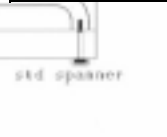
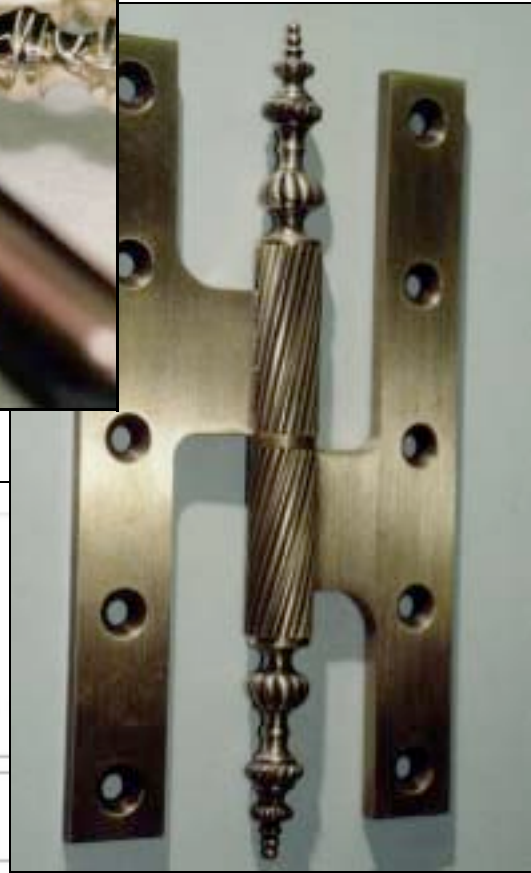


Custom Shop Idea Book



Since 1947



The Gregory - Portland, OR

Tice Industries has been manufacturing commercial builders hardware since 1947. Now in our third generation and going strong, we strive to provide a quality product that will stand the test of time.

We are a specialized manufacturing facility that produces high-quality, metal hardware from the finest materials. Our experience ensures that your dreams can, and will, be realized. We are the people to see when you are looking for that special job. We enjoy a challenge. Our CAD-CAM Manufacturing facility can produce the most challenging projects. With our affiliates in computerized pattern development and investment castings, the unique can be accomplished.

Whether it's standard commercial door hardware or custom residential builders hardware, Tice Industries can handle it!

Tice Industries, Inc.

Catalog Index

1. Door Pulls / Flush Pulls
2. Door Pulls
5. Push Bars
6. Push / Pulls
8. Mounting hardware, fasteners
9. Spanners & Squeeze Nuts
10. Kick Plates, Edgings
11. Push & Pull Plates
12. Occupancy Indicators
13. Exit Device Shims
14. Shims & Spacers



Available Metal Finishes

B.H.M.A.	U.S.	Description	Base Metal
605	US3	Bright polished, clear coated	Brass, A360
606	US4	Satin polished, clear coated.	Brass, A360
609	US5	Satin, Blackened, Relieved, clear coated	Brass, A360
611	US9	Bright polished, clear coated	Bronze, A220 Commercial
612	US10	Satin, clear coated	Bronze, A220 Commercial
613	US10B	Satin, Oxidized, Oil rubbed	Bronze, A220
625	US26	Bright Chrome Plated	Brass, Bronze
626	US26D	Satin Chrome Plated	Brass, Bronze
628	US28	Satin, Clear anodized	Aluminum
629	US32	Bright Polished	Stainless Steel, A400
630	US32D	Satin Polished	Stainless Steel, A304

ABBREVIATIONS

General

NA	Not Available
NQD	No Quantity Discount
POR	Price on Request
NTE	Not to Exceed
THK	Thick
W	Width
X	By or Width
O/S	Offset
B/N	Between

Handing

RH	Right Hand
LH	Left Hand
RHR	Right Hand Reverse
LHR	Left Hand Reverse
O/A	Overall
OD	Outside Diameter / Dimension
ID	Inside Diameter / Dimension

Door Types

DR	Door
HM	Hollow Metal
WD	Wood Door
GL	Glass
SA	Single Acting
DA	Double Acting
NS	Narrow Stile

Fasteners

MS	Machine Screws
CSMS	Counter-Sunk Machine Screw
SMS	Sheet Metal Screw
SPHD	Spanner Head Screw
OH	Oval Head
FW	Finish Washer
MTG	Mounting
BTB	Back to Back
TB	Thru Bolt
R	R Rings (Stile Plates)

Bevel Options

B0E	No Bevels
B3E	Bevel 3 Edges
B4E	Bevel 4 Edges
W	Waterfall Bevel
RC	Round Corners
RE	Round Ends
CFC	Cut For Cylinder
EN	Engraved

Metals

AL	Aluminum
BZ	Bronze, Commercial
BR	Brass
SS	Stainless Steel

DOOR PULLS / FLUSH CUPS

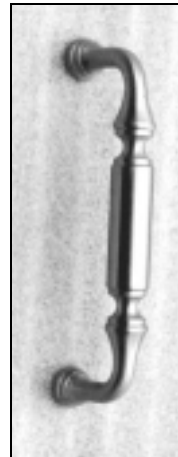
B=Base Size C= Minimum Clearance G=Grip Size L=Length O/A P=Projection O/A



1 Cast Pull

CTC 6"
 C 1-1/2"
 P 2-1/8"

*Limited quantities remain.
 Please call for availability.*



11-10 1" Wire Pull

CTC 10"
 C 1-1/2"
 P 2-1/2"

11-12 CTC 12"

11-18 CTC 18"



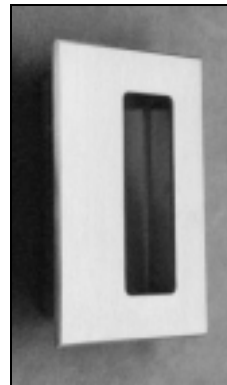
5 Flush Cup Pull

4" x 5" x 1/8"

Cup Opening:
 1-9/16" x 3"

Depth: 7/8"

Cut out: 2-1/4" x 3-1/2"



6 Flush Cup Pull

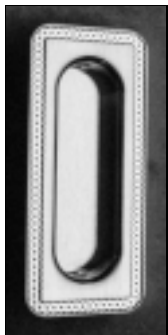
2-3/4" x 4-1/4" x 1/8"

Cup Opening:
 1" x 3-1/4"

Depth: 5/8"

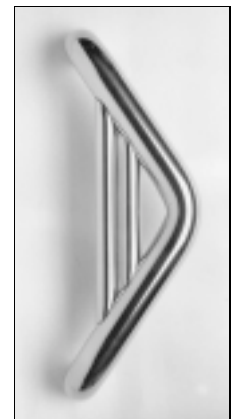
6S Flush Cup Pull

2" x 3" x 1/8"



*Custom sizes
 and shapes are
 our specialty.*

*Please see
 page 5 in the
 Custom Shop.*



DOOR PULLS

B=Base Size C= Minimum Clearance G=Grip Size L=Length O/A P=Projection O/A

Round handles and push bars also available in 1-1/4" diameter material. All finishes. Call for quote.



20 3/4" Wire Pull

CTC	6"
G	3/4
P	2-1/4"

21	8"
21S	9"
24	10"
25	12"



30 1" Wire Pull

CTC	8"
G	1
P	2-1/2"

30S	9"
31	10"
32	12"
35	18"



40 3/4" Offset

CTC	6"
C	1-1/2"
G	3/4
O	2-1/2"
P	2-1/4"

41	8"
42	10"
43	12"
44	18"



46 1" Offset

CTC	10"
C	1-1/2"
G	1
O	4"
P	2-1/2"

47	12"
48	18"



50 45 deg. Offset

CTC	10"
C	1-1/2"
G	1
O	4"
P	2-1/2"

51	12"
52	18"



*Classic Machining
available on most
round handles.*

Pulls are priced for thru-bolt mount with finish washers.
BTB Mount on 1-3/4" or Glass Doors are available at extra charge.

DOOR PULLS

B=Base Size C= Minimum Clearance G=Grip Size L=Length O/A P=Projection O/A

Round handles and push bars also available in 1-1/4" diameter material. All finishes. Call for quote.



55 3/4" Full Radius Offset Pull

CTC 10"
 C 1-1/2"
 G 3/4"
 P 2-1/4"

56 12"



57 1" Full Radius Offset Pull

CTC 10"
 C 1-1/2"
 G 1"
 P 2-1/2"

58 12"



60 Rectangular Pull

CTC 6"
 G 3/8" x 1-1/4"
 P 1-7/8"

62 8"



70 Hospital Arm Pull

CTC 4-3/4"
 L 8-1/2"
 B 3/8" x 1-1/4"
 P 1-7/8"



71 Hospital Arm Pull

CTC 4 3/4"
 L 9-1/2"
 G 3/4"
 P 2-1/4"

Bottom Post 3/8" Rd.



72 Other Styles

CTC 8"
 G 3/8" x 1-1/4"
 L 14-1/4"
 C 1-1/2"
 P 1-7/8"

73 Dimensions same as 72

Pulls are priced for thru bolt mount with finish washers.
 BTB Mount on 1-3/4" or Glass Doors are available at extra charge.

DOOR PULLS

B=Base Size C= Minimum Clearance G=Grip Size L=Length O/A P=Projection O/A



2010 Pull

CTC 7"
B 1" x 2"
G 5/8" x 2"
P 2-1/8"
C 1-1/2"
TL 9"
TW 5-1/2"
Net Wt 7 lbs.



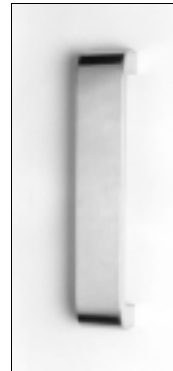
2020 Pull

CTC 9"
B 1" x 2"
P 2-1/2"
G 5/8" x 2"
C 1-1/2"
TL 10-1/2"
TW 4"
Net Wt 11 lbs.



2030 Pull

CTC 14"
B 1-1/4" x 1-1/4"
G 1-1/4" x 1-1/4"
P 2-3/4"
C 1-1/2"
TL 15"
TW 7-1/2"
Net Weight 11 lbs.



2040 Pull

CTC 12"
B 1" x 2"
G 1/2"
P 2"
C 1-1/2"
TL 13"

Net Weight 6 lbs.



2050 Pull

CTC 11"
B 1-1/4" x 2-1/2"
G 2-1/2" x 1-1/4"
P 2-3/4"
C 1-1/2"
TL 13"
TW 7"
Net Weight 13 lbs.



Tubular Pull

CTC 14"
B 1"
G 1-5/8" rnd.
P 3-1/8"
C 1-1/2"
TL 15-5/8"
TW 9"

Pulls are priced for thru-bolt mount with finish washers.
BTB Mount on 1-3/4" or Glass Doors are available at extra charge.

PUSH BARS

B=Base Size C= Minimum Clearance G=Grip Size L=Length O/A P=Projection O/A
Round handles and push bars also available in 1-1/4" diameter material. All finishes. Call for quote.
 Push bar sizes to 36" CTC. Larger available, ask for quote.

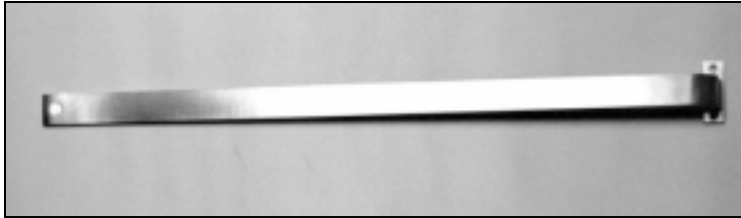
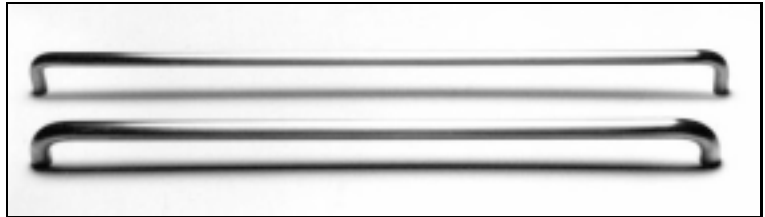
22 3/4" Round Push Bar

P 2-1/4"

33 1" Round Push Bar

P 2-1/2"

2" Stile Plates Available



63 Rectangular Push Bar

3/8" x 1-1/2" bar size

1" x 3" Mounting pad

P 2-1/4"

64 Same as 63 with 3/8" x 1-1/4" bar

65 Same as 63 with 3/8" x 3" bar
 1-1/4" X 5" mounting pad

Standard is surface mount. Specify wood or metal door.

66 Rectangular Push Bar w/ Mtg. Pads

3/8" x 1-1/4" Bar size

1"x 3" mounting pad

P 2-3/8"

67 Same as 66 except 3/8" x 1-1/2" bar

68 Same as 66 except 3/8" x 3" bar



69 Series Market Crash Bars

69-6 6" Projection 1/4" x 2" x 6"

69-4 4" Projection

69-2 2" Projection

Pulls are priced for thru-bolt mount with finish washers.
 BTB Mount on 1-3/4" or Glass Doors are available at extra charge.

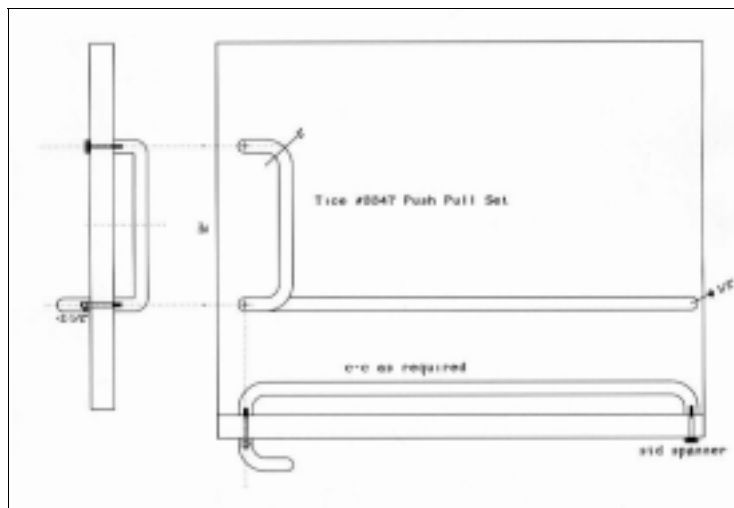
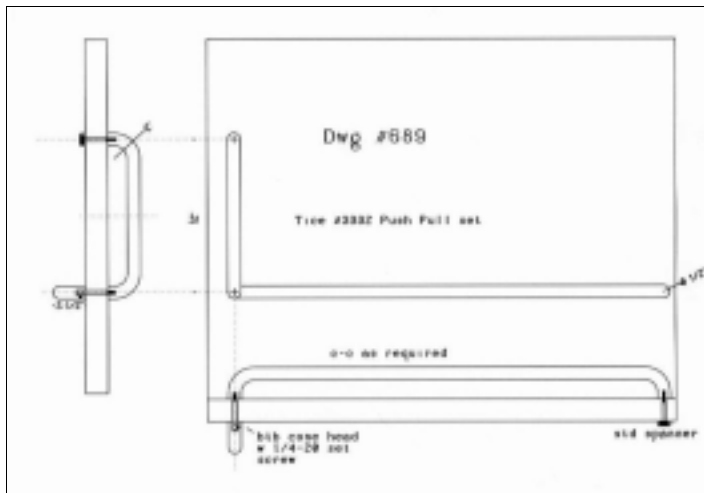
PUSH / PULL SETS

3/4" Round bar with straight wire pull

2221	8" CTC	2-1/4" Projection
2224	10" CTC	
2225	12" CTC	

1" Round bar with straight wire pull

3331	10" CTC	
3332	12" CTC	
3335	18" CTC	



3/4" Round bar with 90 deg. Offset pull 3" offset

2241	8" CTC	2-1/4" projection
2242	10" CTC	
2243	12" CTC	

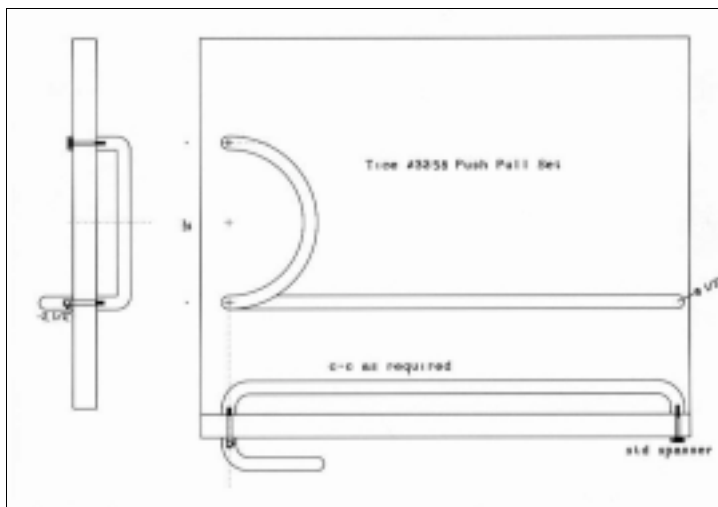
1" Round bar with 90 deg. Offset pull

3346	10" CTC	2-1/2" projection
3347	12" CTC	
3348	18" CTC	

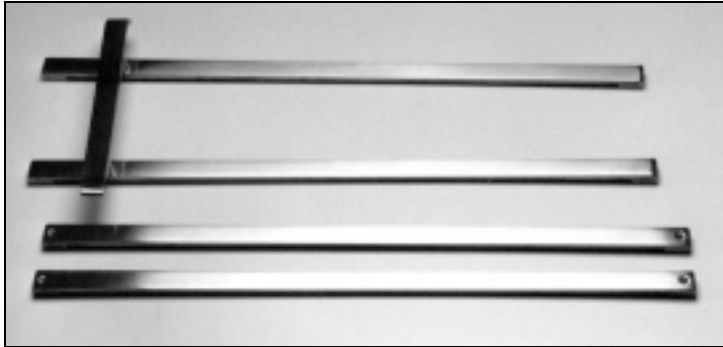
1" Round with full radius offset pull

3357	10" CTC	5" offset 2-1/2" projection
3358	12" CTC	6" offset

Always state the hand of door when ordering.



PUSH / PULL SETS



80 Rectangular Push/Pull Set

3/8" x 1-1/2" bar size
Bases 1-1/2" Sq.
Push Bar 3/4" projection
Horizontal spacing 8"
Vertical Push Length 14-1/2"

81 Single Bars 3/8" x 1-1/2"

82 Same as 80 except 3/8" x 1-1/4"

83 Same as 81 except 3/8" x 1"

Angular PUSH PULL units

Stair Rail Hand Rails

Any material & Diameter

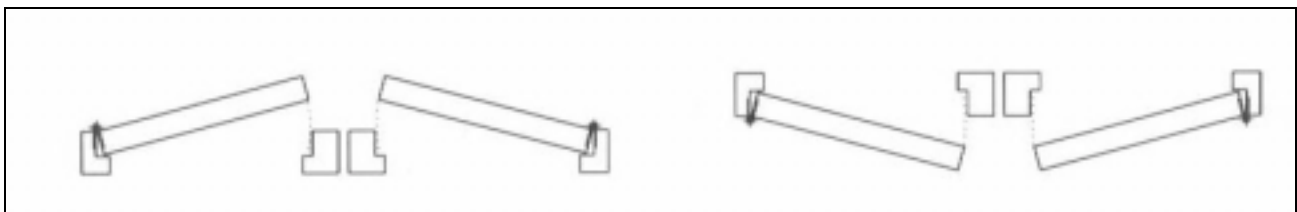
Call for quotes and design assistance



How to order Push/Pull Sets

1. Available in all finishes.
2. Always state hand of door.
3. State CTC of push bar.
4. Supplied with appropriate BTB fittings and finish washers.
5. Optional Spanner Caps available. Sets require spanner caps for glass mounts.
6. State door thickness and type.
7. Riv-Nut available for blind fastenings.

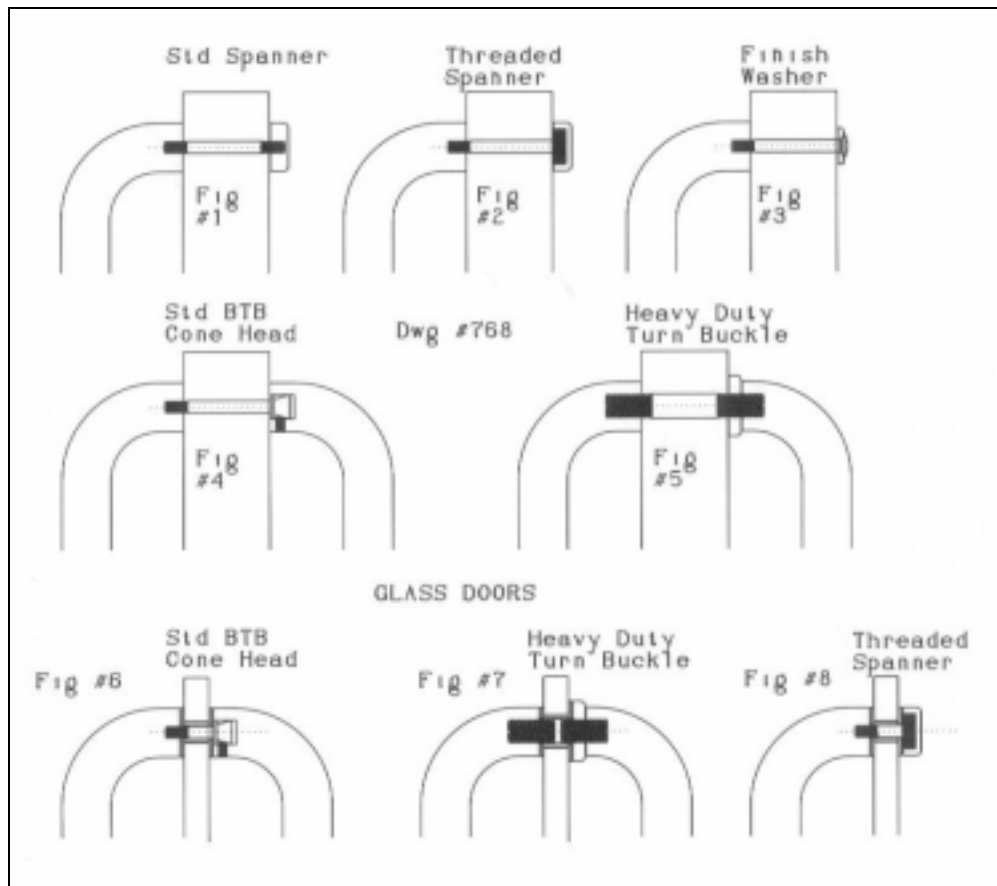
Custom sizes available. Call for quote.



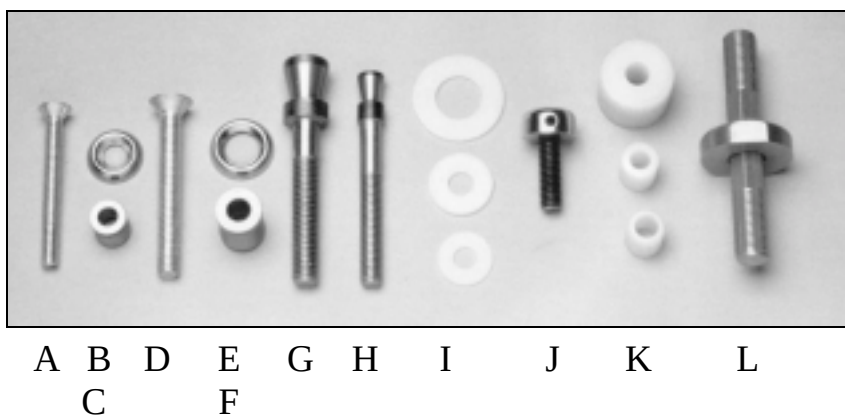
LH RH
Regular

LHR RHR
Out swinging "Reverse"

Door Fasteners - Hollow Metal / Glass / Wood



- A. 1/4"-20 Thru Bolt
- B. #14 finish washer
- C. 1/4" x 1/2" Cone
- D. 5/16"-18 Thru Bolt
- E. #18 Finish Washer
- F. 5/16" x 5/8" Cone
- G. 3/8" x 5/8" Hex Trick Fastener
- H. 5/16" x 3/8" Hex Trick Fastener
- I. Misc. Plastic Washers
- J. Spanner Cap (old style)
- K. Plastic Bushings
- L. 1/2" BTB Turnbuckle



Spanners & Squeeze Nuts



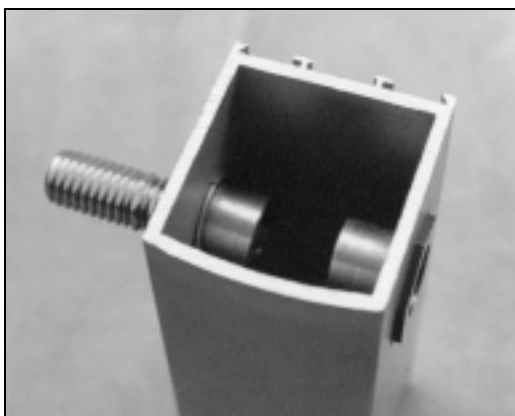
Standard Spanner / Washer
Hollow Metal or Wood Doors



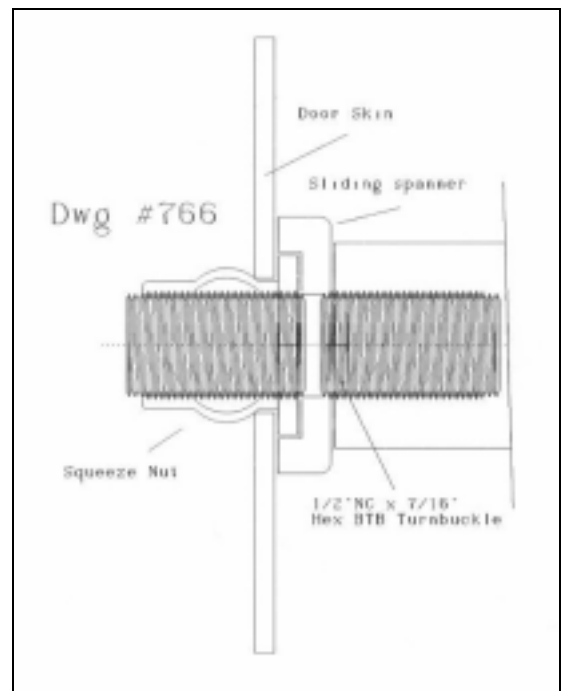
Spanner / Washer / Bushing
for Glass Doors



Squeeze Nut with Heavy Duty Spanner



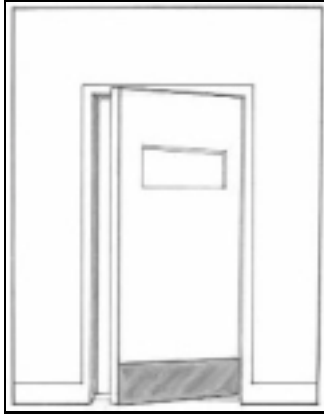
Squeeze Nut Installation
will Clear Vertical Rods



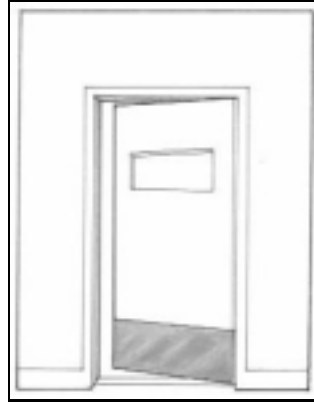
Squeeze Nut Detail
with Heavy Duty
BTB Spanner

Mop Plate — Kick Plate – Armor Plate

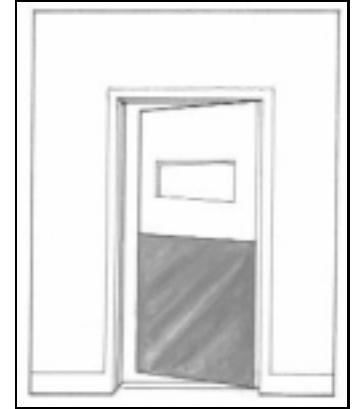
All Plates are de-burred on Edges (extra charge for Beveling)



Mop Plate, up to 5"



Kick Plate, 6-12"



Armor Plate, over 12"

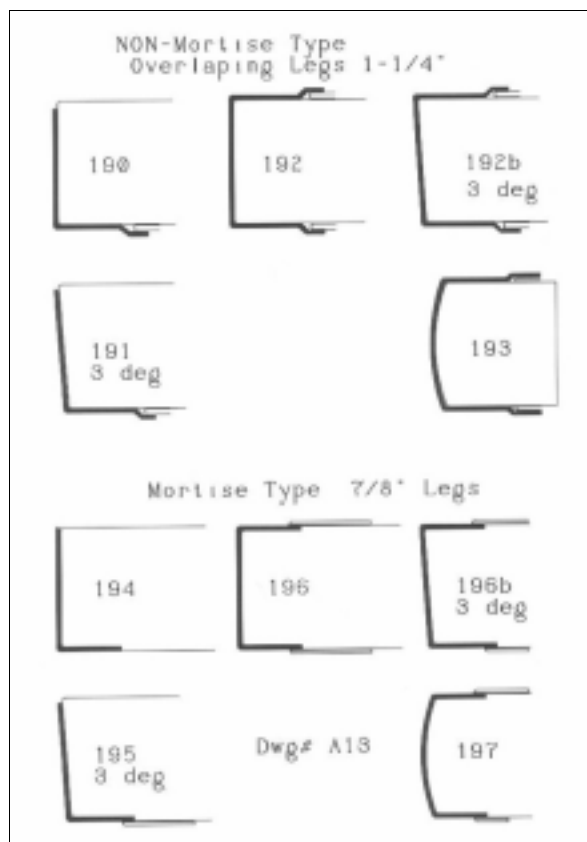
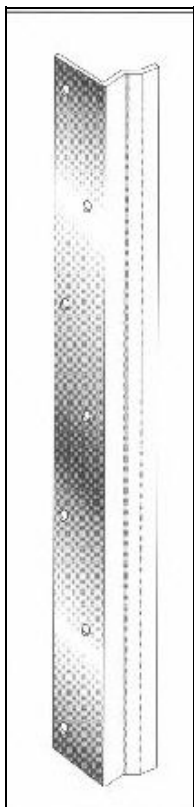
Order Example:

10" x 34" - 630

10" Tall x 34" Wide

Satin Stainless Steel, .050" Standard Thickness

Edgings – Astragals – Sill Covers

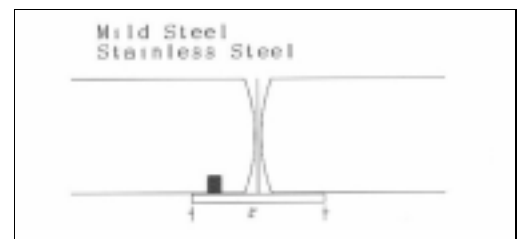


190-197 DOOR EDGINGS

Stainless Steel
42" x 1-3/4" Door

*Cut-Outs available for
Butts & Latch Bolts*

All finishes available



Astragal #90 1/8" x 2"



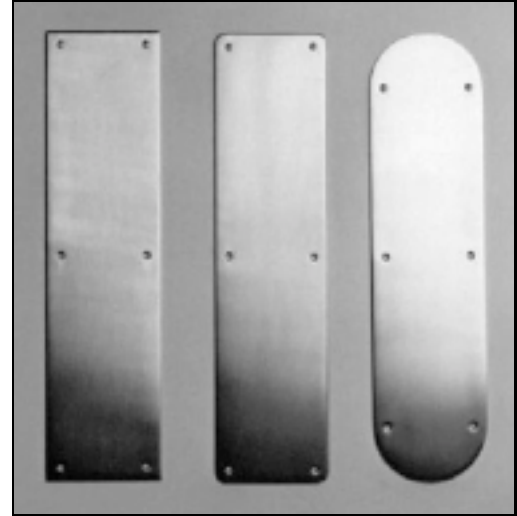
PUSH & PULL PLATES

Common Sizes:

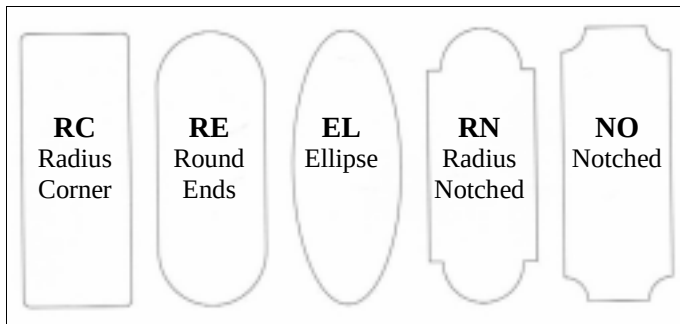
.050" Metal		1/8" Metal		1/8" Plastic	
#100	Misc.	#130	Misc.	#160	Misc.
101	3 x 12	131	3 x 12	161	3 x 12
102	3 x 15	132	3 x 15	162	3 x 15
103	3-1/2 x 15	133	3-1/2 x 15	163	3-1/2 x 15
106	4 x 16	136	4 x 16	166	4 x 16
107	4 x 20	137	4 x 20	167	4 x 20
110	8 x 16	140	8 x 16	170	8 x 16

100 Series Metal — All Finishes
 .048 - .050 Thickness (18 GA U.S. Stainless, 16 GA B&S Non-Ferrous)

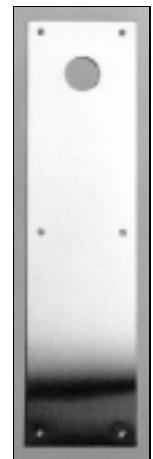
Push Plates can be engraved and color filled. Call for quote.



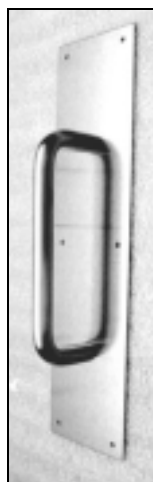
Common Plate Profiles:



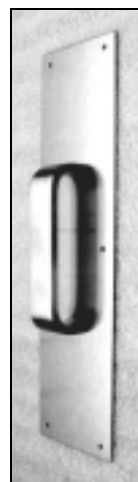
#106
Engraved
 1" Letters
 Black Fill



#106
CFC
 Cut for
 Cylinder



#106 x 20
PULL
PLATE



#106 x 60
PULL
PLATE

Pull Plates available in
 all Metal Finishes and
 1/8" Plastic Laminate

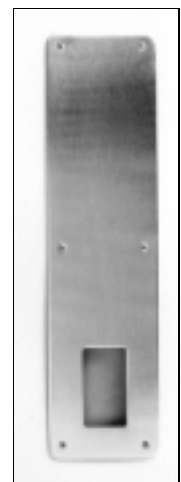
To Order, please specify:

1. Plate Number
2. Handle Number
3. Finish
4. Special Variations

Example:
 #106 x 11 in 630
 Satin Stainless Steel



#150
PUSH/PULL
 3.5 x 16
 1/8" Thick
 1" Projection



#136FC
PUSH PLATE
 w/ Flush Cup

Cup Opening:
 1" x 1/2" x 3"
 Cup Depth: 3/4"

Occupancy Indicators

For all Mortise Locks with Thumb turns



A

Yale
Schlage

Privacy
*Screwdriver
unlock*



B

#82 Sargent

Privacy
*Screwdriver
unlock*



C

Best
Corbin
Russwin

Privacy
*Screwdriver
unlock*

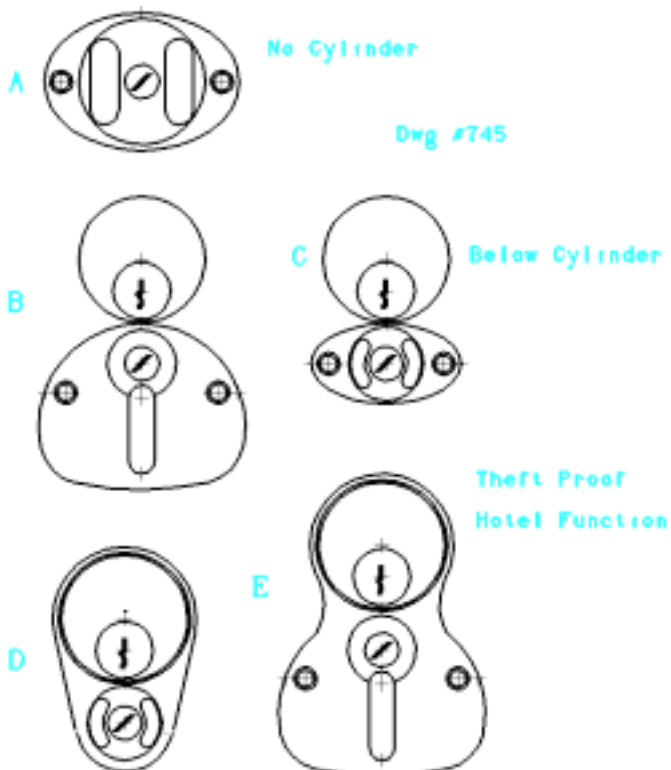


D

Best
Security
Hotel Function
No Entry

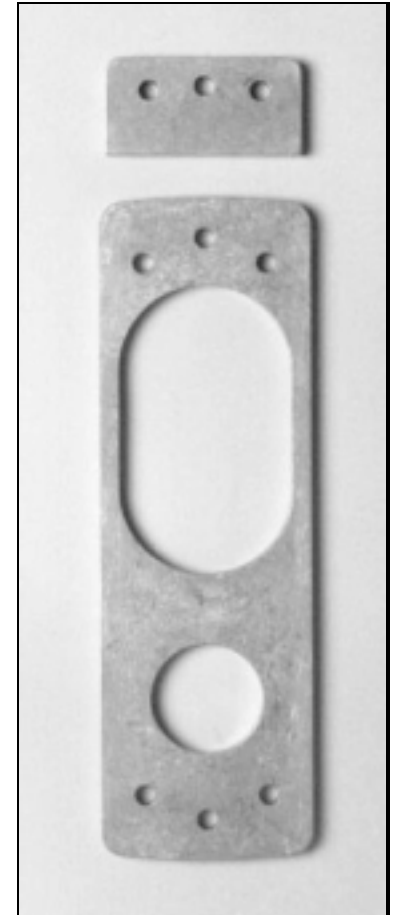


Occupancy Indicators



EXIT DEVICE Specialty Shims

Monarch	18R	T-KE-LE	GBK-R	1/4" Aluminum
Monarch	18	V2-LE	GBK-R	1/4" Aluminum
Monarch	18	V2-LE	GBK-V	1/2" Aluminum
Monarch	19	R-L	GBK-R	1/4" Aluminum
Precision	1100		GBK-R	1/4" Aluminum
Sargent	2727		GBK-V	1/4" Aluminum
Sargent	2828		GBK-R	1/4" Aluminum
Sargent	5810		GBK-R	1/4" Aluminum
Sargent	65-83-85		GBK-R	1/4" Aluminum
Sargent	87		GBK-V	1/4" Aluminum
Sargent	88		GBK-R	1/4" Aluminum
Sargent	89-13		GBK-R	1/4" Aluminum
Von Duprin	88		GBK-R	1/4" Aluminum
Von Duprin	99		GBK-R	1/4" Aluminum
Von Duprin	99		GBK-V	1/4" Aluminum
Von Duprin	22		GBK-R	1/4" Aluminum
Von Duprin	22		GBK-V	1/4" Aluminum
Von Duprin	33		GBK-R	1/4" Aluminum
Russ-372	Cor-29		GBK-R	1/4" Aluminum
Russ-U572	Cor-U39		GBK-R	1/4" Aluminum
Russ-U582	Cor-U30		GBK-V	1/4" Aluminum
Russ-572	Cor-39		GBK-R	1/4" Aluminum
Yale	2010		GBK-V	1/4" Aluminum
Yale	7000	Narrow	GBK-R	1/4" Aluminum
Yale	7010	Narrow	GBK-V	1/4" Aluminum
Yale	7100		GBK-R	1/4" Aluminum
Yale	7110		GBK-V	1/4" Aluminum



Sargent 88



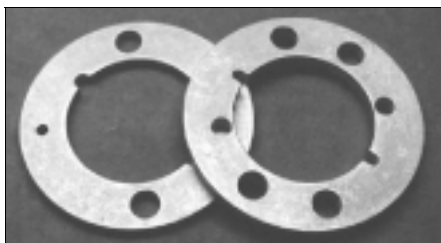
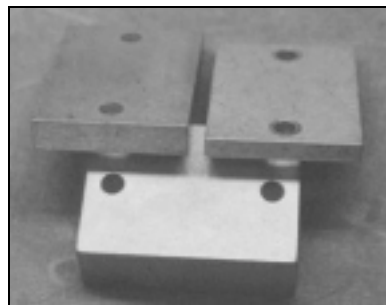
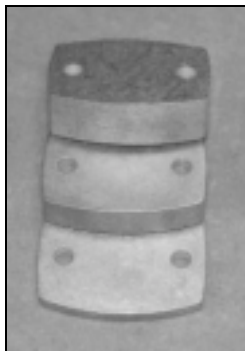
Von Duprin 99

Shims & Spacers

Rixon / LCN
Magnetic Latch Spacers

Thickness 1/4"
3/8"
1/2"

Others on request

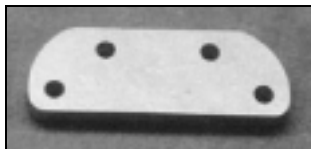


Universal Cylindrical Lock
Manufactured for most cylindrical lock sets.
Example: install lock for 1-3/4" Door on 1 3/8" Door.
Thickness: 1/8" 1/4" (Others on request)

Ives & Other brands of Hotel Privacy Night Latch

Thickness
Ives 482a 1/4" 3/8"
482b

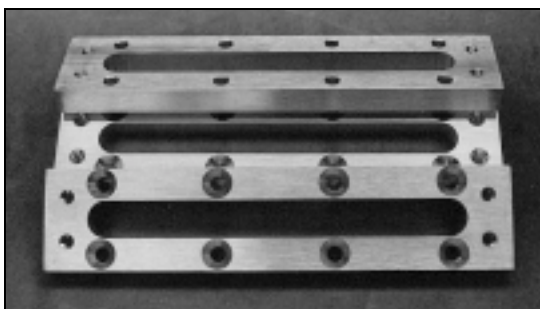
Other brands may be machined with
sample latch provided by customer.



482A



482B



#62 Securitron Mag latch spacer

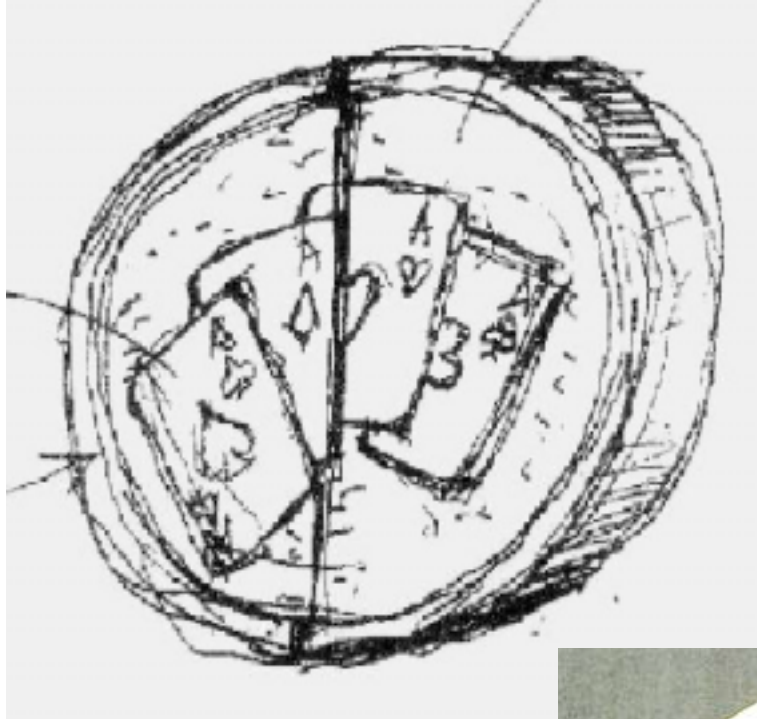
All Shims are CNC precision machined.

Standard shims are aluminum, with satin
vibratory finish. Shims may be yellow anodized.

Any shape may be digitized and duplicated.

Special Pricing Considerations

1. **Payment terms are NET 30 days.** Interest of 1 1/2% per month (18% annually) will accrue on all accounts over 45 days past due.
2. **\$100 minimum charge on all account orders.** Orders less than this minimum must be paid in full upon delivery. For your convenience we accept Cash, Checks and Visa/MasterCard.
3. No returns on special orders or sizes. 20% restocking charge on most commonly sold items only. Written permission must be obtained. Any returns must be in NEW condition, in original packaging, and sent back within 30 days of purchase.
4. Written confirmation with drawings and specifications on all special projects. Details must be supplied at the time the order is placed. **Quotations valid for 60 days.**
5. Cancellations: Customer must pay for all labor accrued at the current shop rate, plus material used.
6. Customer pays freight from factory plus crating charges on any special orders for plastic laminate colors other than stock. We stock WILSONART brand laminate.
7. NOTE: Tice Industries does not guarantee the Lacquer finish on any Brass or Bronze products. We suggest such products be ordered without lacquer and be polished and waxed as necessary. Clear powder coating is an option.
8. **SAMPLES/PROTOTYPES & TOOLING:** Samples & Tooling are NOT supplied at NO CHARGE. Programming and Set Up require a great amount of time. Sample charges & Tooling will be deducted from the main invoice, if we get a production job. Otherwise, sample charges & tooling will be considered a separate invoice.
9. A 30% - 50% deposit may be required on large orders.
10. **EXTRA CHARGE** for Armor Plates over 12" due to Crating
11. Prices subject to change without notice.



Artist Sketch

17" Polished Brass
PUSH PULLS
Engraved & Filled
Playing Cards
in Stainless Steel
See Page 12 of Idea Book



Finished Manufactured Handle

See the **Custom Shop**
Most Ideas are Possible

Tice Industries, Inc.
Portland, Oregon