz Hammer-Eye size 9/16" x 1-1/16"



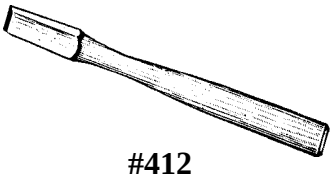
#116F FRAMMING HAMMER HANDLES

20-24oz, Eye size 3/4" x 1-1/4"



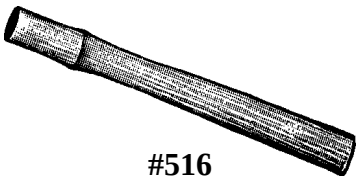
MACHINIST-BALL PEIN HAMMER HANDLES

#212 - 8-12oz, Eye size 7/16" x 3/4"
#214 - 16-20oz, Eye size 17/32" x 29/32"
#216 - 24oz, Eye size 19/32" x 1-1/16"
#218 - 32-48oz, Eye size 11/16" x 1-3/16"



#412 TACK-BRAD HAMMER HANDLES

5-7oz, Eye size 7/16" x 3/4"



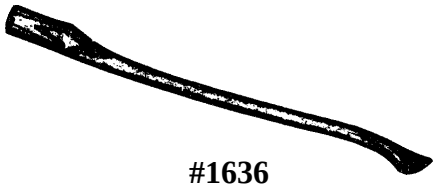
#516 BLACKSMITH-SHOP HAMMER HANDLES

3-4 lbs, Eye size 15/16" x 13/16"



#914 SHINGLING-HALF HATCHET HANDLES

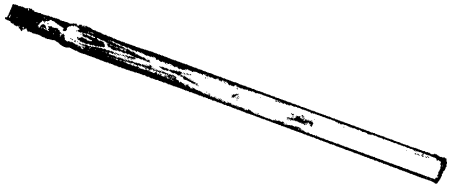
Eye size 5/8" x 1-9/16"



#1636 SINGLE BIT AXE HANDLES

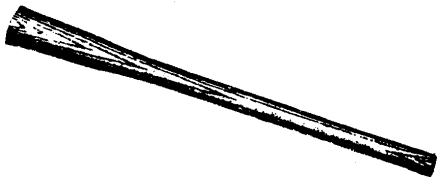
3-5 lbs, Eye size 13/16" x 2-7/16"

SLEDGES & HANDLES



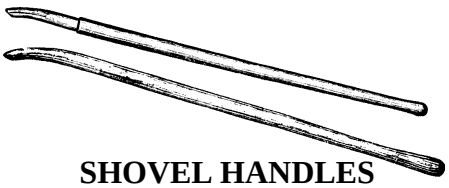
SLEDGE HAMMER HANDLES

#1830 - 6-8 lbs, Eye size 1" x 1-1/4"
#1832 - 8-10 lbs, Eye size 1" x 1-1/4"
#1836 - 10-16 lbs, Eye size 1" x 1-3/8"



#2036
RAIL ROAD PICK

5-9 lbs, Eye size 3-1/8" x 2-1/8"

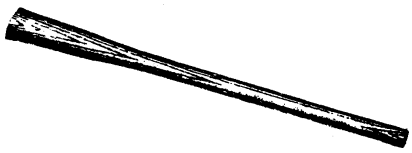


SHOVEL HANDLES

#2348C -- 48" Bent hollowback w/shoulder
#2348 -- 48" Bent razorback w/o shoulder

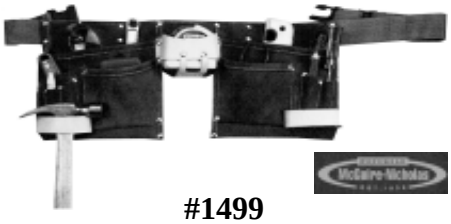


#2430
30" DEE SCOOP HOLLOWBACK WITH SOULDER



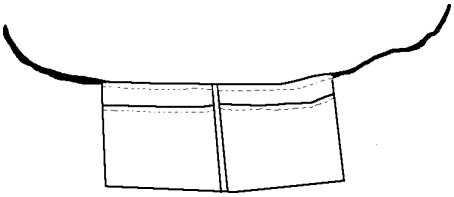
#4936
36" MATTOCK

Eye 2" x 2-3/4"



#1499
11 POCKET WORK APRON

- 6 small tool pockets
- 2 hammer loops & center tape pocket
- Adjustable belt
- Overall size: 20" x 9" x 2"



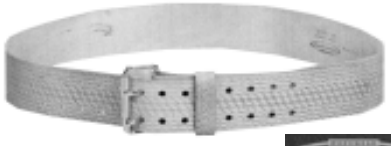
#C17
2 POCKET WAIST APRON

- 2 large flared pockets
- Reinforced at stress points
- Waist ties
- Overall size: 17.75" x 8.75"



#501X
QUICK RELEASE COTTON BELT

- Heavy duty 2" work belt.
- High impact plastic buckle
- Adjustable to fit waists upto 46"
- Overall size: 2.5" x 12" x 2"



#984
ROLLER BUCKLE LEATHER BELT

- Heavy duty double tongue buckle
- Rust resistant hardware
- Cuts off to fit waists from 29" to 46"
- Overall size: 3.75" x 11" x 3"



5 POCKET NAIL & TOOL BAG

- Large main compartment
- Front nail pocket
- 3 small tool pockets
- Leather hammer holder

#423L - hammer hangs left
#423R - hammer hangs right

- Overall size: 10.5" x 13" x 2"



#1720R
45° LARGE CORDLESS DRILL HOLSTER

- Fits medium to large size cordless drills
- Large opening for quick left handed access
- Center balance design
- 2-1/2" belt slots
- Overall size: 7.5" x 13.5" x 3". Leather.



#464
TAPE MEASURE HOLDER

- Fits most models of tape measures
- Easy one hand removal w/ push-up design
- Tape measure secured with back strap & snap
- Leather.



#739
SWINGING HAMMER HOLDER

- Alleviates hammer handle hitting against leg
- Holder helps center hammer
- Lowered loop for easy entry/exit of hammer
- 2-3/4" belt slots
- Overall size: 3.75" x 11" x 3". Leather.



#417
OPEN END PLIERS & TOOL HOLDER

- Designed to fit most pliers
- "V" shaped open end design
- Extra rivet reinforced
- 2" belt slots
- Overall size: 3.5" x 8.5" x 1"



#22036T
HANDYMAN'S BUCKET CADDY

- 36 pocket bucket tool organizer
- Internal drill pocket keeps drill protected
- Tapered tool tunnels for quick access to tools
- Heavy duty canvas
- Fits any 5 gal bucket
- Overall size: 10" x 12" x 3"



#V6355
BUCKLE STYLE EASY-SWIVEL KNEEPADS

- Heavy duty construction throughout
- Heavy plastic front caps for easy knee swiveling
- Thick foam interior for all-day comfort
- One size fits all
- Buckle style fastening system with adjustable straps for convenience, comfort, fit and durability



#319
MOLDED NATURAL RUBBER KNEEPADS

- Flat-bottom design for good support
- One size fits all
- Double adjustable straps for secure fit
- Double poly web straps with side buckle



#5300
MESH BACK SUPPORT BELT

- 8" wide breathable Lycra® Spandex power net mesh back panel
- Doube 4" wide elastic side panels adjustable for custom fit
- 1-1/2" comfortable woven elastic adjustable suspenders
- 4 stays keep belt from rolling
- Tapered front panels for comfort while bending
- Sizes: **M** - fits waists 32" -38"
  L - fits waists 37" - 43"
  XL - fits waists 41" - 49"



HARD HATS
Snap Lock Suspension

- 4-point woven nylon suspension absorbs impact
- Slotted band adjusts easily to fit head sizes 6-1/2 to 7-3/4
- Molded trough around the back and sides channel dust and precipitation away from neck and face
- Low profile and short peak features excel in confined working areas
- Accessory slots are universal to accommodate a variety of protective products for the ear, eye or face
- Available in White, Yellow & Blue colors



HARD HAT LINERS
Heavy Duty Winter Liner

- Heavy duty, warm twill with hi-pile fleece lining
- Non-conductive fasteners and trim
- Medium size - Adjustable straps.
- Fully washable
- Has comfortable chin strap with excellent qualities and features



#860010
FIRST AID KIT
Unitized Kit in Plastic Case

- Serves up to 10 people
- Includes: 1" x 3" Adhesive bandages; 3/4" x 3" Adhesive bandages; Triangular bandage w/ 2 safety pins; 3" x 3" Gauze Pads; 1/2" x 2-1/2" yd. tape; First aid cream;, PVP Pads (PVP Iodine); Alcohol wipes; Instant Cold Pack Jr; 1 pair latex gloves

SAFTY GLASSES



WOLVERINE

- Sleek, wrap-around black frame- no side shield distortion
- Durable light weight Nylon temples
- OSHA approved safety lens (meets ANSI Z87.1 1989 standards)
- Scratch resistant hard coat Polycarbonate lens
- 99.9% protection from UVA/UVB rays
- Lens colors: Smoke (SW116), Silver Mirror (SW117), Blue Mirror (SW118) & Aqua Precision with Red Mirror (SWAP119)



MAZAR

- Sleek, wrap-around black frame with no side shield distortion
- Durable light weight Nylon temples
- OSHA approved safety lens (meets ANSI Z87.1 1989 standards)
- Scratch resistant hard coat Polycarbonate lens
- 99.9% protection from UVA/UVB rays
- Lens colors: Clear (DM111), Yellow (DM112) & Smoke (DM116)



VOLCAN

- Sleek, wrap-around frame with no side shield distortion
- Durable light weight Nylon temples
- OSHA approved safety lens (meets ANSI Z87.1 1989 standards)
- Scratch resistant hard coat Polycarbonate lens
- 99.9% protection from UVA/UVB rays
- Lens colors: Clear (DV111) & Smoke (DV116)

RESPIRATORS



#7019S HALF FACEPIECE RESPIRATOR

Non-Oil Paint Spray, Organic Vapor & Pesticide

- Full array of spare parts makes this product a cost effective respirator solution
- Soft silicone faceseal for maximum wearer comfort
- Versatile facepiece that can be worn as both an air purifying and supplied air respirator

#7022 RESPIRATOR REPLACEMENT CARTRIDGES

Organic Vapor

- Designed to fit the 7000 series respirators
- Includes two cartridges and 6 filters



#7513ES HALF FACEPIECE RESPIRATOR

Paint Spray, Organic Vapor & Pesticide

- Ultimate reusable for comfort and durability
- Advanced silicone material provides a softer feel on the face
- Unique 3M™ Cool Flow™ Exhalation Valve reduces heat and moisture build-up in the facepiece.



#8511 WOODWORK, SANDING & FIBERGLASS RESPIRATOR

- Helps reduce exposure to dust form sanding on particle board, drywall or paints.
- 3M™ Cool Flow™ Exhalation Value for easy breathing and cool, dry comfort.
- NIOSH approved N95 particulate respirator



#8660ES WELDING RESPIRATOR

- Helps provide relief from nuisance-level welding odors
- NIOSH approved N95 particulate respirator



#8656ES LATEX PAINT & ODOR RESPIRATOR

- Helps provide relief from nuisance-level paint odors
- NIOSH approved R95 particulate respirator



#8210 PARTICULATE RESPIRATORS

- Helps proved relief from nuisance-level dust created from grinding, bagging, sanding, sweeping and other dusty operations
- NIOSH approved N95 particulate respirator



#8651ES COMFORT MASKS

- Helps provide relief from the irritating effects of nuisance level household dusts and pollen
- Is NOT a government-approved respirator and will not protect your lungs.

HEARING PROTECTION



#1435 GENERAL PURPOSE EAR MUFFS

- Roomy, durable ear cups provide reliable protection for everyday use.
- The lightweight design and flexible headband provide easy fit and comfort for worker hearing protection
- NRR 23 db*



#1100 FOAM EAR PLUGS

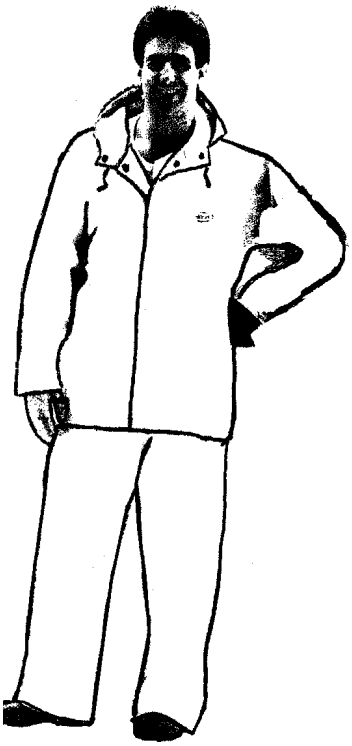
- Soft, comfortable and unobtrusive ear protectors. Recommended for high noise situtions
- Up to 100dBA TWA
- NRR 29 db*



#1110 CORDED FOAM EAR PLUGS

- Foam ear plugs are also available witha cord that drapes around the neck, enabling workers to remove and reinsert plugs repeadtedly during the work day
- NRR 29 db*

* Recent studies suggest that the NRR may overestimate noise reduction under actual use conditions. Therefore, we recommend reducing the NRR by 50% under actual use conditions.



RAINSUITS

- PVC on polyester rainsuit and coat
- 3 pc. suit, with take up snaps at cuffs and ankles
- Large and extra-large sizes
- Detachable hood and collar
- Yellow
- Adjustable elastic suspenders
- Noncorrosive, nonconductive plastic snaps

SAFETY FUEL CANS



TYPE 1 SAFETY CANS

- **1 gal.** capacity
- **5 gal**. capacity

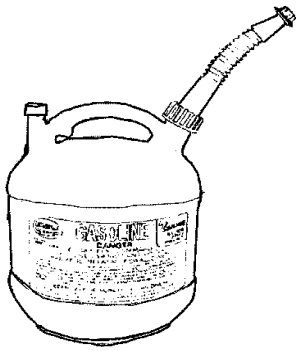
TYPE 2 SAFETY CANS

- **5 gal.** capacity. 1" O.D. flex spout. Explosion resistant



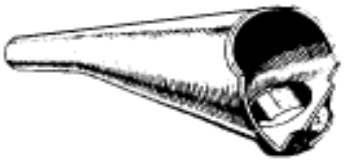
GALVANIZED GASOLINE CAN

- **2-1/2 gal.** capacity
- **5 gal**. capacity
- General purpose design.
- **NOT FOR USE IN APPLICATIONS WHERE SAFETY CANS ARE NEEDED!**



POLYETHYLENE GASOLINE CAN

- **2-1/2 gal.** capacity
- **5 gal**. capacity
- General purpose design, high impact resistant construction.



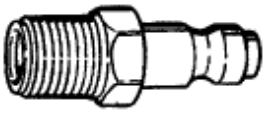
9" POLY FUNNEL

- Heavy duty funnel designed for use with Type 1 Safety Cans.

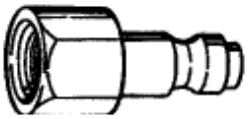
ALWAYS USE EXTREME CAUTION WHEN FILLING AND USING FUEL CANS

TRU-FLATE AIR FITTINGS

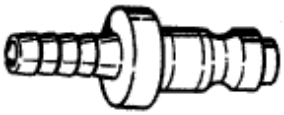
NIPPLES



#75300 - 1/4" Male NPT (1/4" nipple)
#75475 - 1/4" Male NPT (3/8" nipple)
#75306 - 3/8" Male NPT (3/8" nipple)

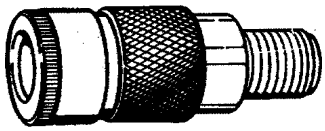


#75308 - 1/4" Female NPT (1/4" nipple)
#75476 - 3/8" Female NPT (3/8" nipple)

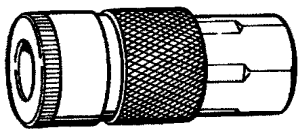


#75470 - 1/4" ID Hose Barb (1/4" nipple)

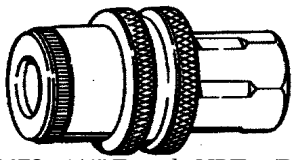
COUPLERS



#75309 - 1/4" Male NPT (1/4" coupler)
#75484 - 3/8" Male NPT (3/8" coupler)



#75315 - 1/4" Female NPT (1/4" coupler)
#75320 - 3/8" Female NPT (3/8" coupler)
#75485 - 1/4" Female NPT (3/8" coupler)



#75478 - 1/4" Female NPT w/Raised Collar (1/4" coupler)

INDUSTRIAL MILTON AIR FITTINGS

NIPPLES



#75301 - 1/4" Male NPT (1/4" nipple)
#75471 - 1/4" Male NPT (3/8" nipple)
#75307 - 3/8" Male NPT (3/8" nipple)



#75302 - 1/4" Female NPT (1/4" nipple)
#75474 - 3/8" Female NPT (3/8" nipple)



#75472 - 1/4" ID Hose Barb

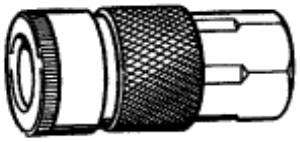
COUPLERS



#75480 - 1/4" ID Hose Barb (1/4" coupler)



#75316 - 1/4" Male NPT (1/4" coupler)
#75483 - 3/8" x 3/8" Male NPT (3/8" coupler)



#75317 - 1/4" Female NPT (1/4" coupler)
#75479 - 3/8" Female NPT (1/4" coupler)
#75321 - 3/8" Female NPT (3/8" coupler)

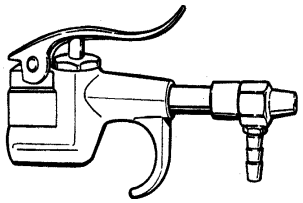
1/4" PUSH-TO-CONNECT STYLE

For wall mounted connections



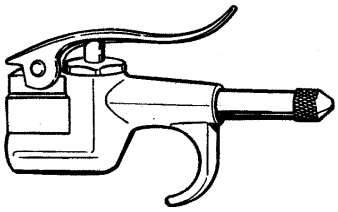
#75520 - 1/4" Female NPT
#75521 - 1/4" Male NPT

BLOW GUNS



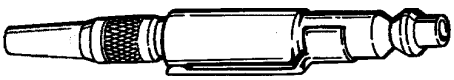
#75330 SIPHON SPRAY & BLOW GUN COMBO

Has barbed inlet that fits 1/4" ID hose. Spray liquids for cleaning parts, applying protective coatings or cleaning engines. (Must be used on regulated 30 psi airline)



#75332 SAFETY BLOW GUN

Small lightweight with vented nozzle.



ADJUSTABLE POCKET BLOW GUN

1/4" Male nipple (industrial design)

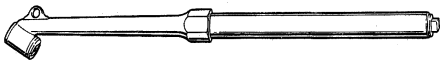
These are to be used on a regular 30 psi airline. A quick turn of the body adjusts air flow from a small amount of air to full volume. Comes complete in Tru-Flate design (#75333) or Industrial Design (#75334) with a handy pocket clip. Max recommended air pressure 150 psi.

AIR GAUGES



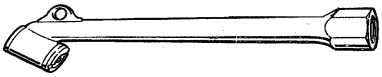
#75346
TRUCK TIRE GAUGE

Ideal for higher pressure applications such as trucks, vans, pickups, and sir shocks. Calibrated 4 sides 20-120 psi in 2 lb units and in 160-880 kpa in 20 kpa units. Has recessed deflation pin. Complete with pocket clip, easy to read bar and chrome finish.



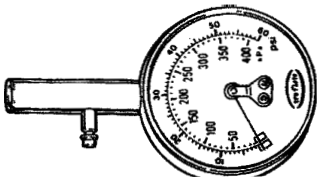
#75347
DUAL FOOT SERVICE GAUGE
10-160 lbs

Designed for heavy duty use, accurate and dependable. Has 6" extension to reach the inner and outer wheels of duals. 2 sided nylon bar calibrated 20-130 psi. Complete with hang-up ring.



#75349
DUAL FOOT AIR CHUCK

1/4" NPT for servicing air valves on trucks and buses and RVs with dual wheels. Complete with hang-up ring.



#75528
DIAL TIRE GAUGE
10-60 psi

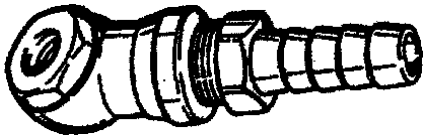
This professional type dial make of drawn steel casing with a nickel plated brass chuck is easy to read and automatically resets. It also has a pressure release valve. Used on passenger cars, vans & light trucks.

AIR CHUCKS



#75340
DIRECT LINE AIR CHUCK

1/4" Female NPT with built in shut off. (Cannot be used with inflator gauges)



#75489
AIR CHUCK WITH 1/4" ID HOSE BARB

FILTERS & REGUALTORS



#75545
MINI FILTER
1/4" NPT 25 CFM at 150 PSI/5 MICRO ELEMENT



#75546
MINI REGULATOR
1/4" NPT 16 CFM at 300 PSI / 2-1/8"NPT GAUGE

AIRHOSE



PVC AIR HOSE

General purpose hose. High quality, economical, light-weight and very flexible. 0-150 range. Grease and oil resistant as well as excellent resistance to abrasion and weathering. 4:1 working pressure safety factor. Now shrink wrapped and labeled for p.o.p. (1200 lb burst strength)

- **#75408** - 3/8" dia, 25' length, 300# psi, 3/8" fittings.

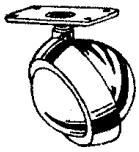


RECOIL AIR HOSE

Manufactured of tough abrasive resistant bylon, temp -20 to 175° F. Extends to 25 times its stored length, yet coils up when not in use. Bringht yellow with swivel assembly. 1/4'

- **#75418** - 1/4" dia, 25' length, 20# psi, 3/8" fittings.

We carry a full line of Forney Products. If you don't see it, we can get it!



BALL CASTERS

- 2-1/2" diameter
- Flat plate, swivel base
- Die-cast wheel
- 80# load capacity per wheel



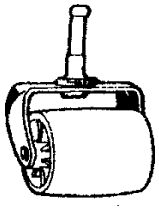
FURNITURE CASTER
PLATE TYPE

- 1-5/8" white plastic wheel
- Ball-bearing, swivel plate
- 60# load capacity per wheel



FURNITURE CASTER
STEM TYPE

- 1-5/8" white plastic wheel
- Ball-bearing, swivel plate
- 60# load capacity per wheel



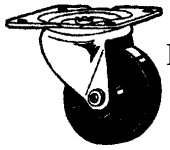
BED ROLLERS

- For wood or metal frames
- Stem type - 2" dia x 2-1/2" wide
- Mounting sockets included for use in leg with 1/2" ID hole
- 125# load capacity per wheel



HEAVY DUTY FURNITURE CASTER

- 2" black rubber wheel
- Antique copper body
- Flate plate base
- 80# load capacity per wheel



RUBBER SWIVEL CASTER
HEAVY DUTY

- 2-1/2" x 1-1/8" black rubber wheel
- General purpose design with ball bearing swivel
- 100# load capacity per wheel



PLASTIC FURNITURE CUPS

- 2" square. Clear finish
- 4/cd



RUBBER CASTER CUP SQUARE

- 1-3/4" square
- Non-marking brown rubber
- 4/cd



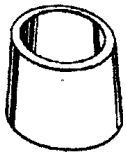
RUBBER CASTER CUP ROUND

- 1-3/4" round
- Non-marking brown rubber
- 4/cd



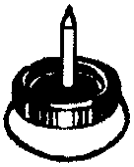
PLASTIC LEG TIPS

- 1" white
- Fits round wood or metal legs
- Works on angled or straight legs



RUBBER CRUTCH TIPS

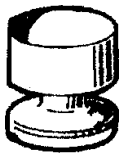
- White. Prevents floor markings
- Sizes: 5/8", 3/4", 7/8", 1", 1-1/8" & 1-1/4"



RUBBER CUSHION NAIL-ON GLIDES

- For use on wooden legs
- 7/8" diameter steel base
- 7/8" diameter nylon base

SWIVEL GLIDE



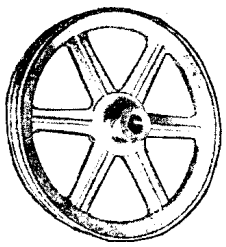
- 1" diameter
- Straight ferrule
- Plastic base
- For tubular metal or wood legs



DOMES OF SILENCE

- Hardened and highly polished steel
- 3 prongs that are driven into wood
- 4/cd
- Sizes: 1/2", 5/8" & 3/4"

V-GROOVE PULLEYS
For "A" 1/2" Belts



V-PULLEYS

Outside Dia	Arbors 1/2"	5/8"	3/4"
1-1/2"	X		
1-3/4"	X	X	X
2"	X	X	X
2-1/2"	X	X	X
3"	X	X	X
3-1/2"	X	X	X
4"	X	X	X
5"	X	X	
6"	X	X	



SMOOTH STEEL RODS
Round Stock

- Designed for axles on wagons, carts, etc. and other do-it-yourself projects.
- Can be drilled, cut, heated, shaped, etc.
- Zinc Finish
- **Sizes**: 3/16" x 36"; 1/4" x 48"; 5/16" x 48"; 3/8" x 48" & 3/8" x 72"



SMOOTH BRASS RODS
Round Stock

- These rods have good machining characteristics and are designed for industrial applications. However, rods are not recommended for welding.
- Solid brass is corrosion resistant
- Meets ASTM Specification B-16
- **Sizes**: 1/8" x 36"; 3/16" x 36"; 1/4" x 36"



PLAIN STEEL TUBES
Round

- This general purpose round steel tubing is designed for commercial and industrial applications
- Meets ASTM Specification A-513
- Tubing is electric-resistance welded
- **Sizes**: 1/2" x 48"; 3/4" x 48"; 1" x 48"



PLAIN STEEL TUBES
Square

- This general purpose round steel tubing is designed for commercial and industrial applications
- Meets ASTM Specification A-513
- Tubing is electric-resistance welded
- **Sizes**: 3/4" x 48"; 1" x 48"



PLAIN STEEL HOT-ROLLED
1/8" Flat

- These flats have excellent forming and welding characteristics and are designed for many industrial and construction applications
- Meets ASTM Specification A-569
- Plain steel finish

Width	Length
1/2"	48"
3/4"	48"
1"	48"
1-1/4"	48"
1/2"	72"
3/4"	72"
1"	72"
1-1/4"	72"
1-1/2"	72"



SLOTTED STEEL FLATS
Galvanized

- Designed for sturdy hanging or bracing. Holes are punched to match when used with slotted angles.
- High corrosion-resistant galvanized finish
- **Size**: 1-3/8" x 36"



THREADED STEEL RODS
Fine Thread

- Designed for hanging, connecting, clamping and supporting in plumbing heating and electrical applications and other do-it-yourself projects.
- Consists of UNF fine threads
- Can be drilled, heated, shaped, etc. Meets SAE Grade 2
- **Sizes**: 1/4"-28 x 36"; 5/16"-5/16 x 36"; 3/8"-24 x 36" & 1/2"-20 x 36"



THREADED RODS
Galvanized

- Designed for hanging, connecting, clamping and supporting in plumbing, heating and electrical applications and other do-it-yourself projects
- Consists of UNC coarse threads
- Can be drilled, heated, shapped, etc.
- Equivalent to SAE Grade 2 bolts
- **Size**s:

#6-32" x 36"	3/8"-16 x 36" & 72"
#8-32" x 36"	1/2"-13 x 36" & 72"
#10-24" x 36"	5/8"-11 x 36" & 72"
1/4"-20 x 36" & 72"	3/4"-10 x 36" & 72"
5/16"-18 x 36" & 72"	7/8"- 9 x 36" & 72"
	1"- 8 x 36" & 72"



COUPLERS FOR
THREADED ROD

- Designed to connect two pieces of threaded rod.
- Available in UNC coarse thread sizes
- Offers corrosion-resistant zinc plating. Meets SAE Grade 2.
- **Sizes**: 10-24 thru 3/4"-10



PLAIN STEEL
HOT ROLLED ANGLES

- These angles have excellent forming and welding characteristics and are designed for many industrial applications.
- Meets ASTM Specification A-36
- **Sizes**: 1/2" x 1/2" x 48"
  3/4" x 3/4" x 48"
  1" x 1" x 48"
  1-1/4" x 1-1/4" x 48"
  1-1/2" x 1-1/2" x 48"
  2" x 2" x 48"

RODS & ANGLES continued



SLOTTED STEEL ANGLES
Galvanized

- These angles are designed for mounting garage door openers, building frames, tables, work benches, equipment stands, etc., and for many repair and construction projects. They are slotted for easy attachment.
- High corrosion-resistant galvanized finish
- **Sizes**: 1-1/2" x 36"; 1-1/2" x 60"; & 1-1/2" x 72"



SQUARE KEY STOCK

- Designed as a wedge or locking device in shaft keyways to transmit the torque in motors or machines
- Can be cut or bent to almost any shape
- Edges are smooth
- **Sizes**: 1/8" x 12"; 3/16" x 12"; 1/4" x 12"'; 5/16" x 12"; 3/8" x 12"; 1/2" x 12"

HAVE A HARD TO FIND ITEM?

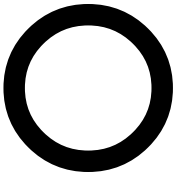
NO PROBLEM!

WE WILL FIND IT FOR YOU!



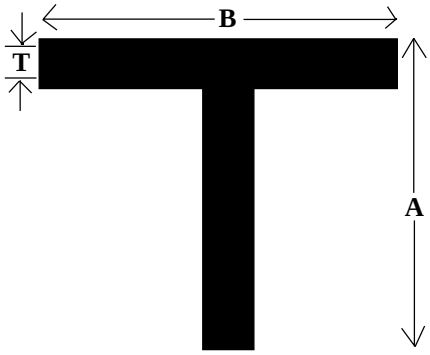
M-D
ALUMINUM FLAT BAR
ANODIZED

Item#	Length	Width	Thickness
61002	72"	3/4"	1/16"
61010	72"	1"	1/16"
61036	72"	1/2"	1/8"
61044	72"	3/4"	1/8"
61051	72"	1"	1/8"
61077	72"	1-1/2"	1/8"
61085	72"	2"	1/8"
61101	72"	1"	1/4"
62018	96"	1"	1/16"
62026	96"	1-1/2"	1/16"
62034	96"	1/2"	1/8"
62042	96"	3/4"	1/8"
62059	96"	1"	1/8"
62075	96"	1-1/2"	1/8"



M-D
ALUMINUM
ROUND TUBING-MILL

Item#	Length	Dia.	Thickness
58420	72"	5/8"	.055"
58438	72"	3/4"	.055"
58453	72"	7/8"	.055"
58461	72"	1"	.055"
58479	72"	1-1/4"	.055"



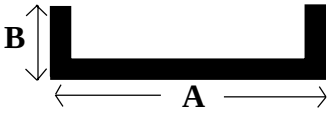
M-D
ALUMINUM TEE-MILL
#59634 - 96" Length

A - 3/4"; B - 1" ; T - 1/16"



M-D
ALUMINUM ANGLE EQUAL LEG-MILL

Item#	Length	Width	Thickness
61645	48"	1/2"	1/16"
60848	48"	3/4"	1/16"
60855	48"	1"	1/16"
60863	48"	1-1/2"	1/16"
61635	48"	2"	1/16"
61650	48"	1/2"	1/8"
60871	48"	3/4"	1/8"
60889	48"	1"	1/8"
60822	48"	1-1/4"	1/8"
60897	48"	1-1/2"	1/8"
60830	48"	2"	1/8"
58214	72"	1/2"	1/16"
58230	72"	3/4"	1/16"
58255	72"	1"	1/16"
58289	72"	1-1/2"	1/16"
58305	72"	2"	1/16"
58222	72"	1/2"	1/8"
58248	72"	3/4"	1/8"
58263	72"	1"	1/8"
58271	72"	1-1/4"	1/8"
58297	72"	1-1/2"	1/8"
58313	72"	2"	1/8"



M-D
ALUMINUM
CHANNEL - MILL

Item#	Lgth	A	B	Thickness
58503	72"	25/64"	1/2"	1/16"
58511	72"	33/64"	1/2"	1/16"
58529	72"	41/64"	1/2"	1/16"
58537	72"	57/64"	9/16"	1/16"
58552	72"	1"	1"	1/8"

Omaha Wholesale Hardware
1201 Pacific Street, Omaha, Nebraska 68108
TOLL FREE 1-800-238-4566
Omaha Phone 1-402-444-1650 / FAX 1-800-538-4566

APPENDIXES


Friendly, Knowledgeable Staff Available to Help Find What Your Looking For.
Omaha Phone 1-402-444-1650 / FAX 1-800-538-4566 -- M-F, 7:30am to 5:30pm CST

CREDIT APPLICATION A

Business Name:_____ Date:_____

Street Address:_____ City:_____ State:_____ Zip:_____

Business Phone:_____ Fax:_____

Billing Address:_____ City:_____ State:_____ Zip:_____

Type of Business:_____ Date Established_____

Business Operates as:_____ **Credit Line Requested:**_____

☐ Corporation ☐ Partnership ☐ Sole Proprietorship

D & B #_____

Federal ID/Social Security #_____ Tax Exempt #_____

(Attach Signed Copy)

Principal Officers:

Name:_____ Title:_____

Address_____

Name:_____ Title:_____

Address_____

Are Purchase Order Numbers Required?_____ Yes_____ No Verbal or Written

Credit References:

Company:_____ Phone:_____ Fax:_____

Address:_____ City_____ State:_____ Zip:_____

Company:_____ Phone:_____ Fax:_____

Address:_____ City_____ State:_____ Zip:_____

Company:_____ Phone:_____ Fax:_____

Address:_____ City_____ State:_____ Zip:_____

Bank Reference:_____ Account Number:_____

Phone/Fax:_____ Contact Name:_____

The undersigned in consideration for the terms stated herein and for the extension of credit by Johnson Hardware hereby agrees that the terms of the sale are "payment in full by 30th date of invoice." The invoice(s) become past due if not paid by the 30th day of the date of invoice, and further, a 1-1/2% per month service charge (18% per annum) will be added on any past due portion. There will be a 35% Restocking Charge on all merchandise returned for credit. No credit for merchandise returned after 15days. Special order items may not be returned. If, it becomes necessary to employ the services of a collection agency, all cost and charges due to collection agency incurred in collecting delinquent amounts from Applicant, shall be added to the obligations of the Applicant. In the event of default in payment, and if the same is place in the hands of an attorney for collection, the undersigned agrees to pay all costs of collection, including attorney's fee. The undersigned does hereby certify that the information contained on this application is true and correct, and further agrees that any changes in ownership or officers or form that the business operate shat be made known to Johnson Hardware Co. LLC, Box 3628, 1201 Pacific St, Omaha, NE 68108. This notice shall be in writing and mailed to Johnson Hardware Co. LLC by certified US Mail.

Signed:_____ By:_____ Title:_____

Signature Name Printed Title

APPENDIX A

B CREDIT APPLICATION

PERSONAL GUARANTY

To: Omaha Wholesale Hardware
Please sell and deliver to (company name) _____
or representatives, on your usual credit terms of sale, 2% 10 days, net 30 days, such goods, wares and merchandise as they or their representatives may order or select, and in consideration thereof I/we hereby fully guarantee and hold myself/ourselves personally responsible for the payment at maturity of the purchase price of all such goods, wares and merchandise so sold or delivered, whether evidenced by open account, acceptance, note or otherwise. I/We hereby waive notice of acceptance hereof, amuonts of sales, dates of shipments or deliveries, notice of default in payment and legal proceedings against the purchasers.

This is intended to be, and shall be construed to be, a continuing Guaranty applying to all sales made by you to the aforesaid, and shall not be revoked by the death of the Guarantor(s) but shall remain in full force and effect until I/we or my/our Executors or Administrators shall have given notice in writing to make no further advances on the security of this Guaranty, and until such notice shall have been received by you.

It is understood and agreed that there is no limit to my/our liability under this Guaranty.

Now, should it become necessary to place this Guaranty with an attorney for collection, suit or other legal action, I/we hereby agree to pay all costs of such collections, suit or other legal action, including a reasonable attorney's fee.

WITNESS my/our hand(s) and seal(s) this _____ day of _____, 19 _____

Witness: Guarantor(s):

_____ _____ (L.S.)

_____ _____ (L.S.)

_____ _____ (L.S.)

OFFICE USE ONLY

1. Company Name _____

Person Contacted _____ Date _____

Sold Since _____ Date of Last Sale _____ High Credit _____

Amount Now Owing _____ Current _____ Past Due _____

Terms _____ Discounts ☐ Yes ☐ No

Pay Experience Excellent Good Slow 31-60 61-90 90 + Days

Comments _____

_____

2. Company Name _____

Person Contacted _____ Date _____

Sold Since _____ Date of Last Sale _____ High Credit _____

Amount Now Owing _____ Current _____ Past Due _____

Terms _____ Discounts ☐ Yes ☐ No

Pay Experience Excellent Good Slow 31-60 61-90 90 + Days

Comments _____

_____

3. Company Name _____

Person Contacted _____ Date _____

Sold Since _____ Date of Last Sale _____ High Credit _____

Amount Now Owing _____ Current _____ Past Due _____

Terms _____ Discounts ☐ Yes ☐ No

Pay Experience Excellent Good Slow 31-60 61-90 90 + Days

Comments _____

_____

Approved By _____ Date _____ Credit Limit _____

Terms _____ Comments _____

Resale Certificate

Firm Name _____

I Hereby Certify
That I hold valid reseller's permit No. _____
issued pursuant to the Sales and Use Tax Law, that I am engaged in the business of selling _____

_____
that the locks and or hardware items which I shall purchase from Omaha Wholesale Hdw. will be resold by me in the form of tangible personal property; provided, however, that in the event any such property is used for any purpose other than retention, demonstration, or display while holding it for sale in the regular course of business, it is understood that I am required by the Sales and Use Tax Law to report and pay for the tax, measured by the purchase price of such property.

Date _____ Phone _____

Address _____

City _____ State _____ Zip _____

Signature _____ Title _____

Taxpayer Identification Number and Certification

Name Or Firm Name _____

Address _____

_____

Social Security Number _____ - _____ - _____
or
Employer Identifcation Number _____ - _____
Certification I certify that:
1) The number shown on this form is my correct taxpayer identification number and
2) I am not subject to backup withholding because a) I am exempt from backup withholding, or b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding withholding as a result of failure to report all interest of dividends, or c) the IRS has notified me that I am no longer subject to backup withholding.

Signature _____ Date _____

By _____ Title _____

ANSI	FINISH DESCRIPTION	BASE MATERIAL	US FINISH
600	PRIMED FOR PAINTING	STEEL	USP
602	CADMIUM PLATED	STEEL	US2C
603	ZINC PLATED	STEEL	US2G
604	ZINC PLATED AND DICHROMATE SEALED	STEEL	ST4C
605	BRIGHT BRASS, CLEAR COATED	BRASS	US3
606	SATIN BRASS, CLEAR COATED	BRASS	US4
611	BRIGHT BRONZE, CLEAR COATED	BRONZE	US9
612	SATIN BRONZE, CLEAR COATED	BRONZE	US10
613	OXIDIZED SATIN BRONZE, OIL RUBBED	BRONZE	US10B
618	BRIGHT NICKEL PLATED, CLEAR COATED	BRASS, BRONZE	US14
619	SATIN NICKEL PLATED, CLEAR COATED	BRASS, BRONZE	US15
622	FLAT BLACK COATED	BRASS, BRONZE	US19
625	BRIGHT CHROMIUM PLATED	BRASS, BRONZE	US26
626	SATIN CHROMIUM PLATED	BRASS, BRONZE	US26D
628	SATIN ALUMINUM, CLEAR ANODIZED	ALUMINUM	A28
629	BRIGHT STAINLESS STEEL	STAINLESS STEEL	S32
630	SATIN STAINLESS STEEL	STAINLESS STEEL	S32D
632	PLATED BRIGHT BRASS, CLEAR COATED	STEEL	F3
633	PLATED SATIN BRASS, CLEAR COATED	STEEL	F4
639	PLATED SATIN BRONZE, CLEAR COATED	STEEL	F10
640	PLATED OXIDIZED SATIN BRONZE, OIL RUBBED	STEEL	F10B
643	PLATED SATIN BRONZE, BLACKENED	STEEL	F10A
645	BRIGHT NICKEL PLATED, CLEAR COATED	STEEL	F14
646	SATIN NICKEL PLATED, CLEAR COATED	STEEL	F15
651	BRIGHT CHROMIUM PLATED	STEEL	F26
652	SATIN CHROMIUM PLATED	STEEL	F26D
666	PLATED BRIGHT BRASS, CLEAR COATED	ALUMINUM	A3
667	PLATED SATIN BRASS, CLEAR COATED	ALUMINUM	A4
668	PLATED SATIN BRONZE, CLEAR COATED	ALUMINUM	A10
669	BRIGHT NICKEL PLATED	ALUMINUM	A14
670	SATIN NICKEL PLATED	ALUMINUM	A15
672	BRIGHT CHROMIUM PLATED	ALUMINUM	A26
673	ALUMINUM CLEAR COATED	ALUMINUM	A92
681	BRIGHT CHROMIUM PLATED	ZINC	Z26
682	SATIN CHROMIUM PLATED	ZINC	Z26D
688	SATIN ALUMINUM GOLD ANODIZED		US4
689	ALUMINUM PAINTED		SA, AL
690	DARK BRONZE PAINTED		EN, 65, SB US20, 313 KPD-DARK DB
691	BRONZE ENAMEL PAINTED		BL, DBL, EP
696	BRASS ENAMEL PAINTED		EAB, GB 63
	MECHANICALLY GALVANIZED		ST2H
	STATUARY BRONZE PAINTED		STAT

L.H. LOCK
INSIDE
L.H. HINGE JAMB
OUTSIDE KEY SIDE
L.H. STRIKE JAMB
LEFT HAND DOOR (SWING IN)
LEFT HAND FRAME
R.H. LOCK
R.H. ACTIVE
INSIDE
INACTIVE
L.H. HINGE JAMB
L.H. ASTRAGAL
R.H. HINGE JAMB
KEY SIDE OUTSIDE
PAIR OF DOORS - RH ACTIVE
(SWING IN) DOUBLE DOOR
FRAME - RH ACTIVE
R.H. LOCK
R.H. STRIKE JAMB
INSIDE
OUTSIDE KEY SIDE
R.H. HINGE JAMB
RIGHT HAND DOOR (SWING IN)
RIGHT HAND FRAME
L.H. LOCK
L.H. ACTIVE
INSIDE
INACTIVE
L.H. HINGE JAMB
R.H. ASTRAGAL
R.H. HINGE JAMB
OUTSIDE KEY SIDE
PAIR OF DOORS - LH ACTIVE
(SWING IN) DOUBLE DOOR
FRAME - LH ACTIVE

ORDER FORM

BILL TO

Company_____

Address_____

City, State, Zip_____

Attn._____

SHIP TO

Company_____

Address_____

City, State, Zip_____

Attn._____

Phone_____

Quantity	Model or Item Number	Description	Unit Price	Total

ORDERED BY

Name_____ Title_____

Phone_____

Purchase Order No._____

Tax Exempt No._____

Signature_____ Date_____

Subtotal	
Freight/Handling	
TOTAL ➤	

Send form to:

OMAHA WHOLESALE HARDWARE
FAX: 1-800-538-4566 / 1-402-444-1664
E-mail: sales@omahawh.com
1201 Pacific Street
Omaha, NE 68108

ORDERFORM

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Company_____

Address_____

City, State, Zip_____

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Attn._____

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Company_____

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City, State, Zip_____

Attn._____

Phone_____

Quantity	Model or Item Number	Description	Unit Price	Total

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Purchase Order No._____

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Signature_____ Date_____

Subtotal	
Freight/Handling	
TOTAL ➤	

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FAX: 1-800-538-4566 / 1-402-444-1664
E-mail: sales@omahawh.com
1201 Pacific Street
Omaha, NE 68108

OMAHA WHOLESALE HARDWARE

1201 Pacific St., Omaha, NE 68103
1-800-238-4566 / FAX 1-800-538-4566
402-444-1650 / 402-444-1664
sales@omahawh.com

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Industrial Supplies
Locksmith Supplies
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Omaha, NE 68108

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PERMIT NO. 1350

7:30 a.m. - 5:30 p.m. CST Monday thru Friday