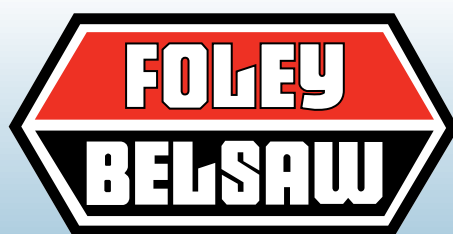


FOLEY-BELSAW'S

SHARPENING SUPPLY



**PRODUCTS, TOOLS & SUPPLIES FOR
THE PROFESSIONAL SHARPENER**

PLACE YOUR ORDER TODAY!

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Model 310-16 SAW GRINDER

**Sharpens Carbide &
Steel Circular Saws**



Shown with Optional Flood
Coolant System and Stand

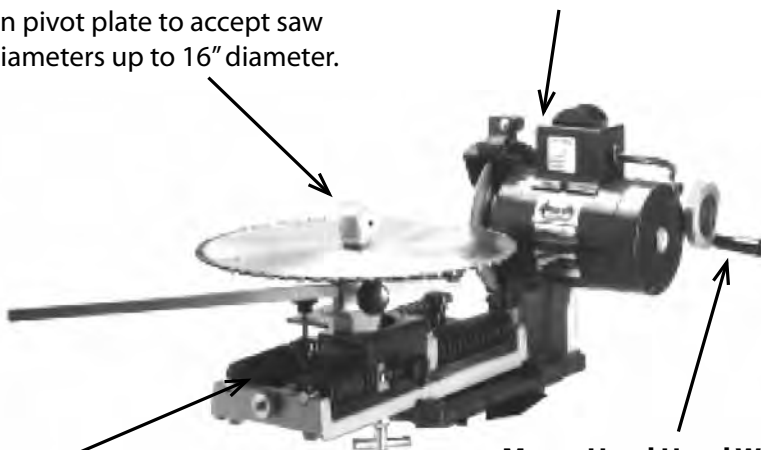


Cup & Cone Assembly

Tapered cone easily locks into position. Allows perfect centering of any size arbor from 1/2" to 1-3/8". Slides around on pivot plate to accept saw diameters up to 16" diameter.

110/220 Volt Motor

Totally enclosed motor with 1/2" arbor accepts both diamond and vitrified grinding wheels. Comes wired to 110V.

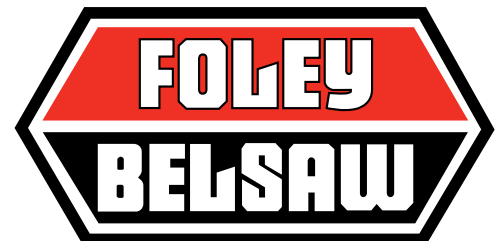


Sealed Steel Shafts

Provides the needed support for accurate grinding.

Motor Head Hand Wheel

Moves the motor head from side to side. Accurate within .001". Uses Acme threads.



Proudly made in the U.S.A.

310-16 SAW GRINDER



Shown with Optional Flood Coolant System and Stand

The Model 310-16 has everything you need to accurately face, top, and side grind carbide saws up to 16 inches in diameter. If your work includes steel saws as well as carbide - the 310-16 is as fast and easy to use as a steel saw gummer/sharpener. The optional Flood Coolant System provides maximum wheel wear and better grinding capability, paying for itself with less frequent wheel changes. **Grinds carbide or steel saw blades from 4" to 16" in diameter.**

Our illustrated and detailed step-by-step instructions will have you sharpening carbide saws like a pro in no time at all. The top and side positioning finger simplifies set-up as well as speeds up change-overs from top to side grinding. The Acme feed design allows you to infeed in precise .001" increments. The fine tuning depth stop adjustment gives you finger tip control for adjusting depth stops. The 310-16 is designed to quickly change into a multi-purpose sharpening system, with optional attachments for Dado Saw Blades, Routers & Shaper Cutters, and Hole Saws. 110/220 volt Motor

Order No. BHDG20497....\$2,399.00

Actual shipping charges (110 lbs)



OPTIONS

Heavy Duty Floor Stand

Order No. BHD3100960....\$429.95

Actual shipping charges



Flood Coolant System includes:

- 115 volt pump
- Catch pan
- Coolant reservoir
- Coolant nozzle
- Coolant additive

Order No. BHD3109588....\$649.95



**SHARPENS
BOTH CARBIDE
AND STEEL
SAWS FROM 4"
TO 16"**

- **Heavy Duty 115 Volt Motor.** Totally enclosed motor includes a 1/2" arbor and accepts both diamond wheels and grinding wheels. Motor can be rewired for 220 Volt.
- **Cup and Cone Assembly.** The tapered cone easily locks into position, allowing perfect centering of any size arbor from 1/2" to 1-3/8". The cone slides on a pivot plate to accept saws up to 16" diameter.
- **Protected Steel Shafts.** Bellows on the shafts protect the support shafts from nicks and dings that might effect the accuracy.
- **Heavy Duty Wheel Guard.** Protects the operator.
- **Motorhead Handwheel.** Moves the motor from side to side. Accurate within .001". (Acme Threads).
- **Forward Stop.** Sets the forward travel limits of your carriage.
- **Depth Stop Fine Tune Adjustment Knob.** Fine tunes depth adjustments for accurate grinding.
- **Floor Stand.** Optional stand provides a vibration-free grind for more accurate sharpening.

Model 310-16 Specifications

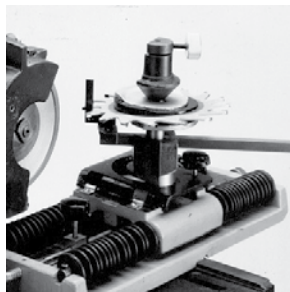
Saw Blade Diameter Capacity	4" to 16"
Saw Arbor Capacity	1/2" to 1-3/8"
Carriage Travel	6"
Face Bevel Adjustments	0° to 25°
Hook Angle Adjustments	-40° to +40°
Top Bevel Adjustment Scale	0° to 45°
Top Clearance Adjustment	0° to 20°
Radial Side Clearance Adjustment Scale	0° to 10°
Tangenital Side Clearance Adjustments	0° to 6°
Grinding Wheel Capacity	6" Diameter
Arbor Size	1/2" Arbor
Overall Height with floor stand	55"
Floor Stand Height	33"
Bench Space Required	16" x 25"
Working Space Required	30" x 34"
Grinder Shipping Dimensions	20-1/2" x 21" x 13-1/4"
Grinder Shipping Weight	110 Pounds
Floor Stand Dimensions	24" x 16-1/4" x 32-1/2"
Floor Stand Weight	71 Pounds
Coolant Kit Dimensions	20" x 26" x 7-1/2"
Coolant Kit Weight	45 Pounds

310 & 316 OPTIONAL ATTACHMENTS

SMALL SAW & ADJUSTABLE DADO ATTACHMENT

Used for sharpening adjustable dado sets and small diameter carbide saws from 3" to 5-1/2" with arbors from 3/8" to 2". Includes special small saw cup and cone, dado stop finger and complete instructions.

Order No. BHD3109920....\$289.95



TOOTH HEIGHT INDICATOR

Jointing Gauge (Dial Indicator) – The ideal way to check the uniform tooth height and blade roundness of circular saws. The easy-to-read, accurately calibrated dial indicator face is graduated for precision measurements in .001" increments. Comes complete with fittings to easily install on your carbide grinder.

Order No. BHD3109591....\$118.60



EXTRA CONTACT POINTS

5/8" Face Flat Anvil

Order No. BHD3708035....\$19.65



FACE SHARPENING INDEX FINGER

Takes away the guesswork of freehand face grinding. Assures each tooth is indexed to an exact location. Adjustable to create stock removal of .001" to .010" per pass.

Order No. BHD3679532....\$114.95



HOLE SAW SHARPENER FOR 310 OR 310-16

Sharpen hole saws from 1" to 6" diameter. Produces accurate hook angles. Tooth positioning finger provides accurate indexing. Less than 5 minute set-up time to change from a regular saw to hole saws. Includes a 6" x 1/4" x 1/2" 46 grit grinding wheel, stop finger, hole saw support angle plate, and instructions.

Order No. BHD3109586....\$99.95



310,310-16 ROUTER ATTACHMENTS

EXPAND THE CAPABILITIES OF YOUR MODEL 310-16 CARBIDE SAW GRINDER TO HANDLE ROUTER BITS AND SHAPER CUTTERS.

ROUTER & SHAPER ATTACHMENT FOR 310-16

Handles a wide range of straight flute routers and wing cutters. Router and shaper 12 division index workhead, 2" high speed wheel spindle assembly and mounting plate, 1/2" R8 collet, 3700168 flaring cup wheel and instructions.

Order No. BHD3109592....\$994.95



RISER BLOCK

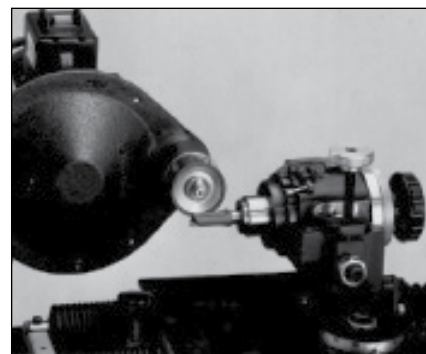
Order No. BHD3109594....\$74.95



ROUTER SHAPER KIT FOR 310 AND 310-16 MACHINES

Includes router and shaper attachment (3109592), the riser block kit, and the following accessories: 2" diamond wheel; 3" diamond wheel; 1/8", 1/4", 3/8", two inch wheels; 1/4", 5/8", 3/4" collets; 1/4", 1/2" router bit extensions; SM cutter arbor assembly; arbor collet assembly; video instructions and a complete training manual.

Order No. BHDG20498\$1,434.55



DAREX E90 ENDMILL GRINDER - PRICE REDUCED

ENDMILL GRINDER ****Only 1 available at this super low price****

Easy to use grinder sharpens both the side and the end of the endmill are sharpened in the same set up, including secondary angles! Requires 110 Volts and 90 PSI of air pressure to operate. Includes 6 ultra-precision collets (3/16", 3/8", 1/2", 5/8", 3/4", & 1"), Lamp, Air-line filter/water trap, Reversible Baldor motor, 3450 RPM, 115 volt, CBN cup type grinding wheel, Built-in wheel balancer, Auto clearance stylus fixture, Floating easy-pull spindle knob, Air-flow spindle, Stainless steel spindle sleeve, Detailed operating instructions.

Order No. BIY3450992....\$3,899.00 \$2,803.30



1055 SHARP-ALL

Sharp-All



SHARPENS ALMOST ANY TOOL

- Circular Saw Blades 4"-48"
- Knives & Scissors
- Flat Planer Blades
- Chipper Blades
- Rotary Mower Blades
- Add Optional Accessories to sharpen Drill Bits, Chain Saw Chain, Carbide-tipped Saw Blades, and Clipper Blades

MODEL 1055 SHARP-ALL

The Model 1055 Sharp-All is designed to joint, gum, bevel, sharpen, and set circular saw blades from 4" to 48" in diameter. The 1055's special Tool Holder provides an excellent method for sharpening chisels, axes, knives, lawn mower blades, scissors and other tools. Includes Grinder with Floor Stand, 1 each 4" x 1/2" tool grinding wheel; 1 each 8" x 3/16" saw grinding wheel; 1 each dressing brick, and 1 each steel saw setting attachment.

Specifications:

Motor: 115 Volt, 3450 RPM, 1/2HP, 6.2 Amps

Machine Weight: 90 pounds

Space Required: 22" x 22"

Overall Height: 50"

Order No. BHDG3551....\$879.95



1055 ATTACHMENTS

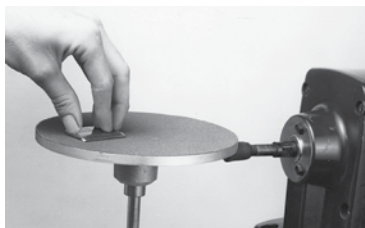
1055 BEVEL AID ATTACHMENT



Holds optional diamond dressers to aid in shaping wheels to 45° left or right, 30° left or right or straight. Does not include diamond dresser (Order No. 3702450).

Order No. BHD2100457....\$31.95

1055 CLIPPER HONE ATTACHMENT



Restores factory sharpness to barber and beauty clippers. Complete with mounting post and 2 micron discs. Not for use with Pet Clippers. Honing discs adhere with a thin layer of petroleum jelly.

Order No. BHD2100274....\$59.10

Extra Honing Discs

8" 40 Micron 300 Grit - Order No. BHD3703104....\$6.90

8" 30 Micron 400 Grit - Order No. BHD3703103....\$6.90

1055 SAW CHAIN ATTACHMENT



Quickly sharpens chipper or semi-chisel chain. This attachment allows sharpening of both cutters and depth gauge.

Order No. BHD2100900....\$122.20

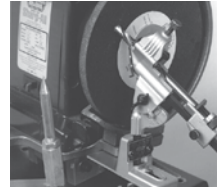
1055 KNIFE ATTACHMENT



Sharpens wood cutting knives 4" to 16" in length and 3/4" to 1" wide.

Order No. BHD2100270....\$68.80

1055 DRILL GRINDING ATTACHMENT



A handy tool for sharpening drill bits from 1/8" to 3/4". An accurately calibrated angle adjustment switches to angles of 49°, 59°, 68° and 88°.

Order No. BHD2100251....\$19.95

1" X 42" BELT SANDER

Sharpens

- Knives
- Mower Blades
- Hand Tools
- Hedge Trimmers

1" x 42" belt sander is ideal for sharpening everything from knives to lawn mower blades. This sander removes material quickly and leaves a fine finish, while also allowing the operator to get into small openings and handle odd shapes and angles. The tilting table allows for chamfering or beveling and is slotted to accept a miter gauge.

Order No. BHD8500020....\$539.95



Item Dimensions

Weight.....64 Pounds
Length.....22 inches
Width.....21 inches
Height.....14 inches
Belt Size Size.....1" x 42"
Belt Speed (ft./min.).....3,000
Wheel Size.....8"

SANDING BELTS & DISCS

ALUMINUM OXIDE BELTS

Order No.	Grit	Price each for 1-12	Price each for 13+
1" X 42" Fits Model 311, Delta SA-180, Jet J-4002			
BHD3703000	50	\$2.40	\$2.23
BHD3703001	80	\$2.40	\$2.23
BHD3703002	100	\$2.40	\$2.23
BHD3703003	180	\$2.40	\$2.23
BHD3703004	320	\$2.40	\$2.23
1" X 44" Fits Model 1080			
BHD3703020	40	\$2.95	\$2.74
BHD3703021	60	\$2.95	\$2.74
BHD3703022	80	\$2.95	\$2.74
BHD3703023	100	\$2.95	\$2.74
BHD3703024	150	\$2.95	\$2.74
1" X 30" Fits Model 390 and others			
BHD3703689	50	\$2.95	\$2.74
BHD3703688	80	\$2.95	\$2.74
BHD3703692	100	\$2.95	\$2.74
BHD3703691	180	\$2.95	\$2.74
BHD3703690	240	\$2.95	\$2.74

ZIRCONIUM OXIDE BELTS

Cut faster and last longer

Order No.	Grit	Price each for 1-12	Price each for 13+
1 x 42" Fits Model 311, Delta SA-180, Jet J-4002			
BHD3703010	36	\$3.85	\$3.58
BHD3703011	40	\$3.85	\$3.58
BHD3703012	50	\$3.85	\$3.58
BHD3703013	60	\$3.85	\$3.58
BHD3703014	80	\$3.85	\$3.58
BHD3703015	120	\$3.85	\$3.58
1" X 44" Fits Model 1080			
BHD3703030	36	\$3.95	\$3.67
BHD3703032	50	\$3.95	\$3.67
BHD3703033	60	\$3.95	\$3.67
BHD3703034	80	\$3.95	\$3.67
BHD3703035	120	\$3.95	\$3.67
1" X 30" Fits Model 390 and others			
BHD3703686	50	\$4.60	\$4.28
BHD3703687	80	\$4.60	\$4.28

8" PRESSURE SENSITIVE SANDING DISCS

Order No.	Grit	Price each for quantities of 1-12	Price each for quantities of 13+
BHD3703100	40	\$4.70	\$4.37
BHD3703101	60	\$4.70	\$4.37
BHD3703102	80	\$4.70	\$4.37

online: www.Foley-Belsaw.com

fax: 715-426-2198

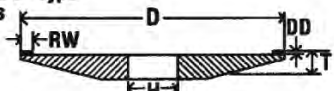
phone: 1-800-821-3452

Order Today!

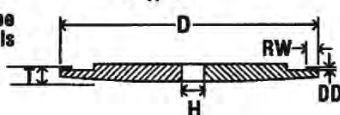
WHEELS FOR SHARPENING CARBIDE & STEEL SAWS

GENERAL PURPOSE TYPE 4A2P

6", 4" & 3" Type
Wheels



6" Type
Wheels



3" Wheels for Tool Grinding on Foley-Belsaw Model 374-380 & Router Attachments

4" Wheel for Tool Grinding

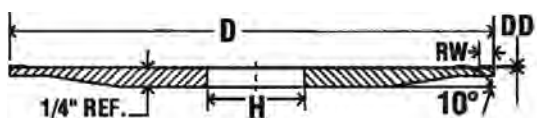
6" Wheels for Face, Side & Top on Foley-Belsaw Carbide Grinders

7" Wheels for Model 314 or Bench Grinders

8" Wheels for Model 360, Acme, Face Grinding, Armstrong and 1055 Sharp-All

Dia.	T	H	DD	RW	Grit	Conc.	Material	Order No.	Price
3"	1/4"	3/8"	1/16"	1/4"	180	75	Diamond	BHD3570586	\$100.65
4"	1/4"	1/2"	1/16"	1/4"	120	75	Diamond	BHD3501400	\$102.85
5"	1/4"	1/2"	1/16"	1/4"	120	100	Diamond	BHD3570161	\$133.70
6"	1/4"	1-1/4"	1/16"	1/4"	120	100	Diamond	BHD3570160	\$107.80
6"	1/4"	1-1/4"	1/16"	1/4"	120	50	Diamond	BHD3570349	\$111.05
6"	1/4"	1-1/4"	1/16"	1/4"	180	100	Diamond	BHD3570176	\$117.35
6"	1/4"	1-1/4"	1/16"	1/4"	180	75	Diamond	BHD3570357	\$111.05
6"	1/4"	1-1/4"	1/16"	1/4"	220	100	Diamond	BHD3570350	\$117.95
6"	1/4"	1-1/4"	1/8"	3/16"	220	75	Diamond	BHD3570117	\$153.80
6"	1/4"	1-1/4"	1/16"	1/4"	400	75	Diamond	BHD3570180	\$116.60
6"	1/4"	1-1/4"	1/16"	1/4"	600	75	Diamond	BHD3501616	\$111.45
6"	----- Special Radius For Piranha™ Saw Blades -----					75	Diamond	BHD3570200	\$155.30
7"	1/4"	1-1/4"	1/16"	1/4"	120	75	CBN	BHD3700699	\$204.45
7"	1/4"	1-1/4"	1/16"	1/4"	180	100	Diamond	BHD3570177	\$120.85
7"	1/4"	1-1/4"	1/16"	1/4"	400	100	Diamond	BHD3570178	\$126.30
8"	1/4"	1-1/4"	1/16"	1/4"	180	75	Diamond	BHD3501810	\$202.40

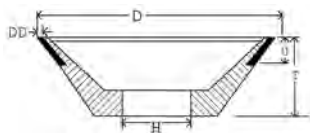
TYPE 4A2P MODIFIED THIN RIM FOR FACE SHARPENING SAWS



For face grinding fine tooth saws with minimum tooth clearance between face of carbide and tooth back

Dia.	T	H	DD	RW	Grit	Conc.	Material	Order No.	Price
6"	3/32"	1-1/4"	1/32"	1/4"	180	75	Diamond	BHD3570369	\$126.60
6"	3/32"	1-1/4"	1/32"	1/4"	400	75	Diamond	BHD3570184	\$126.10
6"	3/32"	1-1/4"	1/32"	1/4"	600	75	Diamond	BHD3501629	\$120.55

WHEEL TYPE 12V9

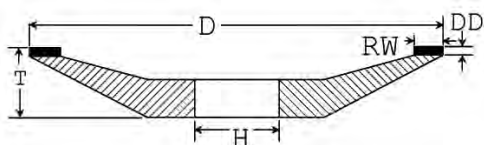


For Router Bits and Shaper Cutters On Foley-Belsaw 473-380 and Router Attachments

Dia.	T	H	DD	U	Grit	Conc.	Material	Order No.	Price
3"	7/8"	3/8"	1/16"	1/4"	180	100	Diamond	BHD3570193	\$110.75

WHEELS FOR SHARPENING CARBIDE & STEEL SAWS

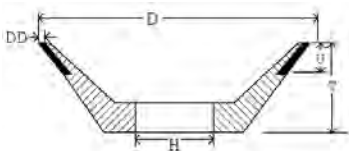
TOP-SIDE & FACE GRINDING TYPE 12A2



3" For Top and Face on Foley-Belsaw Model 374, 380 and Router Attachments
 4" For Side Grind on Foley-Belsaw Model 338 Built before 1988
 6" For Top and Side on Foley-Belsaw Models 357,310,367,368 and 310-16
 6" For Knife Grinding on Foley-Belsaw Model 355

Dia.	T	H	DD	RW	Grit	Conc.	Material	Order No.	Price
3"	7/8"	3/8"	1/16"	3/16"	180	100	Diamond	BHD3570194	\$114.95
3"	7/8"	3/8"	1/16"	3/16"	400	100	Diamond	BHD3570195	\$93.85
4"	1/2"	1-1/4"	1/8"	3/16"	180	75	Diamond	BHD3570353	\$101.05
6"	1"	1-1/4"	1/8"	3/16"	<i>Special Carbide/Steel Combo</i>			BHD3502660	\$179.80
6"	1"	1-1/4"	1/8"	3/16"	180	75	Diamond	BHD3570360	\$143.85
6"	1"	1-1/4"	1/8"	3/16"	320	75	Diamond	BHD3570361	\$120.85
6"	1"	1-1/4"	1/8"	3/16"	400	75	Diamond	BHD3570183	\$127.10
6"	1"	1-1/4"	1/8"	3/16"	120	75	CBN	BHD3700695	\$142.95
6"	1/2"	1-1/4"	1/16"	1/32"	180	75	Diamond	BHD3501678	\$140.90

TOOL & CUTTER GRINDING TYPE 11V9

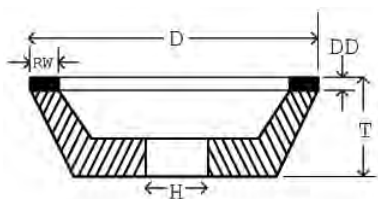


2" Wheels for Foley-Belsaw Models 380, 374 and Router Attachments
 3-3/4" Wheels for Top & Side Work on Bell & Systi-Matic Grinding Equipment
 5" Wheels for Darex

Dia.	T	H	DD	U	Grit	Conc.	Material	Order No.	Price
2"	7/8"	3/8"	1/16"	1/4"	180	100	Diamond	BHD3570190	\$108.75
2"	7/8"	3/8"	1/16"	1/4"	400	100	Diamond	BHD3501230	\$92.55
2"	7/8"	3/8"	1/16"	1/4"	400	75	CBN	BHD3501237	\$95.15
3-3/4"	1-1/2"	1-1/4"	1/8"	3/8"	180	75	Diamond	BHD3501345	\$128.85
3-3/4"	1-1/2"	1-1/4"	1/8"	3/8"	400	75	Diamond	BHD3501348	\$115.70
3-3/4"	1-1/2"	1-1/4"	1/16"	3/8"	120	75	CBN	BHD3501351	\$115.70
5"	1-3/4"	1-1/4"	1/8"	7/16"	400	100	Diamond	BHD3501520	\$172.30

WHEELS FOR SHARPENING CARBIDE & STEEL SAWS

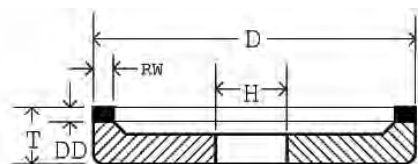
WHEEL TYPE 11A2



2" Wheels for Face and End Sharpening Router Bits.
4" Wheel for Side Grinding on Foley-Belsaw Model 338.

Dia.	T	H	DD	RW	Grit	Conc.	Material	Order No.	Price
2"	7/8"	3/8"	1/16"	1/8"	180	100	Diamond	BHD3570192	\$93.30
2"	7/8"	3/8"	1/16"	1/8"	400	100	Diamond	BHD3570191	\$85.90
4"	1-1/4"	1/2"	1/16"	1/4"	180	75	Diamond	BHD3570150	\$104.90

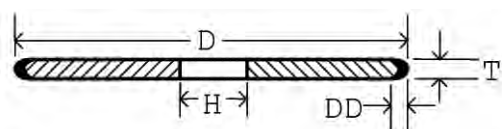
KNIFE GRINDING TYPE 6A2



For use on Foley-Belsaw Model
3055, 355, or 640 Grinder

Dia.	T	H	DD	RW	Grit	Conc.	Material	Order No.	Price
6"	1-1/2"	5/8"	1/8"	3/16"	120	100	Diamond	BHD3570375	\$125.80
6"	1-1/2"	5/8"	1/8"	3/16"	120	75	CBN	BHD3700696	\$145.80
6"	1-1/2"	5/8"	1/8"	3/16"	60	75	CBN	BHD3700670	\$145.80
6"	1-1/2"	5/8"	1/8"	3/16"	220	75	CBN	BHD3700671	\$138.85

WHEEL TYPE 1FF1

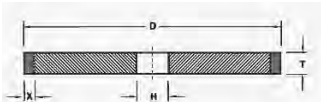


Diamond & CBN Wheels for Saw Chain Grinding and Saw Gumming

Dia.	T	H	DD	Material	Order No.	Price
5"	1/8"	1/2"	1/8"	Diamond	BHD3570687	\$79.70
5"	3/16"	1/2"	1/8"	Diamond	BHD3570684	\$105.45
5"	1/8"	1/2"	1/8"	CBN	BHD3700683	\$102.60
5"	3/16"	1/2"	1/8"	CBN	BHD3700684	\$109.30
5-3/4"	1/8"	7/8"	1/8"	CBN	BHD3700673	\$108.75
5-3/4"	3/16"	7/8"	1/8"	CBN	BHD3700674	\$107.95
5-3/4"	3/16"	7/8"	1/8"	Diamond	BHD3570685	\$102.75
5-3/4"	1/8"	7/8"	1/8"	Diamond	BHD3570686	\$97.85
6"	1/8"	1/2"	1/8"	CBN	BHD3700680	\$136.95

WHEELS FOR SHARPENING CARBIDE & STEEL SAWS

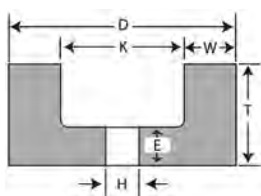
WHEEL TYPE 1A1



For 2" sharpening solid trim bits used on Foley-Belsaw model 374-380 and router attachments, 4" for 1055 Sharp-All, 6" for stump grinding, 5" for scissors Model 327, 6" with 1-1/4 H is for Darex M5.

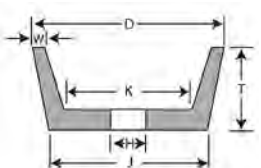
Dia.	T	H	DD	RW	Grit	Conc.	Material	Order No.	Price
2"	1/8"	3/8"	1/8"	1/8"	180	100	Diamond	BHD3570513	\$96.65
4"	1/2"	1/2"	1/8"	1/2"	120	75	Diamond	BHD3570514	\$128.55
5"	1/2"	1/2"	1/8"	1/2"	800	75	Diamond	BHD3279047	\$118.80
6"	1/2"	1/2"	1/8"	1/2"	80	75	Diamond	BHD3570515	\$186.05
6"	3/4"	1-1/4"			180	75	Diamond	BHD3700152	\$176.35
6"	3/4"	1-1/4"			120	75	CBN	BHD3700162	\$177.15

TYPE 6 STRAIGHT CUP



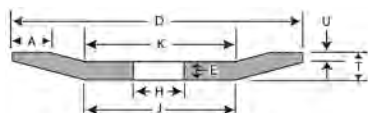
Fits Model	D	E	H	K	T	W	Grit	Type	Order No.	Price
302	3-1/2"	1/2"	1/2"	2-1/2"	1-7/16"	1/2"	60	Vitrified	BHD5978192	\$75.60
314-355	6"	1/2"	1-1/4"	5"	2"	1/2"	46	Vitrified	BHD3700411	\$42.05
355-384	6"	1/2"	1-1/4"	5"	1"	1/2"	60	Vit. Ruby	BHD3700265	\$28.20
355-384	6"	1/2"	1-1/4"	5"	1"	1/2"	46	Vitrified	BHD3700266	\$86.25
3055	6"	9/16"	5/8"	5"	2"	1/2"	60	Vit. Ruby	BHD3700268	\$44.35
640/3055	6"	9/16"	5/8"	5"	2"	1/2"	46	Vitrified	BHD3700267	\$97.45
240	6"	3/4"	1/2"	2-3/4"	1-3/4"	1-1/2"	100	Vitrified	BHD3700240	\$37.20

TYPE 11 FLARING CUP



Fits Model	D	E	H	J	K	T	W	Grit	Type	Order No.	Price
Router Attach 374-380	2"	5/16"	3/8"	1-1/2"	7/8	1-1/4"	1/2"	60	Vit. Ruby	BHD3700168	\$14.80
388	5"	1/2"	1/2"	3-3/4"	3	1-3/4"	1/4"	46	Vit.	BHD3700476	\$77.10
Grind Tool	6"	1/2"	5/8"	3-1/4"	3	2"	3/8"	60	Vit. Ruby	BHD3700060	\$105.25

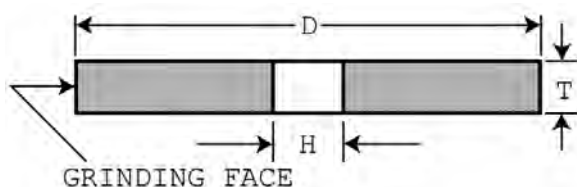
TYPE 12 DISH WHEEL FOR 1055 SHARP ALL, 310, 309, 375



Green Silicon wheel for sharpening low-grade carbide.

Fits Model	A	D	E	H	J	K	T	U	Grit	Type	Order No.	Price
1055	1/2"	6"	3/8"	1/2"	3"	3"	3/4"	1/8"	80	Green Silicon	BHD3700027	\$32.20

TYPE I STRAIGHT GRINDING WHEELS 2"- 6"



AVOID INHALATION OF DUST generated by grinding and cutting operations. Exposure to dust may cause respiratory ailments. Use approved NIOSH or MSHA respirators, safety glasses or face shields, gloves and protective clothing, and adequate ventilation to eliminate dust, or to maintain dust level below the Threshold Limit Value for nuisance dust as classified by OSHA.



For Use On Models	Dia	Arbor	Thick	Wheel Type	Grit	Order No.	Price
374-380	3"	3/8"	1/8"	Vitrified Ruby	60	BHD3700581	\$25.55
374-380	3"	3/8"	1/4"	Vitrified Ruby	60	BHD3700582	\$27.40
	3-1/2"	1/2"	1"	Resin	24	BHD3700086	\$16.10
	3-1/2"	1/2"	3/8"	Resin	24	BHD3700088	\$14.60
550	4"	1/2"	1/8"	Resin	46	BHD3700033	\$8.85
550	4"	1/2"	3/16"	Resin	46	BHD3700032	\$9.70
1055	4"	1/2"	1/2"	Resin	60	BHD3700031	\$15.70
1055	4"	1/2"	1/2"	Vitrified	100	BHD3700038	\$19.45
327	5"	1/2"	1/2"	Vitrified	46	BHD3700590	\$12.75
	5"	1/2"	3/8"	Resin	24	BHD3700087	\$28.30
	5"	1/2"	1"	Resin	24	BHD3700089	\$27.70
327 & Twice as Sharp	5"	1/2"	1/2"	Fine Vitrified	100	BHD3279002	\$15.75
308-394-399	5"	1/2"	1/8"	Resin Ruby	46	BHD3700588	\$10.40
308-394-399	5"	1/2"	3/16"	Resin Ruby	46	BHD3700587	\$11.80
308-394-399	5"	1/2"	1/4"	Resin Ruby	46	BHD3700589	\$13.90
308-394-399	5"	1-1/4"	5/16"	Vitrified Ruby	46	BHD3700576	\$14.35
Speed Sharp	5-3/4"	7/8"	1/8"	Vitrified	60	BHD3700591	\$16.50
Speed Sharp	5-3/4"	7/8"	3/16"	Vitrified	60	BHD3700592	\$17.30
Speed Sharp	5-3/4"	7/8"	1/4"	Vitrified	60	BHD3700593	\$18.85
310	6"	1/2"	1/8"	Resin Bond	60	BHD3700035	\$10.40
310	6"	1/2"	1/4"	Resin Bond	60	BHD3700036	\$14.15
310	6"	1/2"	3/8"	Resin Bond	60	BHD3700037	\$14.45
398	6"	1/2"	3/4"	Resin	24	BHD3700090	\$26.95
310-357 ; 367	6"	1/2"	3/8"	Vitrified	80	BHD3700667	\$15.85
310-357, 367-368	6"	1-1/4"	1/8"	Resin Bond	46	BHD3700394	\$19.95
310-357, 367-368	6"	1-1/4"	3/16"	Resin Bond	46	BHD3700393	\$27.75

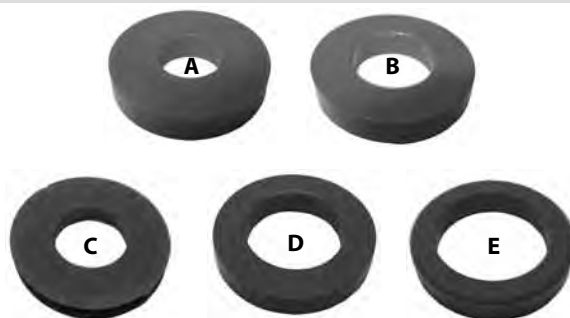
TYPE I STRAIGHT GRINDING WHEELS 6" - 10"

For Use On Models	Dia	Arbor	Thick	Wheel Type	Grit	Order No.	Price
310-357, 367-368	6"	1-1/4"	1/4"	Resin Bond	46	BHD3700392	\$25.40
388-398	6"	1/2"	3/8"	Vitrified Ruby	46	BHD3700363	\$21.40
398-1951	6"	1/2"	3/4"	Resin	46	BHD3700362	\$17.80
911	7"	1/2"	3/8"	Vitrified	80	BHD3700083	\$34.80
314	7"	1/2"	1/16"	Resin Bond	46	BHD3700972	\$21.30
314	7"	1-1/4"	1/8"	Resin Bond	46	BHD3700161	\$14.20
314	7"	1-1/4"	3/16"	Resin Bond	46	BHD3700159	\$12.95
314	7"	1-1/4"	1/4"	Resin Bond	46	BHD3700160	\$24.80
314	7"	1-1/4"	1/8"	Resin Ruby	46	BHD3700465	\$16.05
314	7"	1-1/4"	3/16"	Resin Ruby	46	BHD3700466	\$12.30
1055-375-309	8"	1/2"	1/16"	Resin Bond	46	BHD3700021	\$10.10
1055-375-309	8"	1/2"	1/8"	Resin Bond	60	BHD3700022	\$11.80
1055-375-309	8"	1/2"	3/16"	Resin Bond	60	BHD3700023	\$15.20
1055	8"	1/2"	1/4"	Resin Bond	60	BHD3700024	\$16.50
1055	8"	1/2"	3/8"	Resin Bond	60	BHD3700025	\$17.70
1055	8"	1/2"	1/2"	Resin Bond	60	BHD3700026	\$19.30
360-1055	8"	1-1/4"	1/4"	NorZon	36	BHD3700397	\$70.25
309-375-360	8"	1-1/4"	1/8"	Resin Bond	46	BHD3700958	\$21.65
309-375-360	8"	1-1/4"	3/16"	Resin Bond	46	BHD3700959	\$16.90
377-440-450	8"	5/8"	1"	Vitrified	24	BHD3700077	\$45.15
377	8"	5/8"	1"	Vitrified Ruby	46	BHD3700079	\$55.65
Profile	10"	1-1/4"	1/8"	Vitrified	60	BHD7792102	\$51.50

GRINDING WHEEL BUSHINGS

REDUCING BUSHINGS

Thickness	From	To	Photo	Order No.	Price
.248"	1-1/4"	1/2"	A	BHD3700408	\$2.80
.240"	1-1/4"	5/8"	B	BHD3700409	\$2.80
Split .190"	1-1/4"	5/8"	C	BHD3700428	\$.95
.232"	1-1/4"	3/4"	D	BHD3700429	\$2.80
.240"	1-1/4"	7/8"	E	BHD3700365	\$2.80



GRINDING, CLEANING, BUFFING & POLISHING WHEELS



6" FLAP POLISHING WHEEL

Used for polishing saw blades. The rotating sandpaper removes rust and polishes the saw blades. 6" Diameter x 1" Thick x 1/2" Arbor hole x 80 Grit.

Order No. BHD3700445.....\$28.95

WIRE WHEEL

A stiff wire wheel for cleaning and removing rust and burrs. 6" diameter with a 1/2" arbor.

Order No. BHD3700105.....\$32.85



6" FLAP POLISHING WHEEL

Used for polishing saw blades. The rotating sandpaper removes rust and polishes the saw blades. 6" Diameter x 1" Thick x 1/2" Arbor hole x 120 Grit.

Order No. BHD3700446.....\$29.95

FIBER WHEEL

Tampico fiber wheel cleans, buffs, and polishes. 6" x 1/2" x 1/2"

Order No. BHD3700107.....\$60.80

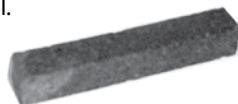


DRESSING TOOLS

HONING WHEEL DRESSING BRICK

This 3" x 1/2" x 1/2" dressing brick is used on the 3700173 Professional Scissors Honing and Polishing Wheel.

Order No. BHD3279054.....\$5.85



DIAMOND TIPPED DRESSER

Perfect for quick shaping of emery wheels. Long lasting man-made diamond tip. Fits our Bevel Aid Attachment for the 1055 Sharp-All.

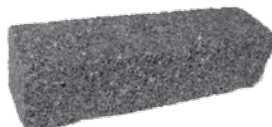
Order No. BHD3702450.....\$57.95



DRESSING BRICK

Smaller sized brick was standard equipment with our 308 Saw Chain Grinders. General purpose dresser for use on grinding stone wheels. Measures 3" x 3/4" x 3/4". Not for diamond or CBN wheels.

Order No. BHD3702508.....\$3.10



DESMOND DRESSER

Perfect for shaping emery wheels. Long handle allows for perfect dressing of emery wheels.

Order No. BHD3702422.....\$28.10

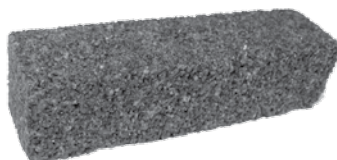
Order No. BHD3702423 Extra Cutter (#0)....\$5.15



DRESSING BRICK

Our most popular general-purpose dresser for use on emery wheels. Measures 6" x 1" x 1".

Order No. BHD3702238.....\$4.85



ROTARY DRESSER

The Metcalf is the ultimate rotary dresser, weighing in at 5 lbs. and supporting a stone that rotates on bearings for smooth operation. The dresser is built with comfortable heavy-duty cast iron handles.

Order No. BHD3702531.....\$255.25

Replacement Dressing Stone

Order No. BHD3702259.....\$38.90



CLEANING STICK FOR DIAMOND OR CBN WHEELS

Removes pitch and other foreign material from diamond wheels. Made from a very soft material that cleans diamond wheels exceptionally fast. Should be used minimally, since excessive use will shorten the life of the wheel.

Order No. BHD3572426.....\$4.10



KOOL GRIND

Coats and lubricates grinding wheels, preventing clogging and glazing and increasing grinding wheel life. Simply hold stick to wheel for a second after sharpening every 2 to 3 saw teeth. Sharpen cooler and faster. 5 pack.

Order No. BHD5935494.....\$14.60



FILES

SINGLE CUT: Has a single series of cutting teeth running in one direction. This file takes less pressure to remove desired amount of metal and does not wear or load as rapidly as a double cut file.

Files are measured from the heel of the file to the point. Does not include the handle tang.

Type of File	6-Inch Files	7-Inch Files
Double Extra Slim Taper	13-16 pts./inch	10-13 pts./inch
Extra Slim Taper	11-13 pts./inch	8-10 pts./inch
Slim Taper	8-10 pts./inch	5-7 pts./inch
Taper	5-7 pts./inch	Less than 5 pts./inch



Order No.	Description	Price 1-11	Price 12+
6" & 7" FILES DOUBLE CUT			
We are sorry, but the double-cut tapered saw files are no longer available from Nicholson.			
6" FILES SINGLE CUT			
BHD2196115	Double Extra Slim Taper	\$8.75	\$8.14
BHD2196116	Extra Slim Taper	\$8.95	\$8.32
BHD2196117	Slim Taper	\$8.45	\$7.86
BHD2196118	Taper Regular	\$10.40	\$9.67
7" SINGLE CUT			
BHD2197107	Double Extra Slim Taper	\$8.45	\$7.86
BHD2197109	Extra Slim Taper	\$9.65	\$8.97
HAND FILES SINGLE CUT			
BHD2198112	Mill Bastard 8"	\$7.85	\$7.30
BHD2198126	8" Crosscut	\$19.45	\$18.09
HAND FILES DOUBLE CUT			
BHD2196145	6" Webb File	\$18.25	\$16.97

ERGONOMIC FILE HANDLE WITH INSERTS



Interchangeable inserts fit most files. Handles feature a rubber-coated ergonomic shape for better comfort with a rear taper, wide middle, and flared neck to increase push force. Handle is re-usable and inserts will fit most files.

Order No. BHD2196146....\$4.70

SURE-GRIP FILE HANDLES

Molded industrial plastic file handles feature a sure-grip design to hold round chain saw files, mill bastard, cant saw, and chisel bit raker files. Handles are re-usable. Sold 1 each. Colors may vary.

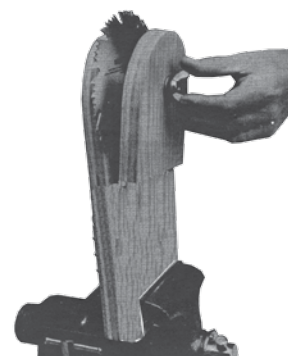
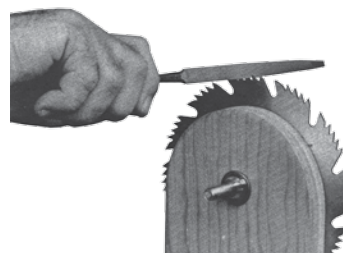
Order No. BHD2000614....\$1.25



SAW FILING VISE

Holds circular saw blades firmly in place for hand filing. Use with any bench vise. Sturdy plywood construction will provide years of use.

Order No. BHD2000615....\$17.25



RETIPPING EQUIPMENT



RETIPPING SHOP

Add extra profit and build a loyal customer base retipping carbide saws. The shop includes the tools and supplies you will need to offer a retipping service. The shop includes:

The shop includes:

- Retipping Fixture
- Silver Solder Ribbon Type
- 200 Assort. Carbide Tips
- Micrometer
- Side Dial Indicator
- Tip Degreaser
- One each Retipping Tongs
- One each Flux Brush
- Wire Brush
- Training DVD and Instruction Manual

RETIPPING FIXTURE ONLY

Tips are easily centered by a special blade height adjusting knob. Handles all different styles of carbide blades up to 40" in diameter.

Order No. BHD3670924....\$443.95

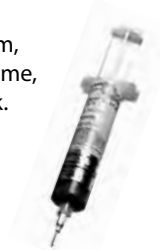


Order No. BHDG20664....\$699.95

SYRINGE TYPE SILVER/FLUX

A combination of flux and silver solder in paste form, ready to use in a syringe. This new method saves time, decreases waste and simplifies your retipping work. Syringe with 2 oz. of silver/flux.

Order No. BHD3672502....\$116.25



FLUX

Adds extra adhering power to soldered carbide tips. 1 lb. can.

Order No. BHD3572502....\$19.65



STEEL WIRE BRUSH

14" long Wire Brush, perfect for cleaning welded tips, removing tips and cleaning other saws and tools.

Order No. BHD3572126....\$2.65



FLUX BRUSH

Tin handle, 6" long.

Order No. BHD3572369....\$.95



RETIPPING TONGS

Convenient 6-1/2" tongs for handling the carbide tips. Prevents handling tips with your fingers.

Order No. BHD3572122....\$6.95



CARBIDE TIP ASSORTMENT

Contains 200 fast moving blanks. You get 25 each of these popular numbers: F002022, F002025, F002026, F002027, F002014, F002066, F002067, F002020

Order No. BHDF002057....\$94.65



SSDII TIP DEGREASER

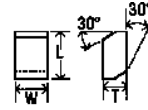
Non-flammable - leaves no residue. 18.5 oz. can.

Order No. BHD8500004....\$28.10



CARBIDE SAW TIPS

High quality carbide saw tips are available in packages of 25 only. All tips are grade 3 or 4. Save 10% when you buy 4 or more packs of the same tips.

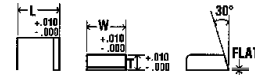


EUROPEAN STYLE CARBIDE SAW TIPS (25 PER PACK)

Order No.	L	T	W	Series	Per 25
BHDF002123	.312	.093	.150	WD	\$13.40
BHDF002124	.312	.093	.165	WD	\$6.55
BHDF002125	.312	.093	.185	WD	\$14.75
BHDF002126	.312	.093	.200	WD	\$15.35
BHDF002127	.500	.125	.165	WF	\$15.45
BHDF002128	.500	.125	.180	WF	\$25.15
BHDF002129	.500	.125	.200	WF	\$16.75
BHDF002130	.500	.125	.260	WF	\$29.35

Order No.	L	T	W	Series	Per 25
BHDF002131	.500	.125	.280	WF	\$25.55
BHDF002133	.375	.125	.150	WG	\$15.40
BHDF002134	.375	.125	.185	WG	\$17.40
BHDF002135	.375	.125	.215	WG	\$20.65
BHDF002137	.375	.125	.250	WG	\$15.50
BHDF002138	.344	.125	.150	WH	\$16.90
BHDF002139	.344	.125	.185	WH	\$11.65
BHDF002140	.344	.125	.215	WH	\$12.40

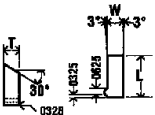
STANDARD REPLACEMENT CARBIDE TIPS (25 PER PACK)



Order No.	L	T	W	Series	Per 25
BHDF002011	.25	.062	.080	WA	\$6.60
BHDF002013	.25	.062	.115	WA	\$9.40
BHDF002014	.25	.062	.130	WA	\$12.15
BHDF002015	.25	.062	.160	WA	\$14.25
BHDF002016	.281	.078	.085	WB	\$8.70
BHDF002017	.281	.078	.100	WB	\$10.65
BHDF002020	.281	.078	.150	WB	\$13.30
BHDF002021	.281	.078	.165	WB	\$11.25
BHDF002022	.281	.078	.180	WB	\$14.95
BHDF002064	.281	.093	.120	WC	\$11.75
BHDF002066	.281	.093	.150	WC	\$14.25
BHDF002067	.281	.093	.165	WC	\$16.20
BHDF002068	.281	.093	.185	WC	\$17.30
BHDF002069	.281	.093	.200	WC	\$16.20
BHDF002025	.312	.093	.150	WD	\$14.25
BHDF002026	.312	.093	.165	WD	\$14.85

Order No.	L	T	W	Series	Per 25
BHDF002027	.312	.093	.185	WD	\$15.60
BHDF002028	.312	.093	.200	WD	\$14.85
BHDF002030	.312	.093	.230	WD	\$11.35
BHDF002032	.343	.125	.165	WH	\$12.90
BHDF002033	.343	.125	.180	WH	\$15.60
BHDF002034	.343	.125	.200	WH	\$23.55
BHDF002035	.343	.125	.230	WH	\$26.55
BHDF002036	.343	.125	.250	WH	\$17.30
BHDF002037	.343	.125	.265	WH	\$30.15
BHDF002172	.375	.125	.150	WG	\$10.75
BHDF002039	.375	.156	.200	WQ	\$22.60
BHDF002040	.375	.156	.265	WQ	\$36.30
BHDF002113	.375	.156	.300	WQ	\$46.15
BHDF002114	.375	.156	.335	WQ	\$24.80
BHDF002115	.375	.156	.375	WQ	\$49.50
BHDF002116	.375	.156	.400	WQ	\$22.90
BHDF002171	.500	.125	.257	WF	\$41.85

EDGER STYLE CARBIDE SAW TIPS (25 PER PACK)



Order No.	L	T	W	Series	Per 25
BHDF002117	.541	.125	.200	ES	\$30.30

SILVER SOLDER SAW SHIMS (25 PER PACK)

The tip length, and the thickness of the shim should be about the same as the tip thickness. The shim width should be more than the saw body thickness and less than the width of the tip.

Order No.	L	T	W	Per 25
BHD3572171	.250	.078	.125	\$4.65
BHD3572172	.281	.093	.156	\$4.85
BHD3572173	.312	.125	.156	\$5.95

GAUGES AND INDICATORS

6" DIGITAL CALIPERS

Includes both inch and millimeter readings. Finally – Digital Calipers at a reasonable price! Why worry about converting fractions or using difficult to read tools when you can get this high quality Swiss made tool that will do it all and last for years. Made of fiberglass-reinforced plastic.

Order No. BHD5749543....\$81.95



UTILITY MICROMETER

An economical measuring device for use in general tool room and saw shop use. Accuracy guaranteed to .001". Satin chrome barrel has friction thimble stop to permit consistent measurements. Spanner wrench is included for zero adjustments. Features etched graduations.

Order No. BHD5977174....\$26.20



SIDE DIAL INDICATOR FOR CIRCLE SAW BLADES

Precision Saw Set Gauge (dial indicator) is recommended for every sharpening professional. Eliminates guesswork when setting hand and circular saw blades. Accurately measures the amount of side clearance on carbide tipped saws and the amount of set on regular steel hand and circular saws. Dial face shows measurement in precise .001" increments.

Order No. BHD3570500....\$84.25



DIAL CALIPERS

Made in Switzerland of extra strong Super Polyamid Plastic, these calipers will measure inside depth, outside height or step, and has a capacity of 6" with graduations of .001 of an inch.

Order No. BHD5747557....\$41.30



PLUNGER DIAL INDICATOR

Large 2-1/4" diameter dial indicator is accurate to .001". Features a continuous rotating dial, full 1" travel, revolution accumulator counter, direct decimal two-way reading left and right, adjustable limit indicators, and a standard lug mount.

Order No. BHD3579123....\$62.95



SQUARE HEAD STEEL PROTRACTOR

This precision instrument measures the bevel or hook angle of one saw or tool and transfers it to another saw or tool via a sharpening machine. This stainless steel protractor has a 6" arm and graduations from 0 to 180° in opposite directions.

Order No. BHD3702121....\$15.25



CONTACT POINT

5/8" Face Flat Anvil

Order No. BHD3708035....\$19.65



MAGNETIC BASE ONLY

- Fine Adjustment Rod
- 110# of magnetic holding power
- On/Off Switch
- Clamp on lug back, stems, or dovetails

• **Dial indicator sold separately**

Order No. BHDF000388....\$39.25



MAGNETIC BASE LEVEL

Handy, time saving device permits simple, accurate readings of any angle. Ideal for setting angles on machines without protractors. Has hundreds of other shop uses too!

Order No. BHD3702707....\$13.60



MULTI-USE RULE & GAUGE

- A 4" quick reading 32nds/ in. and metric scale
- A drill point gauge for checking 59° angle drill
- A square
- A bevel protractor for measuring and laying out angles
- A center finder for locating centers of shafts or circles
- A circle divider – up to 9 equal parts, for dividing circles into sectors, regular polygons
- A tap drill table showing popular size taps with correct drill sizes for the National Form of thread sizes
- Durable stainless steel construction

Order No. BHDF000391....\$12.45



LUBRICANTS & CLEANERS



SOLVENT CLEANER & DEGREASER

Aerosol Solvent Degreaser removes grease and oil from carbide tips prior to retipping the blade. Many other uses in the shop and home, including cleaning electric motors, switches, control panels, tools, small engine parts and more.

Order No. BHD3708069....\$9.30

16 oz. Container



SPRAYWAY POLISHING OIL

- Makes abrasive belts last longer
- Keeps belts soft and free cutting
- Great for polishing metals
- Easy and fast to apply

Order No. BHD3708068....\$8.20

12.75 oz. Container

DRY COAT LUBRICANT

Used on saw blades, router bits, drill bits, shaper cutter, chisels, planer blades, and more! Dry Lubricant reduces friction, inhibits resin build-up and prolongs tool life. Use it after sharpening to give your customer a better working tool. Great product to resell to your customers. This product will give your sharpening job the competitive edge.

Order No. BHD3708072....\$9.85

12 oz. Container



MOLY-LUBE PROTECTANT

Pleasantly scented formula acts fast to loosen nuts, bolts, fittings and more. 101 uses for the shop and home. Special formula removes rust, lubricates, displaces moisture, and protects against future corrosion.

Order No. BHD3708070....\$7.65

15 oz. Container



H-42 CLIPPER CLEANER

Special solution cleans honing plates. Also recommended as a blade wash after sharpening clippers. Safe to use with a pleasant scent.

16 oz. Bottle

Order No. BHD3560106....\$19.95

32 oz. Refill Bottle

Order No. BHD3569106....\$31.50



SILICONE SPRAY

Heat stable silicone release agent stops sticking, making everything slide and glide easier. Use with the Sharp-All table, Belt Sander table, and any other machine or tool! Sprays on, dries fast, and leaves no oily residue. Use on rubber, plastic or painted surfaces. Odorless, colorless, waxless and heat stable, unaffected by temperatures ranging from -40° C to 204° C ; -40° F. to 400° F.

Order No. BHD3708073....\$8.40

20 oz. Container



SAW CLEANER

18 oz. aerosol can of Pitch and Gum Cleaner quickly cleans router bits, shaper cutters, and other wood working cutting tools. Simply spray the cleaner on the tool, let it set a couple of minutes, and then wipe the pitch away with a rag or brush.

Order No. BHD3708066....\$7.95

18oz. Container



WAHL HAIR CLIPPER OIL

Just a few drops of this oil help reduce blade friction and keep clippers running longer. Use for re-oiling after sharpening. A great product to sell to your customers to use after each hair cut. Comes in a handy 4 oz. plastic bottle with application spout.

Order No. BHD3549005....\$3.75



SUPER BRITE SAW CLEANER

All purpose pitch and gum remover quickly cleans router bits, shaper cutters, saws, and other wood-cutting tools. Pour or spray on, let it sit for a couple of minutes, and then wipe the pitch away with a rag or brush.

Order No. BHD3702000....\$32.55

1 gallon jug



DEGREASER

Preps clipper blades before and after sharpening. Degreaser dissolves a broad range of petroleum products plus animal and organic oils. Degreaser is biodegradable, non-toxic, non-flammable, non-corrosive and has no irritating fumes. Simply mix 1 part to 5 parts water in your parts washer or other container. 1 gallon jug.

Order No. BHD3560105....\$41.85



COOLANT ADDITIVE

Mixes 50:1 with water in your machine's coolant tank to prevent rust formation. Add 2.6 ounces to 1 gallon of water.

Order No. BHD3708200....\$66.25

1 gallon jug



COOLANT ADDITIVE

Mixes 50:1 with water in your machine's coolant tank to prevent rust formation. Add 2.6 ounces to 1 gallon of water.

Order No. BHD3708620....\$18.05

16 oz. Bottle



MAGNIFICATION, ILLUMINATION, & FACE SHIELDS



ILLUMINATED MAGNIFICATION SYSTEM

Magnifying lamp is perfect for the inspection table, providing a soft shadowless light for working with small objects or reading fine print. Features a 5-inch diameter Diopter lens with 1.75x magnification, a 22 watt circular fluorescent tube lamp, individually calibrated steel springs, and an enamel finish. Lamp clamps to a table or flat work surface.

Order No. BHD5786964....\$69.95

Replacement Bulb

Order No. BHD5788496...\$15.85

ALL-IN-ONE ILLUMINATED MAGNIFICATION VISOR



Lightweight visor can fit over glasses and features an adjustable Velcro headband, moveable eye loupe, illuminating side lights, and four levels of magnification from 1.8x to 4.8x. Requires 4 AAA batteries (not included).

Order No. BHD5749525....\$19.95

Replacement Bulbs (10 Pack)

Order No. BHD5749618....\$13.25

OPTI-VISOR

Magnifies 1-1/2 times to eliminate eye strain. Tilting visor. Adjustable headband fits all sizes. Lightweight construction for all day comfort.

Order No. BHD3702267....\$49.95



LAMP MOUNT MAGNIFIER

A handy, inexpensive way to add magnification to your illumination. This shade-mounted 2-Power model measures 4" x 2" and fits any full size Moffatt light or the Foley-Belsaw #3707340 Lamp. Swivels out of the way and comes complete with a dust cover.

Order No. BHD3707343....\$51.85



GOOSENECK LAMP

Gooseneck Lamp is ideal for any shop. 18" flexible neck provides precise lighting where needed. Our specially designed bulb cover never gets hot to the touch for added safety. Complete with a 72" cord and handy mounting bracket.

Order No. BHD3707340....\$69.50



FOLEY-BELSAW LOGO PROTECTIVE EYEWEAR

These glasses will provide 4-way protection against flying objects and airborne particles - from above, below and from the sides. Impact resistant lenses and universal temple size. Comfortable to wear.

Order No. BHD5990100....\$5.55



TILTING FACE SHIELD

Protects your entire face while sanding, buffing, light grinding or welding. The large visor provides a full view and is flame-resistant and reinforced with an aluminum edging. Lightweight, sturdy and quickly adjustable for comfortable wear. Removable vinyl sponge sweatband is washable.

Order No. BHD3702340....\$19.55



REPLACEMENT VISOR Order No. BHD3702339....\$8.80

ADVERTISING

BUMPER STICKER

A highly effective way to advertise your services. High visibility design with yellow letters on a dark green background.

Order No. BHD2124310....\$6.05



SHOP SIGN

A great way to advertise your services. High visibility orange and white vinyl with adhesive back. 13" W x 19" L with a blank 6.5" W x 19" L for your personal contact info.

Order No. BHD2124276....\$2.85



CALL 555-1234

MISCELLANEOUS SHOP ITEMS



SCRATCH AWL

High quality 5" scratch awl and punch features a 1/4" bit and an insulate plastic handle. Made in the USA.

Order No. BHD5747543.....\$7.95

PRECISION OILER

Smooth actuator allows for precise control and placement of lubricant. Overall length is 5-5/8". For use with lubricants only.

Order No. BHD3703124.....\$11.95



DUST & MIST RESPIRATOR

With Exhale Valve

Protects and keeps you cool on the job, even in high humidity. The exhale valve lets you breathe out easily without hot air build-up. Approved by NIOSH and MSHA.

Order No. BHD3702268.....\$4.80



DIPPING PLASTIC PROTECTIVE COATING FOR SAWS AND TOOLS

Red Dip Plastic with a 300° melting temperature. 10 lbs.

Order No. BHD2368011.....\$59.20



DELUXE FOLEY-BELSAW BALL CAP (RED & BLACK)

Rugged deluxe ball cap features heavy-duty stitching, brushed cotton panels, and a full-color embroidered logo. Simply put, it's a class act and a great cap!

Order No. BHD5988710.....\$16.70



PAINT MARKING STICK

Use to mark parts and identify saw blades and other items for customers. Writes like a crayon on metal, wood, plastic, concrete, rubber, glass, cardboard, and paper. Marks through oil and water on dirty, rusty, rough, and smooth surfaces. Made from real long-lasting lead-free paint. Bright yellow color.

Order No. BHD3708079.....\$3.05



SHARPENING SHOP INVOICES

One pad of 100 specially designed sharpening service shop invoices. Use with carbon paper to save time. 4-3/8"W x 7-1/4" L.

Order No. BHD3704005.....\$5.45



SHOP APRON

Heavy duty black denim apron features one large 7.5" square pocket, a thick solid neck loop and generous ties. 26" wide x 27" tall covers to just above the knee on a person of average height.

Order No. BHD6400036.....\$16.40



MULTI-ANGLE SWIVEL-ACTION PORTABLE VACU-VISE

Portable Vacu-Vise has an adjustable head that swivels 360°, tilts 90°, and locks into any position. Suction base forms a vacuum and sticks to any smooth surface. 3" jaws with protective detachable pads with a 2.75" opening. Vise can also be mounted with screws. No shop is complete without it.

Order No. BHD5746682.....\$32.30



ECONOMY PARTS WASHER

Holds 3-1/2 gallons of solvent. Works with all common nonflammable degreasing agents. Features a built-in shelf, 110V motor, and flexible metal hose. Dimensions: 15" x 12" x 9" overall size.

Order No. BHD5980114.....\$89.80



MULTI-ANGLE SWIVEL VISE WITH CLAMP MOUNT

Great for lock work. It's light enough to carry around, but heavy duty enough to hold key blanks, lock cylinders, or small parts. Clamp opens over 2" wide to fit most table tops and work benches, swivels 360 degrees, tilts 90 degrees and locks into any position. Complete with rubber jaws.

Order No. BHD5789440.....\$32.20



MODEL 301 PANAVISE®

A single knob controls head movement, allowing you to adjust movement in three planes: 90° tilt, 360° turn and 360° rotation. Nylon jaws are 2.5" wide, 0.5" tall and open to 2.25" and provide excellent electrical insulation and gentle holding power. 6.25" high and weighs 2.7 lbs.

Order No. BHD3704301.....\$62.30



REPLACEMENT RUBBER JAWS

Fits PanaVise.

Order No. BHD3704343.....\$4.30

LEARN AT HOME LIBRARY



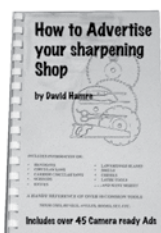
INSTRUCTIONAL DVDs

Each DVD gives you all of the details, terminology, set-up steps, and professional tips you need to make your learning profitable.

Order No.	Description	Price
BHD3709414	1055 SHARP-ALL & ATTACHMENTS	\$29.95
BHD3709667	367 CARBIDE GRINDER	\$29.95
BHD3709513	310-16 CARBIDE GRINDER	\$29.95
BHD3709573	310-16 ATTACHMENTS	\$29.95
BHD3709427	TRU-HONE KNIFE SHARPENING SYSTEM	\$23.95
BHD3709446	RETIPPING FOR CARBIDE SAW BLADES	\$29.95
BHD3279074	OOKAMI GOLD SHEARS SHARPENING INSTRUCTIONAL VIDEO	\$37.20

Order No.	Description	Price
BHD3708642	354 CLIPPER HONE	\$29.95
BHD3279165	HIRA-TO SCISSORS HONE	\$37.20
BHD3709574	1" BELT SANDER	\$29.95
BHD3709575	MODEL CS-101 CLIPPER BLADE SHARPENER (117 MINUTES)	\$61.50
BHD3289001	MODEL 328 ROTARY SEWING BLADES SHARPENING	\$37.20
BHD3709421	SPEED SHARP SAW CHAIN SHARPENER TRAINING	\$29.95
BHD3279035	MODEL 327 GENERAL SCISSORS SHARPENING	\$34.10

Note: Foley-Belsaw cannot accept returns of any Video, CD, DVD, or similar item that contains reproducible data. If you have a defective item, you may exchange for the same item. If the product has been opened and is not defective, or opened and damaged, we cannot give you credit for that item.



HOW TO ADVERTISE YOUR SHARPENING SHOP

Learn how to advertise your sharpening service successfully and on a small advertising budget. The first half discusses the basic ways to advertise: word-of-mouth, pick-up stations, bulletin boards, flyers, direct mail, yellow pages, and newspaper and shopper advertising. The latter half has over 45 camera ready ads, all prepared and ready for the printer. All you have to do is have the printer add your shop name and phone number. 64 pages, 100 illustrations.

Order No. BHD3704004....\$14.20



A SHARPENER'S GUIDE TO BEVELS & ANGLES

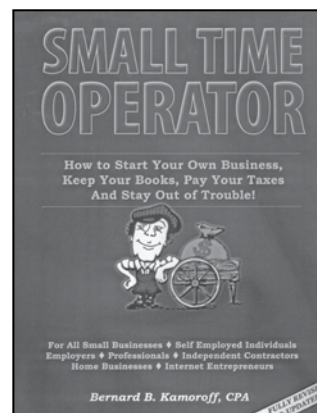
A handy reference guide to over 50 common tools. Includes information on their uses, bevels, angles, hooks, set, and more. Covers such tools as handsaws, circle saws, carbide circular saws, scissors, knives, lawn mower blades, drills, chisels, lathe tools, and many, more. 64 pages, 200 illustrations.

Order No. BHD3704003....\$14.20

SMALL TIME OPERATOR

Small-Time Operator shows you how to start your own business, keep your books, and pay your taxes. This book makes it so easy, that you no longer need a business education or an accounting dictionary to set up your business. Small Time Operator also includes bookkeeping instructions and a complete set of ledgers, especially designed for small businesses. 190 pages.

Order No. BHD5980070....\$18.95



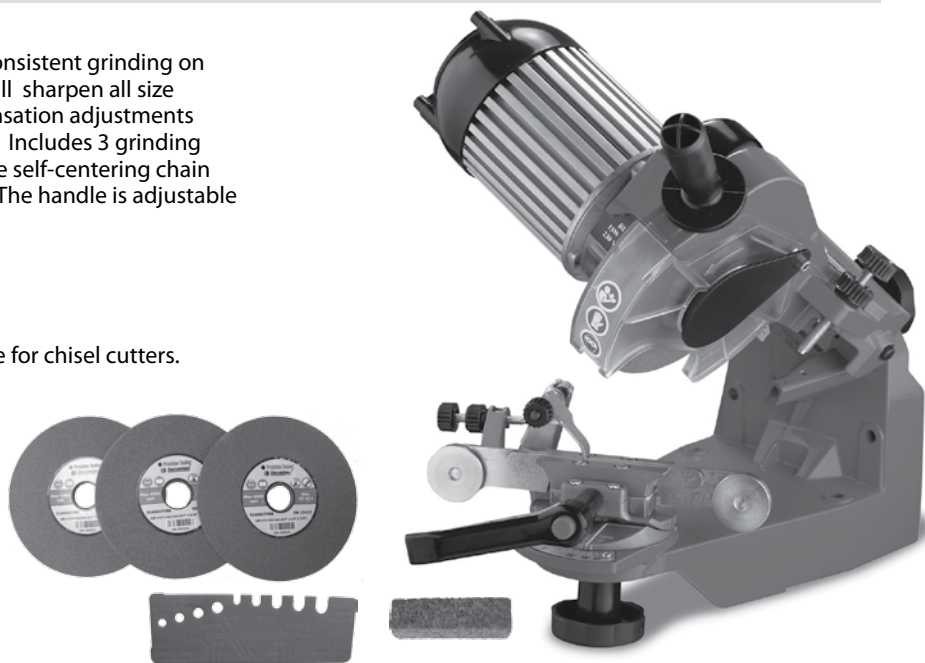
SPEED SHARP STAR SAW CHAIN GRINDER

SPEED SHARP STAR SAW CHAIN GRINDER

The new self centering vise ensures accurate and consistent grinding on both left and right cutters. The Speed Sharp Star will sharpen all size chains from 1/4" to 3/4" pitch. Down-angle compensation adjustments ensure optimum sharpening on chisel style cutters. Includes 3 grinding wheels, dressing brick, and depth gauge wheel. The self-centering chain vise includes rollers for easier chain advancement. The handle is adjustable and can be set for optimum location.

- Direct drive
- 120v / 60 Hz / 300W motor
- Double-coil motor arm torsion spring
- Tilting-vise allows setting of vertical (down) angle for chisel cutters.
- Down angle grind head adjustment
- Cutter length adjustment
- Built-in lamp

Order No. BHD3702930....\$423.35



SAW CHAIN GRINDING WHEELS

WHEELS FOR SAW CHAIN SHARPENING Note: * denotes the standard wheels used on the grinders. Use diamond wheels on carbide-tipped saw chain only. Use CBN, resin bond or vitrified wheels on steel-tipped chain only. Resin bond and vitrified wheels require initial and occasional dressing with a dressing brick (sold separately part number 3702508). Saw chain must be clean and free of pitch and oil before sharpening with diamond or CBN wheels.

Fits Models	Wheel Diameter	Wheel Arbor	Wheel Thickness	Recommended for use on chain pitch	Material	Grit	For Chain Tip Type	Order No.	Price Each
Model 550	4"	1/2"	1/8"	1/4", .325", 3/8LP	Resin Bond*	46	Steel	BHD3700033	\$8.85
			3/16"	3/8", .404", 7/16"	Resin Bond*	46	Steel	BHD3700032	\$9.70
Model 307	5"	1/2"	1/8"	1/4", .325", 3/8LP	Resin Bond*	46	Steel	BHD3700588	\$10.40
					CBN	60	Steel	BHD3700683	\$102.60
					Diamond	120	Carbide	BHD3570687	\$79.70
Model 308			3/16"	3/8", .404", 7/16"	Resin Bond*	46	Steel	BHD3700587	\$11.80
Model 394					CBN	60	Steel	BHD3700684	\$109.30
Model 399					Diamond	120	Carbide	BHD3570684	\$105.45
			1/4"	1/2", 9/16", 5/8", Rakers	Resin Bond*	46	Steel	BHD3700589	\$13.90
			5/16"	3/4" Harvester	Resin Bond*	46	Steel	BHD3700576	\$14.35
Speed Sharp	5-3/4"	7/8"	1/8"	1/4", .325", 3/8LP	Vitrified*	60	Steel	BHD3700591	\$16.50
					CBN	60	Steel	BHD3700673	\$91.35
					Diamond	120	Carbide	BHD3570686	\$97.85
Model 8800			3/16"	3/8", .404", 7/16"	Vitrified*	60	Steel	BHD3700592	\$17.30
Jolly, Oregon, and EFCO grinders with 7/8" arbors					CBN	60	Steel	BHD3700674	\$107.95
					Diamond	120	Carbide	BHD3570686	\$98.40
			1/4"	1/2", 9/16", 5/8", Rakers	Vitrified*	60	Steel	BHD3700593	\$18.85
1055 Sharp-All	6"	1/2"	1/8"	1/4", .325", 3/8LP	CBN	60	Steel	BHD3700680	\$136.95

SPEED SHARP WHEEL PACK

Includes one each of all three sizes of vitrified wheels used to sharpen steel saw chain on the Foley-Belsaw Speed Sharp and Model 8800 Grinders and other saw chain grinders capable of receiving a 5-3/4" diameter wheel with a 7/8" arbor hole.

Order No. BHDG20674....\$44.50



MODEL 307, 308, 394, 399 WHEEL PACK

Includes one each all four sizes of resin bond wheels used to sharpen steel saw chain on Foley-Belsaw models 307, 308, 394 and 399 Saw Chain Grinders.

Order No. BHDG20675....\$45.95



SAW CHAIN SHARPENING



PROFESSIONAL HARDENED ALLOY FILES FOR SAW CHAIN

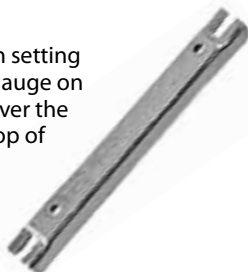
The very finest files available. Sizes below.

File Size	Length	Fits	Order No.	Price each	Price 12+
5/32"	8"	1/4, 3/8LP	BHD5978263	Your Choice \$4.15 each	Your Choice \$3.86 each
3/16"	8"	.325	BHD5978264		
13/64"	8"	.354, 3/8	BHD5978265		
7/32"	8"	3/8, .404	BHD5978266		
1/4"	8"	.404, 1/2	BHD5978267		

DEPTH GAUGE TOOL

Attention Saw Chain Sharpeners. This depth setting tool is a great help for lowering the depth gauge on chain to .025" or .030". Simply lay the tool over the depth gauge and file or grind flush to the top of the tool.

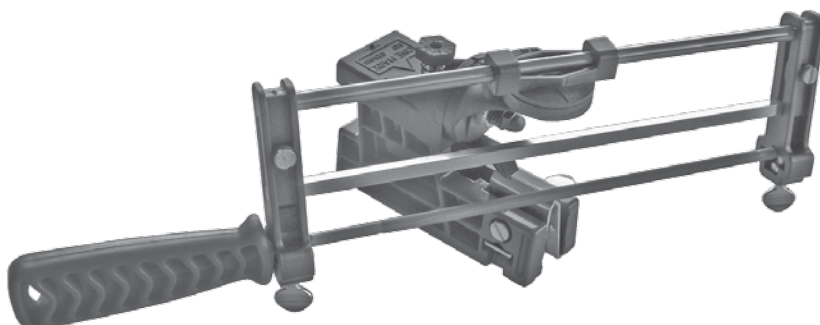
Order No. BHD3702756....\$4.50



PRECISION FILING MACHINE

Clamps on the guide bar to precisely align the movement of the file for correct filing angle. Makes sharpening a breeze. Just set dial at angle and height - the file then moves through to sharpen tooth in one position with precision-guided movement.

Order No. BHD5935476....\$43.55



ECONOMY WEDGES - 5-1/2"

For bucking and falling, these high-impact plastic wedges can't be beat. Economical, light and easy to carry. Will not damage saw chain. Designed to withstand extreme temperatures and severe use.

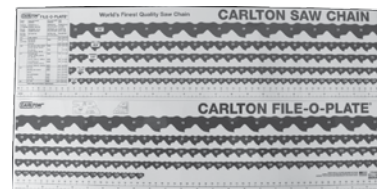
Order No. BHD5978047....\$5.50



CHAIN IDENTIFICATION & MEASURING CHART

48" long flexible plastic chart shows actual chain sizes. Lay the chain down on the chart to quickly measure. Assemble chain loops faster and more accurately. Attaches to a work table and measures chains up to 78" long.

Order No. BHD5938744....\$32.20



PITCH-N-GAUGE SAW CHAIN CHECK TOOL

Eight different measurements and checks on one handy tool: Bar Groove Gauge Check, 30° & 35° Filing Angle & File Sizes.

Order No. BHD5935492....\$4.25



GRINDING WHEEL RADIUS CHECK TOOL

Three different measurements to gauge the dressed edge of saw chain grinding wheels. Made of industrial poly-carbonate for years of use.

Order No. BHD3999087....\$5.20



25 FOOT REELS OF SAW CHAIN

DETERMINE THE PITCH

To determine a chain's pitch, measure the distance between the centers of any 3 consecutive rivets and divide by 2.



KNOW YOUR GAUGE

Gauge of a chain is the thickness of the drive link measured at the tang. Excessively worn chain drive links are difficult to accurately measure. Use the number stamped on the drive link of the old chain to ensure correct gauge when ordering..



PITCH	GAUGE	TYPE	REPLACES	ORDER NO.	PRICE
3/8 LP	.043	STANDARD SEMI-CHISEL CHAIN	Carlton N4C; Oregon 90SG; Windsor 43RG	BHD5961096	\$117.20
3/8 LP	.050	SEMI-CHISEL REDUCED KICKBACK	Carlton N1-C; Oregon 91VG; Windsor 50RG	BHD5918019	\$135.15
.325	.050	REDUCED KICKBACK SEMI-CHISEL	Carlton K1L, Oregon 33LG, Windsor 50JL	BHD5961193	\$153.40
		STANDARD FULL CHISEL	Carlton K1L; Oregon 33LG; Windsor 50JL.	BHD5979285	\$153.40
		STANDARD SEMI-CHISEL	Carlton K1C, Oregon 20BP, Windsor 50J	BHD5919026	\$153.40
.325	.058	REDUCED KICKBACK SEMI-CHISEL	Carlton K2C; Oregon 21BP; Windsor 58JG.	BHD5919027	\$153.40
.325	.063	STANDARD SEMI-CHISEL	Carlton K3C; Oregon 22BP; Windsor 63J	BHD5919028	\$153.40
3/8	.050	STANDARD FULL CHISEL	Carlton A1LM; Oregon 72LG; Windsor 50AL	BHD5979284	\$142.90
		STANDARD SEMI-CHISEL	Carlton A1EP; Oregon 2DG; Windsor 50A	BHD5919020	\$139.70
3/8	.058	STANDARD FULL CHISEL	Carlton A2LM; Oregon 73LG; Windsor 58AL	BHD5919021	\$139.70
		STANDARD SEMI-CHISEL	Carlton A2EP; Oregon 73DG; Windsor 58A	BHD5919029	\$139.70
3/8	.063	STANDARD SEMI-CHISEL	Carlton A3EP; Oregon 75DG; Windsor 63A	BHD5919022	\$139.70

SAW CHAIN REPAIR PARTS



Chain Pitch	Chain Gauge	Preset Straps 25/pack	Plain Straps 25 pack
1/4	.050	BHD5979522....\$8.10	---
.325	.050, .058	BHD5979529....\$18.10	BHD5979531....\$13.55
.325	.063	BHD5979530....\$16.45	
3/8	LP .043	BHD5961560....\$19.55	BHD5979525....\$12.05
3/8	LP .050	BHD5979524....\$19.55	
3/8	.050, .058	BHD5979526....\$18.10	BHD5979528....\$13.55
3/8	.063	BHD5979527....\$18.10	
.404	.050, .058, .063	BHD5979532....\$18.10	BHD5979533....\$13.55

You will need one preset strap and one plain strap to create a chain loop. The preset straps contain the rivets and the plain straps fit onto the rivets of the preset straps.

SAW CHAIN REPAIR KIT 150 PIECES

Qty	Description
25	3/8 LP Presets
25	3/8 .050 Preset
25	.325 .050 Preset
25	3/8 LP Plain
25	3/8 .050 Plain
25	.325 .050 Plain
Order No. BHD5975512....\$112.99	



SAW CHAIN REPAIR TOOLS

BENCH MOUNTED RIVET SPINNER

Sturdy construction for fast, accurate chain repairing. Precision alignment creates factory look to rivet heads. A high quality shop tool for repairing all saw chains from 1/4", .354", 3/8", .404", 7/16" and 1/2" pitch.

Order No.

BHD3702715....\$85.60



BENCH MOUNTED SAW CHAIN BREAKER

Bench mounted chain breaker easily presses out saw chain rivets. Works with all saw chains from 1/4" to 1/2" pitch. A must for every chain saw repair shop.

Order No. BHD3702714....\$91.95



SAW CHAIN REPAIR KIT

Includes the Bench Mounted Rivet Spinner (3702715) and the Bench Mounted Chain Breaker (3702714).

Order No. BHDG6261....\$149.95



DELUXE SAW CHAIN REPAIR KIT

Includes everything you need to repair saw chain. Kit includes the Bench Mounted Rivet Spinner (3702715), Bench Mounted Chain Breaker (3702714), the 300 Piece Saw Chain Repair Assortment (5975511).

Order No. BHDG6459....\$314.95



**SAVE MONEY WHEN YOU BUY
OUR EXCLUSIVE KITS!**

BREAKER/SPINNER PARTS



STEEL PARTS for Breakers 3702714 and spinners 3702715

Order No.	Description	Price
BHD3702748	Breaker Punch .390 OD x 1.42" L	\$12.65
BHD3702751	Spinner Insert (A) for .3/8" to .404" pitch; 7/8" L	\$13.20
BHD3702750	Spinner Insert (C) for 1/4", .325", 3/8LP pitch	\$13.20
BHD3702752	Take Up Handle (C) 1/4" to .325" pitch	\$31.30
BHD3702753	Take Up Handle (A) 3/8" to .404" pitch	\$25.85

BREAKER/SPINNER PARTS



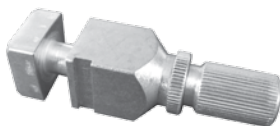
CAST IRON PARTS for Breakers 3702710 and Spinners 3702717

Order No.	Description	Price
BHD3702712	Breaker Punch For Cast Iron Chain Breaker	\$14.40
BHD3702722	Spinner Anvil C for 1/4", .325", 3/8LP pitch	\$12.65
BHD3702746	Take Up Handle 3/8" to .404" pitch (AB) . Has the word "metric" stamped on the handle.	\$30.60

ADJUSTABLE BREAKER ANVIL

Works with most sizes of chain and most types of breakers. Turn the knob in or out to adjust the opening of the anvil.

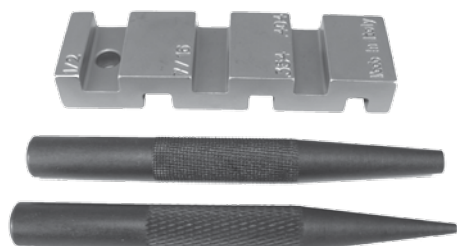
Order No. BHD3702749....\$24.50



CHAIN BREAKER/RIVETER

Six-way saw chain repairing tool has an anvil, punch, and rivet punch to make on-the-job repairs. Accommodates all chain sizes from 1/4" to 1/2" pitch. High quality Italian made.

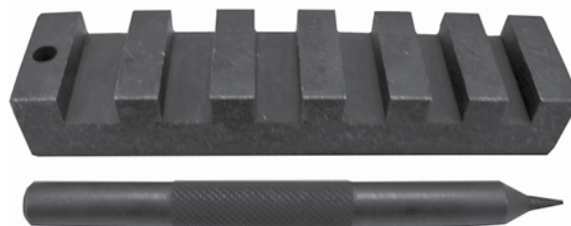
Order No. BHD3702711....\$35.65



POCKET CHAIN BREAKER

Six-way saw chain repairing tool has an anvil and punch to make on-the-job repairs. Accommodates all chain sizes from 1/4" to 1/2" pitch.

Order No. BHD5931563....\$16.95



ROTARY BLADE SHARPENING TIPS

There are millions of lawn mowers with millions of blades that need to be periodically sharpened. Sharpening these blades is an easy way to make money if you have the right equipment and if you follow some basic steps. The biggest problem with lawn mower blades is that the owners always overuse them. Some blades are so dulled and rounded that you can hardly tell the cutting edge from the back edge.

The steps for correctly sharpening a rotary lawn mower blade are as follows:

1. Cleaning
2. Inspecting
3. Grinding
4. Balancing

CLEANING THE BLADE

A rotary blade which has a build-up of dirt and dried grass clippings cannot be properly sharpened or balanced. To clean your blade follow these steps:

1. Put on safety glasses.
2. Scrape off the main build-up with a flat scraper.
3. Use a wire wheel on a bench grinder or a wire brush by hand to finish cleaning.

INSPECTING THE BLADE

If the blade is bent, twisted or cracked, you should advise the customer to replace it and refuse to sharpen it.

WARNING: DO NOT ATTEMPT TO STRAIGHTEN OR SHARPEN A BENT OR TWISTED BLADE.

Due to the high RPM that the blade is traveling, if there is already a crack or bend in the blade and it were to hit a rock or large object, it could break off at this stress point and send a portion of the blade flying out very dangerously. Again NEVER use a blade that has a crack or bend—immediately discard the blade for your own safety.

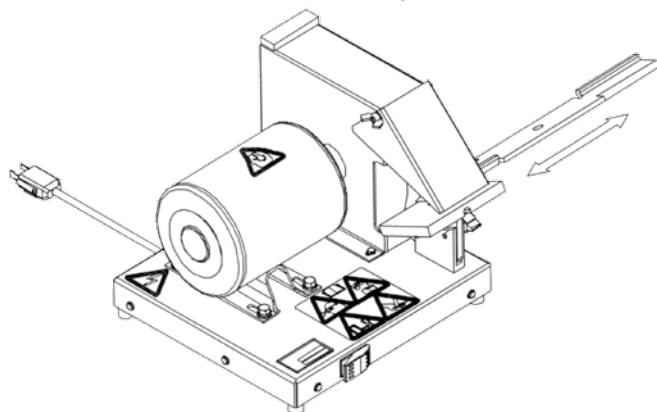
GRINDING THE BLADE

The next step is to grind the bevel edge to full sharpness. A 30° bevel is the most common angle to put on the cutting edge. A 45° angle would be too blunt and would tear at the grass and leave brown edges on the individual grass blades. A 15° angle would be too sharp and would dull rapidly.

Foley-Belsaw's Neary 440 and 450 Rotary Blade Grinders are the ideal machines for quick and accurate grinding of the beveled edge. The grinding table is adjusted to achieve the desired angle. The rotary lawn mower blade has two cutting

edges, 2" to 3" long, one on each end of the blade. The blade travels at such high RPMs that only the outside 2" or 3" inches does any actual cutting.

Most mower blades come in for sharpening in such terrible shape that a lot of metal must be removed. A grinding wheel is the best bet for this type of heavy removal. The Models 440/450 use a large 1" wide x 8" diameter, 36 grit grinding wheel. You can also use a belt sander to sharpen a mower blade, however it usually won't be as economical as a grinder. If the blade is burning excessively while sharpening, use lighter strokes. Also, keep the grinding wheel dressed and clean at all times to prevent heat buildup. You can also dip the blade in a bucket of water to keep it cool.



Grind the blade the same amount on each end, making several slow, even passes across the grinding wheel. For blades that rotate clockwise, insert the blade from the Wheel Guard side of the grinder. For blades that rotate counter-clockwise, insert the blade from the Motor side of the grinder.

BALANCING A ROTARY BLADE

For smooth operating mowers, the blade should be balanced, that is, the metal on each side of the arbor hole should weigh the same. Since the blade turns at such high RPMs on a rotary lawn mower, an out of balance blade can cause damage to the spindle or crankshaft and bearings. Foley-Belsaw stocks several different blade balancers. To balance a blade, simply set the lawn mower blade onto the blade balancer, and if one end dips lower than the other end, grind metal off the heavy end until the blade balances.



Economy Blade Balancer

Heavy End
Grind Here



BLADE

15°

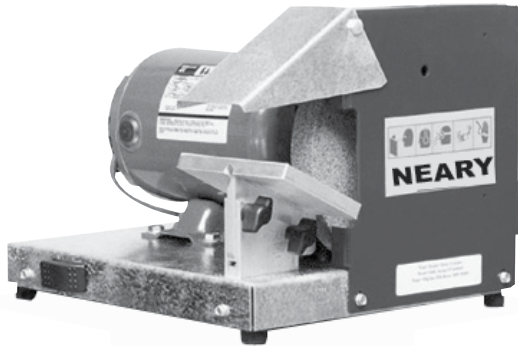
30°

45°

ROTARY BLADE SHARPENING

It Pays to Own a Neary Rotary Mower Blade Grinder!

AT \$6.00 PER BLADE, THIS MODEL 450 WILL PAY FOR ITSELF AFTER ONLY 111 BLADES!



HEAVY-DUTY MODEL 440

- 1/2 HP Industrial Motor
- Large 8" x 1" wheel
- Adjustable Blade Guide
- One Year Warranty
- Made in the USA



Order No.
BHD3440901....\$549.95

COMMERCIAL MODEL 450

- Full 1 HP Industrial Motor
- Large 8" x 1" wheel
- Adjustable Blade Guide
- One Year Warranty
- Made in the USA



Order No.
BHD3440902....\$665.95

COMMERCIAL MODEL 450 SHOP

- MODEL 450 Rotary Blade Grinder
- Large 8" x 1" wheel
- Heavy Duty Floor Stand
- Industrial Vacuum
- Made in the USA



Order No.
BHDG20704....\$1,128.80



INDUSTRIAL VACUUM

Attaches to the port on the Model 440 and Model 450.

Order No. BHD3449818....\$304.30



FLOOR STAND

Industrial stand fits the Model 440 and Model 450.

Order No. BHD3449505....\$330.55



METAL ROTARY MOWER BLADE BALANCER

Simple design gives complete accurate balancing for any rotary mower blades. Assures vibration-free mower operation. Balances any blade, any length with 3/8" to 1-3/4" diameter center hole.

Order No. BHD3702277....\$4.95



PLASTIC ROTARY BLADE BALANCER

Industrial plastic balancer helps curb engine vibration. Balances any blade, any length with 3/8" to 1-3/4" diameter center hole.

Order No. BHD5979988....\$4.75



ROTARY MOWER BLADE HOLDER

Securely holds mower blades safely, preventing them from turning during removal or installation. Incredibly durable construction to give you maximum leverage. If you work on lawn mowers, you must have this tool!

Order No. BHD5980621....\$9.95



MAGNETIC ROTARY BLADE BALANCER

Use to balance rotary mower blades, circular cross cutting saws, & fan blades and impellers. Holds blades up to 1-1/2" diameter. Encased super magnets hold the blade in place. Mounts on the wall, allowing the blade to hang in a horizontal balance position.

Order No. BHD3702716....\$122.95



PROFESSIONAL MAGNETIC BLADE BALANCER

Professional Blade Balancer mounts on the wall allowing the blade to hang in a horizontal balance position. Strong magnets hold the blade in place. Cone size fits blade hole widths 5/16" to 1-1/2" dia. Made of finest precision steel for long life. Special sealed bearings for precision balancing.

Order No. BHD5979645....\$199.95



online: www.Foley-Belsaw.com

fax: 715-426-2198

phone: 1-800-821-3452

Order Today!

MAGNA-MATIC ROTARY BLADE SHARPENING

ROTARY BLADE CLEANER

The MAG-12008 cleans lawn mower blades up to 30 inches long and 3.75 inches wide in 60 seconds. The dual counter-acting brushes remove rust and debris from the top and bottom of the blade at the same time. Cleans both mulching and conventional straight blades. Features

- Two 8 inch counter-acting steel brush gangs clean the top and bottom of the mower blade at the same time in 60 seconds.
- Features super heavy-duty construction with a 1-1/2 HP Leeson motor and a clean, enclosed design ready for vacuum or air cleaner hook-up.
- Safe enclosed design, will not push or pull the blade
- Dimensions: 20" long x 12" wide x 23" high; weighs 110 lbs
- 220 volt 60 hertz / single phase [it can be wired to 110v/60hz if preferred] (220 volt 50 hertz available for export)
- Made in the USA by Magna-Matic

Order No. BHD3440964....\$1,158.05

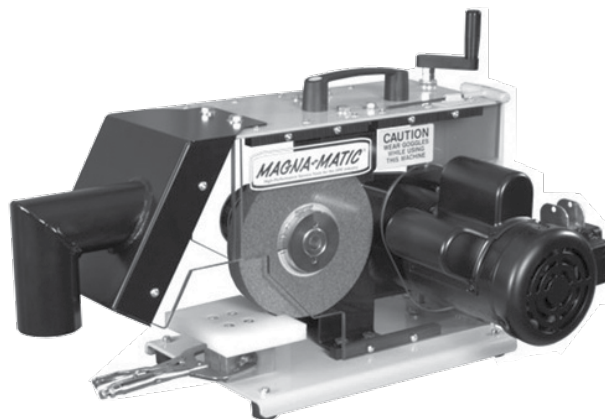


UNIVERSAL ROTARY MOWER BLADE GRINDER

The Magna-matic MAG-8000 is the first rotary blade grinder of its kind to be able to both sharpen conventional (flat or straight) lawn mower blades AND mulching (curved cutting edge) lawn mower blades. It is also able to easily sharpen both left and right handed blades with a single direction motor. Features include:

- Dimensions are 24" L x 12" W x 17" H; weighs 82 lbs.
- Leeson 1 HP, 115 Volt Motor
- 7" dia x 1" thick Grinding Wheel for straight blades and a 7" x 1/2" thick blade for mulching blades
- Includes vacuum attachment port
- Made in the USA

Order No. BHD3440960....\$1,223.05



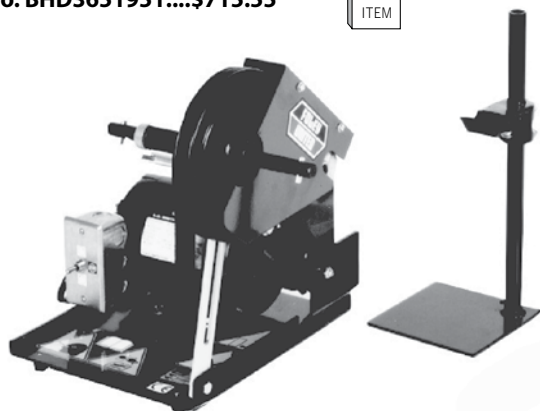
REEL MOWER LAPPING

MODEL 365 LAPPER

Ideal for quick touch ups on all your reel mowers between major sharpenings. The Model 365 Back Lapper quickly sharpens and hones your reels and bed knives, giving them a fine cutting edge. Fast and easy to set up, the Back Lapper connects easily to most reel mowers and can sharpen gang mowers while still connected to the frame and tractor. Includes detailed instruction manual.

- Model 365 with reversible 1/2 HP, 110/220 Volt motor
- Drive coupler and Socket drive assembly
- One adjustable height support stand

Order No. BHD3651951....\$715.55



LAPPING COMPOUND

Order No.	Grit	Description	Size	Price
BHD3708280	60	Diamonite	10 lbs.	\$52.05
BHD3708281	60	Diamonite	25 lbs.	\$117.05
BHD3708282	80	Diamonite	10 lbs.	\$52.05
BHD3708283	80	Diamonite	25 lbs.	\$117.05
BHD3708285	120	Diamonite	10 lbs.	\$52.05
BHD3708286	120	Diamonite	25 lbs.	\$117.05
BHD3708288	150	Diamonite	10 lbs.	\$52.05
BHD3708289	150	Diamonite	25 lbs.	\$117.05
BHD3708293	80	Razor Sharp	10 lbs.	\$47.95
BHD3708294	80	Razor Sharp	25 lbs.	\$89.70
BHD3708296	120	Razor Sharp	10 lbs.	\$47.95
BHD3708297	120	Razor Sharp	25 lbs.	\$89.70



60 Grit- Fast metal removal for fairway mowers

80 Grit-Regular maintenance for fairway, green mowers and finish lapping

120 Grit-Extra fine finish lapping of green and tee mowers

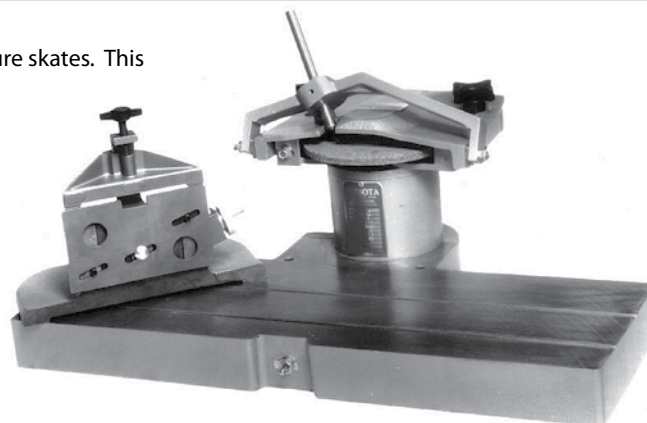
150 Grit-Ultra fine finish lapping of green and tee mowers. Diamonite only

SKATE SHARPENING

WISSOTA MODEL 911 PROFESSIONAL SKATE GRINDER

Professional quality, industrial-duty Skate Sharpener for hockey and figure skates. This machine can add thousands of dollars to your sharpening shop.

- Easy Height Adjustment
- Rugged Cast Iron Table
- Diamond wheel dresser adjusts to produce hollow grinds 1/4"-1"
- Cast Iron Skate Holder Base
- Model 911 with Enclosed Motor
- Quick release skate holder
- Built-in precision dressing system
- Special 7" x 3/8" x 1/2" Skate Sharpening Wheel
- Instruction Manual



Order No. BHD3930911....\$1,092.60



80 GRIT GRINDING WHEEL

7" x 1/2" Arbor x 3/8" thick 80 Grit Wheel

Order No. BHD3700083....\$34.80



CUTLERY SHARPENING



TRU-HONE

The Tru-Hone takes the guesswork out of knife sharpening, doing the complete job of sharpening, thinning, and honing the knife.

Three Easy Steps

Adjustable speed and bevel controls allow the operator to sharpen both sides of the blade simultaneously, with no burrs. It's as easy as 1, 2, 3:

STEP 1. Set the dial adjustment for grinding the bevel.

STEP 2. Move the dial adjustment for thinning the knife edge.

STEP 3. Move the dial adjustment to the honing mode and hone the knife

Model LC Tru-Hone with 1/2 HP 110/115 Volt, 50/60 Cycle Motor, 1 set of (4) 220 Grit Honing Wheels, Belt Removal Tool, Machine Mounting Stand, and Instructions.

110 Volt Machine No. BHD3702901....\$999.95

220 Volt Machine No. BHD3702905....\$1,208.25

Tru-Hone Grinding Wheel Sets

BHD3700071 (Set of 4) 100 Grit \$56.70

BHD3700070 (Set of 4) 220 Grit \$64.25

BHD3700072 (Set of 4) 400 Grit \$71.90



F. DICK RS-150

Dual station grinding machine features counter-rotating diamond wheels set to the correct angle for easy sharpening and hard ceramic wheels for honing. High quality compact machines offer high capacity knife sharpening at a reasonable price.

Order No. BHD9805001....\$1,324.70

Replacement Diamond Grinding Wheels

Fits RS-150 and RS75.

Order No. BHD9805009....\$170.95



PAPER KNIFE SHARPENING SHEATHS

Heavy-duty paper sheaths protect your customers' knives. Provides a place to write the customer's name and phone number.

Order No. BHD3708065....\$45



HONING EQUIPMENT TOOLS AND SUPPLIES

PAPER SHARPENING WHEEL KIT

Knives • Gouges • Scissors • Carving Tools

Two laminated paper wheels give a polished razor edge to items like scissors and knives. Both wheels fit on any ordinary bench grinder motor with a half-inch arbor capable of using 8" diameter wheels. These wheels work best on high-speed motors capable of 3450 to 3600 rpm. First, coat the Silicon Carbide blade with conditioning grease and use to create a burr on the tool. Then switch to the Slotted Wheel and add some jeweler's rouge and polish the burr off. This process provides a polished razor's edge at any angle up to 50°. The kit has enough extra grit to re-coat the wheel about 3 times. It usually sharpens 100 to 300 blades before resurfacing is needed.

Paper Wheel Kit for 8" Grinders
Order No. BHD3700497....\$33.75

Replacement Grit & Grease Kit
Order No. BHD3700498....\$10.15

Paper Wheel Kit for 6" Grinders
Order No. BHD3700500....\$29.25

Replacement Grit 2 oz.
Order No. BHD3700499....\$5.65



MULTI-OIL STONE

Our highest quality oilstone provides the ultimate sharpening for fine cutlery. Stone holding assembly comes with 3 stones (coarse, medium, and fine) that easily rotate, leaving the 2 unused stones preserved in oil. Includes one pint of superior honing oil. Stones are 11-1/2" long x 2-1/2" wide x 1/2" thick.

Order No. BHD3702037....\$246.65



THE MINI MULTI-OIL STONE

This handy compact kit includes one coarse and one medium grit Crystalon Hone and a Fine India Stone with a 4 oz. container of Norton Oil. Stone sizes are 6" x 2" x 1/2".

Order No. BHD3702200....\$87.95



Replacement Hone Stones

India Hone (Fine) 6" x 2" x 1/2" - **BHD3702205....\$13.95**

Coarse Hone 6" x 2" x 1/2" - **BHD3702207....\$14.50**

REPLACEMENT PARTS

Bear Oil (1 Qt.) - **Order No. BHD3702046....\$25.60**

Stone (fine grit) - **Order No. BHD3702038....\$49.55**

Stone (medium grit) - **Order No. BHD3702039....\$54.20**

Stone (coarse grit) - **Order No. BHD3702040....\$52.15**

CROSSTEEL

The Crossteel uses smooth steeling action with two spring tensioned pivoting sharpening rods to keep your knives razor sharp. Simply draw the knife through the angled honing rods and your dull knife will be razor sharp in minutes.

Order No. BHD3702909....\$89.95



Replacement Double Polished Honing Rods
Order No. BHD3702911....\$32.60

Replacement Single Polished Honing Rods
Order No. BHD3703560....\$24.50



MACHINE KNIFE STONE

Removes burrs and rough edges after grinding knives, scissors, and other flat edge cutting tools. Combination coarse and fine grit with safety groove around the circumference to protect fingers. 4" Diameter x 1-1/2" Thick.

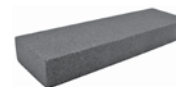
Order No. BHD3702991....\$43.15



DEBURRING STONE

3" x 7/8" x 3/8" deburring stone removes the burr on the opposite side after grinding to finish the edge.

Order No. BHD3700096....\$3.50



FOLDING DIAMOND FLAT HONE

Diamond coated on one side tapers from a width of 3/4" at its base to 1/4" at its top. 3/64" thickness makes it useful for hand and circular saw sharpening, garden pruners and short cut-type hand saws. Also sharpens router bits and other cutters. Handle splits and folds back over for storage. Diafold Brand.

Coarse Flat Hone
Order No. BHD8500502....\$37.95



FOLDING DIAMOND SERRATED KNIFE HONE

Available in fine and coarse mesh. The hone tapers from 1/4" to 1/16" diameter. Also used for gouges, shapers and farrier knives. Handle splits and folds back over for storage. Diafold Brand.

Fine (600 mesh) Hone
Order No. BHD8500503....\$39.90

Coarse (325 mesh) Hone
Order No. BHD8500504....\$39.90



online: www.Foley-Belsaw.com

fax: 715-426-2198

Order Today! phone: 1-800-821-3452

CLIPPER HONES FOR BARBER/BEAUTY

Includes Everything You Need!

- CS-10 Honing Machine
- 10" Micro-Serrated Aluminum Double-Sided Plate
- One Pound Premium Honing Powder
- Plate Charging Block
- Power Magnet
- Deluxe Socket Setting Gauge
- 8oz Lubricant/ Cleaner
- 8oz Spray Oil (Abrasive Adhesive)
- 2oz Clipper Blade Start-Up Oil
- 100 Plastic Bags to Return Sharpened Blades
- Allen Wrench, Screws
- One and a Half Hour Training DVD

Order No. BHD3560010....\$1,067.65



MODEL CS-10 MINI

This Clipper Sharpening Mini is the perfect machine for the mobile in-store Sharpening Professional. Its compact design (11" x 11" x 7-1/2") and lightweight construction (20 pounds) make it truly portable. The CS-10 features 14-gauge steel housing and a single speed, fan cooled, thermally protected 115 Volt motor. The 10" Micro-Serrated dual sided aluminum plate turns at 1050 RPM, giving it plenty of power and speed for sharpening A5 type blades, as well as trimmer blades and the vibrating type clippers used in barber and beauty shops. The machine comes equipped with the necessary supplies to sharpen about 1,000 clippers. Also includes a complete training video that has helped thousands master the art of clipper sharpening.

MODEL CS-101

Professional Clipper Blade Sharpener takes the guesswork out of sharpening hollow ground clippers. This workhorse is capable of sharpening 15 - 25 sets an hour. Features a 14" precision ground aluminum honing plate. Life expectancy of the honing plate depends on the condition of the clippers you sharpen, but generally lasts between 1400 to 3000 blade sharpenings before replacement is necessary (Order No. 3560102). Also includes a complete training video that has helped thousands master the art of clipper sharpening.

Order No. BHD3560101....\$1,614.60



Includes Everything You Need!

- CS 101 Machine
- Dust Guard
- 14" Micro-Serrated Aluminum Double-Sided Plate (16" Available, Add \$100)
- One Pound Premium Honing Powder
- Plate Charging Block
- Power Magnet
- Deluxe Socket Setting Gauge
- 8oz Plate Lubricant/Cleaner
- 8oz Spray Oil (Abrasive Adhesive)
- 2oz Clipper Blade Start-Up Oil
- 100 Plastic Bags To Return Sharpened Blades
- Center Line, Allen Wrench, Screws (2)
- One And A Half Hour Training DVD

**MAKE \$100+
PER HOUR!
SHARPEN 20
SETS/HOUR
AT \$6/SET!**



ACCESSORIES FOR THE MODEL 354 CLIPPER HONE

MODEL 354 REPLACEMENT HONING PLATE

Fits the Foley-Belsaw Model 354 Clipper Hone.

Order No. BHD9993536....\$228.45



14" MICRON HONING DISC

For use on animal clipper blades. 400 Grit (30 micron). Sticks to the honing plate with petroleum jelly.

Order No. BHD3703105....\$13.60

14" MICRON HONING DISC

For use on animal clipper blades. 300 Grit (40 micron). Sticks to the honing plate with petroleum jelly.

Order No. BHD3703106....\$13.60



CLIPPER BLADE SHARPENING

Hollow Grinding

Hollow grinding is accomplished by properly directed pressure on the top cutter and the bottom comb. You push down on the center of the blade so that the center is ground more than the outside. This creates a hollow or concave grind on the blade. When you release pressure on the blade, it will spring back slightly, forming the hollow grind.

Human and dog grooming blades should be hollow ground. Sheep shears and the horse blades that fit on the big Stewart, Oster, Sunbeam clippers are usually flat ground.

Steps for Sharpening

1. Inspect Clippers for broken teeth or unusual wear patterns.
2. Clippers come in matched sets. Be sure to keep the pairs together.
3. Observe how top and bottom halves line up with each other before disassembly.
4. Clean blades with a solvent or degreaser.
5. Sharpen comb (bottom half). Check for honing all the way to the points.
6. Sharpen cutter (top half). Observe proper finger pressure.
7. Clean both halves, adjust spring tension, if necessary, and carefully reassemble.

Blade Cleaning and Lubricating

H-42 Clipper Cleaner is recommended for cleaning clippers after you have sharpened them. Oil is necessary for the prevention of rust and friction. Oil provides the necessary lubrication to prevent heat buildup because of the friction that blades create from rapidly moving back and forth. Then apply a drop of Clipper Oil in each corner of the blades while the clipper is running to evenly distribute the oil. Wipe off any excess oil.

Blade Tension

If you will turn the blade-set over you will see little ears on the socket. The socket is attached to the comb part of the blade-set by the two screws that go through the comb. The comb should never move when the clipper is turned on. If the comb moves, even slightly, it will chatter, leave rows, pull hair, and bog down.

The hinge assembly part will differ slightly between companies. This difference will result in

the blade-set not fitting well. To adjust the blade: mount the blade and observe if the comb part has any movement. It should be absolutely still. If there is any movement, remove the blade and turn it over to make the adjustment.



Use precise pliers and gently squeeze the ears together. Repeat until all movement is gone. If you have closed the ears too much, they won't mount. This can be fixed by forcing the ears over the hinge. While the clipper is running, place the back of the comb to the heel of your left hand and using your right hand, press hard enough with the clippers to force the blade into its proper place.

The ears are breakable. Too much squeezing will cause an ear to fall off.

Excessive blade heat is usually a result of over tightened blade tension. The cutter blade should slide back and forth fairly easily. Do not over loosen blade tension, this will cause blade to jam and not cut. Never loosen the screw to relieve blade tension as this will disturb blade alignment and cause possible harm to the end user.

Poor Clipper Cutting

There are some factors that can prevent a well-sharpened clipper from cutting properly:

1. The cutting dogs have not been cleaned properly
2. Rusted or pitted blades, usually from improper storage.
3. Broken or missing teeth.
4. The clippers have been abused or sharpened improperly in the past.

Not all clipper blades are worth sharpening! Experience will help you determine which blades to sharpen. After degreasing the blades, the micron honing paper is often the best first step to take with animal clipper blades that are rusty and pitted.

CLIPPER SUPPLIES & ACCESSORIES

PREMIUM HONING COMPOUND

240 Grit

Order No. BHD3560108....\$12.50

280 Grit

Order No. BHD3560107....\$14.50

320 Grit

Order No. BHD3549002....\$14.20

400 Grit

Order No. BHD3549001....\$14.50



Foley-Belsaw Model 354 uses 400 Grit.

Models CS-101 and CS-10 use 240 Grit and 280 Grit.

One pound cans.

GRIT APPLICATOR PAD

Smoothly spreads grit on honing disc, putting an uniform honing powder charge on the honing plate.

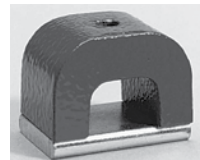
Order No. BHD3569107....\$11.60



MAGNET

Strong 13 lb. magnetic pull for lifting, holding, sorting, clamping, and retrieving steel or iron parts. Use the hole on top to attach to conveyors, racks and welding jigs. Use to hold clipper blades when sharpening on the CS101 and CS10.

Order No. BHD3569103....\$27.25



H-42 CLIPPER CLEANER

Special solution cleans honing plates. Also recommended as a blade wash after sharpening clippers. Safe to use with a pleasant scent.

16 oz. Bottle

Order No. BHD3560106....\$19.95

32 oz. Refill Bottle

Order No. BHD3569106....\$31.50



SPRAY ADHESIVE LARD OIL REFILL

Special formulation of H42 combined with lard oil makes the perfect abrasive adhesive for preparing an aluminum honing plate to receive honing compound. Use sparingly.

32 oz Refill Bottle (no sprayer)

Order No. BHB3561015....\$41.25



DEGREASER

Preps clipper blades before and after sharpening. Degreaser dissolves a broad range of petroleum products plus animal and organic oils. Degreaser is biodegradable, non-toxic, non-flammable, non-corrosive and has no irritating fumes. Simply mix 1 part to 5 parts water in your parts washer or other container. 1 gallon jug.

Order No. BHD3560105....\$41.85



CLIPPER SOCKET GAUGE



Measures and sets clipper socket for the proper open dimension. If the socket is too wide simply leave the gauge between the socket ears and use pliers to squeeze the ears flush with the gauge.

Order No. BHD3569104....\$11.80

WAHL HAIR CLIPPER OIL

Just a few drops of this oil help reduce blade friction and keep clippers running longer. Use for re-oiling after sharpening. A great product to sell to your customers to use after each hair cut. Comes in a handy 4 oz. plastic bottle with application spout.

Order No. BHD3549005....\$2.65



GRINDING COMPOUND - 180G

Superior quality for over 47 years. Medium grade for most auto work, lawn mower sharpening, etc. Fast grinding. Uniform results with no rings or grooves. Temperature stable with an extra-long shelf life. One pound can.

Order No. BHD5975271....\$29.95

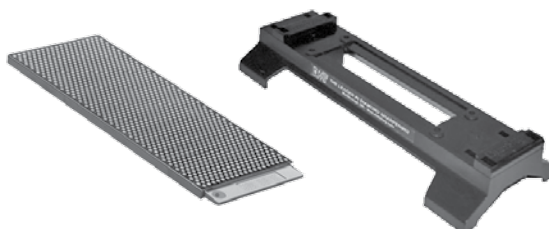


CERAMIC CLIPPER BLADE SHARPENER

For hand sharpening ceramic clipper blades and other blades. Duo Sharp Bench stone is engineered precision flat, with two interrupted diamond sharpening surfaces guaranteed to provide consistent, even sharpening every time. Includes a non-skid mat. Base sold separately. Overall dimensions: 10" x 4" x 0.375"

Order No. BHD3549006....\$145.85

BASE ONLY Order No. BHD3549008....\$24.25



327 SCISSORS AND SHEARS SHARPENERS

THE INDUSTRY LEADER IN SCISSORS SHARPENING

Free-floating arm with clamp allows you to accurately sharpen scissors, making them twice-as-sharp as new. Buy the model 327 in one of the custom packages below to meet your specific needs and save money or buy the accessories and extra wheels individually.



MODEL 327 COMPLETE PACKAGE

Recommended for sharpening all scissors, including high cost beauty shears. Includes a standard grinding wheel, buffing wheel, diamond wheel, and a honing wheel, plus hand hones. It also includes a scissors repair tools, including pliers, setting tool, and lubricant. See the table below for the full list of items in the kit.

Order No.
BHD3270914....\$803.60

MODEL 327 STANDARD PACKAGE

Everything you need to sharpen fabric, home, pinking, and some industrial shears. See the table below for contents of the kit.

Order No. BHD3270911....\$411.85

MODEL 327 PROFESSIONAL PACKAGE

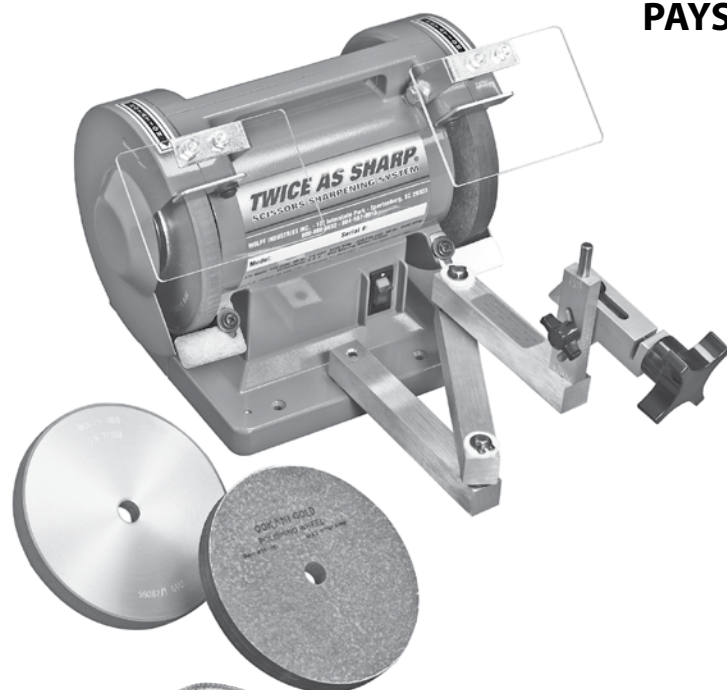
Perfect for sharpening pet grooming, high quality fabric, industrial and low priced barber and beauty shears. See the table below for the contents of the kit.

Order No. BHD3270912....\$432.45

Description	Model 327 Standard BHD3270911 \$411.85	Model 327 Professional BHD3270912 \$432.45	Model 327 Complete BHD3270914 \$803.60	Model 327 Ookami Gold BHD3270916 \$618.05
Model 327 Sharpener with 1/4 HP motor	●	●	●	●
Standard Shears Lock Clamp (3279025)	●	●	●	●
Adjustable Angle Upright (3279026)	●	●	●	●
Safety Glasses, Dust Mask	●	●	●	●
Angle Gauge (3702174)	●	●	●	●
Scissors Lube 1 oz. (3279029)	●	●	●	
Wheel Dressing Brick (3279054)	●	●	●	
Instruction Manual and Training DVD (3279035)	●	●	●	
Pink Diamonite Hone (3279031)	●	●	●	
Standard Scissors Wheel (100 grit) (3279002)	●	●	●	
Standard Nylon Buffing Wheel (3279005)	●			
Professional Honing Wheel (3700173)		●	●	
Diamond Honing Wheel (3279047)			●	●
Ookami Polishing Wheel (3279072)			●	●
Polishing Compound 1 Pound (3279076)			●	●
Fine Ceramic Hone (3279077)			●	●
Diamond Wheel Cleaning Stick (3572426)			●	●
Barber & Beauty Shears DVD Training (3279074)			●	●
Set of 3 Practice Shears			●	●
Honing Block Kit (3279090)			●	
Scissors Repair Parts Kit (3279081)			●	
Set adjusting Tool (3279079)			●	
Deluxe Screw Pliers Set (3702160)			●	

SCISSORS AND SHEARS SHARPENERS

OOKAMI GOLD SHARPENER



**AT \$15.00 PER SHEARS, THIS MACHINE
PAYS FOR ITSELF AFTER ONLY 36 SHEARS.**

Ideal setup for sharpening high cost barber
and beauty shears. The Ookami gives the
smoothest edge possible.

Order No. BHD3270916....\$618.05

**INCLUDES
OVER \$100 OF
ACCESSORIES
FREE!**



HIRA-TO SCISSORS SHARPENING SYSTEM

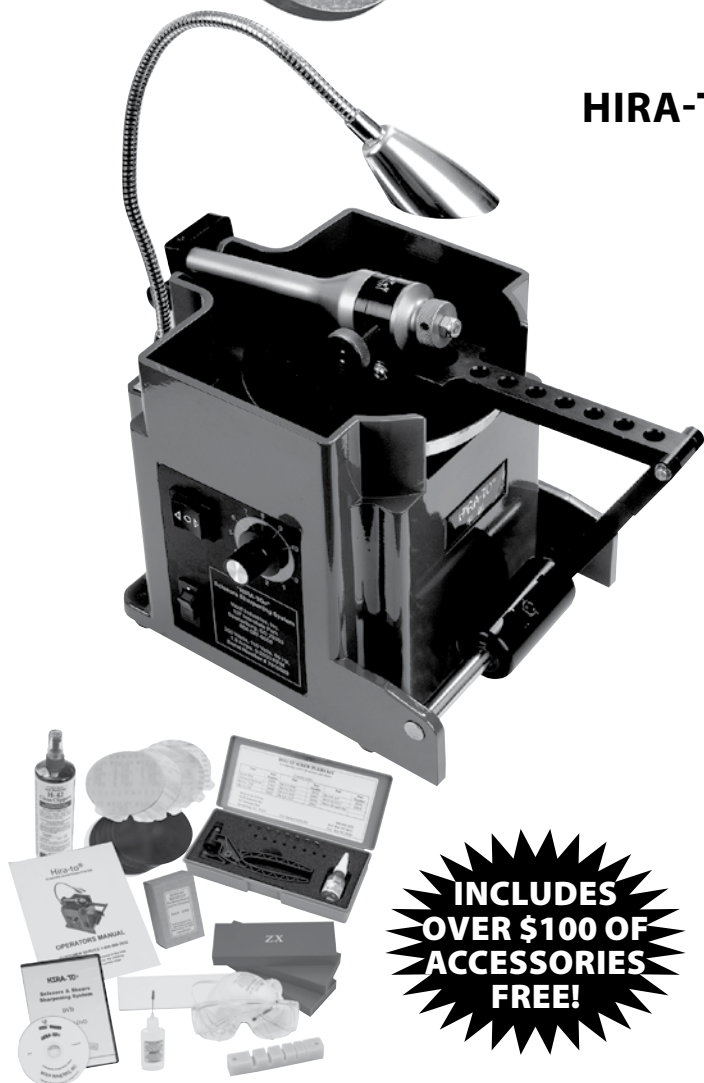
**The Best Sharpening System for Expensive
Beauty and Barber Shears**

Create a factory look and factory edge!

The Hira-To® is a single head flat hone with a
patented fixture and arm assembly. The fixture
sharpens both right hand and left hand shears
and allows you to set a precise angle making
sharpening a breeze. The sliding arm allows
the sharpener to convex the entire front
surface of the shear, even the back side of the
spine. The machine has variable speed, for-
ward and reverse controls, and a quick change
head. Includes a detailed training DVD.

Hira-To Sharpening System

Order No. BHD3279160....\$2,885.60



**INCLUDES
OVER \$100 OF
ACCESSORIES
FREE!**

**HIRA-TO SHARPENING SYSTEM
INCLUDES EVERYTHING YOU
NEED TO GET STARTED!**

online: www.Foley-Belsaw.com

fax: 715-426-2198

phone: 1-800-821-3452

Order Today!

327 ACCESSORIES

NEW! CARRYING CASE

Nylon carrying case fits the Model 327, Hira-To, and Ookami Gold machines and accessories. Features a customizable foam insert, storage pockets, tie down strap, handle and shoulder strap. 20" wide x 14" deep x 12" high.

Order No. BHD3279065....\$62.40



SCISSORS ANGLE GAUGE

Find the cutting angle on scissors quickly. Simply hold the gauge on the inside of the scissor blade, pull down the tab and read the angle.



Order No. BHD3702174....\$4.95

PAPER SHEAR ATTACHMENT

Great for sharpening items from 14" to 32" long. The curved blades on paper cutting tables are easily sharpened and polished. This will also give the stroke to sharpen some rotary lawn mower blades and hedge clippers.

Order No. BHD3279038\$103.50



DIAMOND SHARPENING WHEEL

Produces the highest quality edge on small scissors, carbide inserted medical scissors, and barber/beauty shears. Fine grit size and structure ensures smooth, sharp edges. Wheel Dimensions: 5" dia. x 1 1/2" thick, 800 grit. Standard on the Ookami Gold Machine (3279016) and the 327 Complete System (3279014).

Order No. BHD3279047....\$118.80



STANDARD SHARPENING WHEELS

Best results on stainless and carbon steel scissors, pinking shears, fabric shears. Supplied as standard equipment with the 327 Sharpening Systems (3270911 & 3270912). Very commonly used wheel. Wheel Dimensions: 5" x 1 1/2" x 1 1/2".

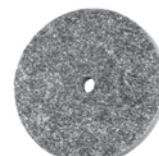
Order No. BHD3279002....\$15.75



STANDARD BUFFING WHEEL

Provides a light polish on fabric and home scissors and works great to polish burrs off sewing hooks. Supplied as standard equipment on the 327 Standard Scissor Sharpener (3270911). Wheel Dimensions: 5" x 1 1/2" x 1 1/2".

Order No. BHD3279005....\$59.55



PROFESSIONAL HONING WHEEL

Recommended for honing cutting edges on pet grooming, fabric, larger shears, and lower priced shears. Removes the dull edge and hones small shears in the same step. Outlasts 2 - 3 standard buffing wheels. Supplied as standard equipment with the 327 Professional (3270912 and 3270914) the 327 Complete System (3270914). Wheel Dimensions: 5" x 1 1/2" x 1 1/2".

Order No. BHD3700173....\$81.90



OOKAMI GOLD POLISHING WHEEL

A must for best results on high cost barber and beauty shears. Hones a mirror-like finish and must be used with the correct Polishing Compound (3279076). Standard equipment on the 327 Sharpening System (3270914) and the Ookami Gold machine (3279016). Wheel Dimensions: 5" x 1 1/2" x 1 1/2".

Order No. BHD3279072....\$87.15

1 lb. Polishing Compound

Order No. BHD3279076....\$15.85



HONING BLOCK KIT

Complete with 6 sheets of micron cloth in 2 abrasive sizes, plus 2 honing blocks. For working the inside of shears to re-create the Haura-Ichiban (line inside) and to re-hollow the Hizoka (hollow ground). Block kit removes inside damage, repairs rough ride, and gives scissors and shears a smooth silky feel.

Order No. BHD3279090....\$85.45

Honing Block only

Order No. BHD3279091....\$32.85

Ookami Gold Honing Paper

Order No. BHD3279092....\$7.60

Ookami Gold Finish Paper

Order No. BHD3279093....\$7.60

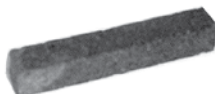


327 HONES & DRESSERS

WHEEL DRESSING BRICK

For rounding and truing grinding wheels and polishing wheels.

Order No. BHD3279054....\$5.85



FINE CERAMIC HONE

Fine white hone removes sharpening burrs without damaging the cutting edge. A must for removing nicks from high quality barber and beauty shears before sharpening.

Order No. BHD3279077....\$8.60



PINK DIAMONITE HONE

Removes damage on inside of scissor cutting edges. Easily removes nicks and burrs. Also used for dressing out-of-round wheels.

Order No. BHD3279031....\$8.95



DIAMOND WHEEL CLEANING STICK

Aluminum oxide cleaning stick removes the metal loaded in diamond wheels.

Order No. BHD3572426....\$4.10



328 ROTARY SEWING MACHINE BLADE SHARPENER

THE MODEL 328 ROTARY SEWING MACHINE BLADE SHARPENER

Add the Model 328RS Fixture to your existing Model 327 Sharpener or purchase an entire sharpening system. The Model 328 is also available with its own motor to save set up time if you are a busy sharpener. If you don't have any equipment but wish to sharpen scissors and rotary blades, there are equipment packs designed to meet your needs. The fixture sharpens rotary sewing machine blades from 1.75" diameter to 5" diameter, with arbors of 9.9 mm or 7.9 mm, and a maximum thickness of 1/2 inch.

MODEL 328 RS FIXTURE ONLY

Fits Model 327 and Twice as Sharp with Blue Motor
Includes 9.9mm and 7.9mm Blade Holders, Training Video, Manual, and Safety Glasses.

Order No. BHD3280901....\$809.70



MODEL 328 SHARPENING PACKAGE

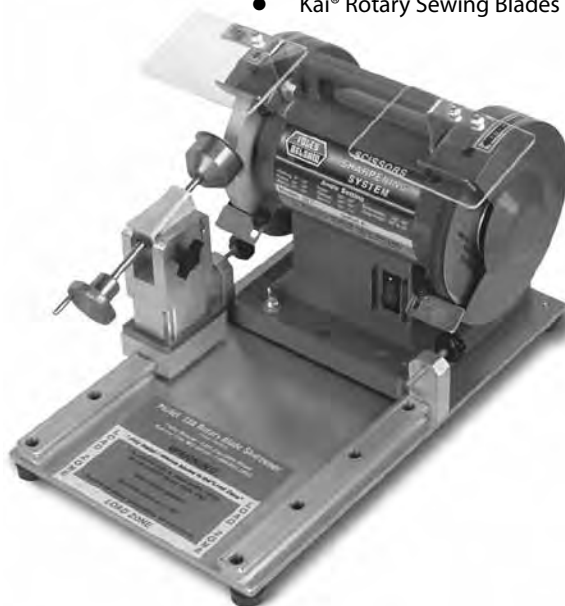
Includes fixture, 1/4 HP motor, 9.9mm and 7.9mm Blade Holders, Ookami Polishing Wheel and Professional Honing Wheel, Eye Shields, Dust Mask and Polishing Compound.

Order No. BHD3280911....\$1,107.20



SHARPENS ROTARY SEWING BLADES

- Olfa® Rotary Sewing Blades
- Dirtz® Rotary Sewing Blades
- Fiskar® Rotary Sewing Blades
- Kai® Rotary Sewing Blades



327 AND 328 CLAMPS & PARTS

STANDARD SHEARS LOCK CLAMP

Adjusts to various tapers of blades



Standard Clamp and Angle Upright

Order No. BHD3279050....\$70.65

Standard Clamp only

Order No. BHD3279025....\$41.10

SHEARS LOCK CLAMP WITH ERGONOMIC KNOB

Soft rubber knob is comfortable and requires less pressure to tighten. Ergonomic Shears Lock Clamp and Angle Upright.



Order No. BHD3279058....\$77.25

NARROW CLAMP

Great for small surgical, embroidery, and curved scissors.



Narrow Clamp and Angle Upright

Order No. BHD3279044....\$73.95

Narrow Clamp only

Order No. BHD3279043....\$41.50

NARROW CLAMP WITH ERGONOMIC KNOB

Ergonomic Narrow Clamp and Angle Upright



Order No. BHD3279059....\$77.25

ERGONOMIC KNOB

Converts your standard clamps! Soft rubber covered knob fits comfortably in your hand and requires less pressure to tighten.



Order No. BHD3279130....\$17.65

ANGLE UPRIGHT

Holds scissors clamps at any angle from 0° to 55°. Supplied with one knob and two spacers.



Order No. BHD3279026....\$36.95

WIDE CLAMP

Holds chisels, osteotomes & other similar tools up to 1/2" thick & 1" wide. Great for lawn mower blades, paper cutter blades, and large shears (10" to 12").



Wide Clamp and Angle Upright

Order No. BHD3279039....\$73.90

Wide Clamp only

Order No. BHD3279034....\$43.95

WIDE CLAMP WITH ERGONOMIC KNOB

Ergonomic Wide Clamp and Angle Upright



Order No. BHD3279057....\$80.50

328 CUSTOM BLADE HOLDERS

For the 328 Rotary Sewing Machine Blade Sharpener Fixture. For blades that meet the following blade specifications: Outside Diameter-Max. 4", Min. 1.75"; Inside Diameter-Max. 1.25", Min. .310"; Thickness Max. 0.5".

Order No. BHD3289004....\$150.95

OOKAMI GOLD® CONVEXING CLAMP

Used on Japanese style convex edge beauty shears.



Order No. BHD3279164....\$253.30

REPLACEMENT CLAMP JAWS

Standard Replacement Upper Jaw

Order No. BHD3279023....\$26.25

Standard Replacement Lower Jaw

Order No. BHD3279022....\$21.30

Wide Replacement Upper Jaw

Order No. BHD3279051....\$29.50

Wide Replacement Lower Jaw

Order No. BHD3279052....\$22.95

Narrow Replacement Upper Jaw

Order No. BHD3279060....\$29.50

Narrow Replacement Lower Jaw

Order No. BHD3279061....\$22.95

SCISSORS REPAIR PARTS & TOOLS

SPECIAL SCREW PLIERS

Turn the screw without damaging the slotted screw head. Normal screwdrivers are hard on scissors, slipping out of the slot and scratching the scissors and damaging the screw head. Our screw pliers just take a squeeze of your hand to hold the bit (choice of 8 sizes) squarely in the screw head.

Description	Order No.	Price
Deluxe Screw Pliers Kit (shown)	BHD3702160	\$54.45
Standard Kit pliers with 9/64" & 7/32" bits	BHD3702161	\$42.70
Replacement 8 Piece Bit Set	BHD3279055	\$15.40
Loc Compound (10ML)	BHD3279041	\$7.65
Replacement Slotted Bit 0-1	BHD3702162	\$2.90
Replacement Slotted Bit 1-2 (1/8")	BHD3702163	\$2.90
Replacement Slotted Bit 2-3 (9/64")	BHD3702164	\$2.90
Replacement Slotted Bit 3-4 (5/32")	BHD3702165	\$2.90
Replacement Slotted Bit 4-5 (3/16")	BHD3702166	\$1.75
Replacement Slotted Bit 5-6 (7/32")	BHD3702167	\$1.75
Replacement Slotted Bit 6-8 (1/4")	BHD3702168	\$1.75
Replacement Slotted Bit 8-10 (9/32")	BHD3702169	\$1.75
Replacement Ratchet for Pliers	BHD3702170	\$7.90
Replacement Anvil for Pliers	BHD3702171	\$3.25



Replacement Ratchet for Pliers

SCISSORS HANDLE BENDER

Straightens tips that don't meet on small metal handled scissors. Handle Bender will get the tips to match properly. Designed for barber/beauty shears.
Order No. BHD3279127....\$73.80



DRILL BITS FOR SCISSORS

Ream and drill holes for bumpers and silencers. Choose from the two most common sizes:

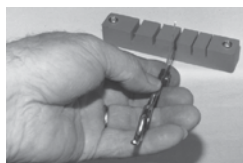
2.2 mm Drill Bit
Order No. BHD3279111....\$2.95

2.45 mm Drill Bit
Order No. BHD3279112....\$2.95



SET ADJUSTING TOOL

Perfect tool for adjusting the set (curve or spring) of smaller scissor blades.
Order No. BHD3279079....\$27.95



SCISSORS LUBRICANT

A couple of drops provides a dramatically improved feel to even the most stubborn shears. 1 oz. with spout
Order No. BHD3279029....\$5.55

16 oz. Bottle
Order No. BHD3279040....\$21.70



PRACTICE AND GROOMING SHEARS

WOLFF GROOMING SHEARS MODEL 112

8-1/2" Filipino Style with Straight Blades and Stainless Steel Handles. 3-7/8" Cut Length.
Order No. BHD3279143....\$53.95



WOLFF GROOMING SHEARS MODEL 113

8-3/4" Filipino Style with Curved Blades and Stainless Steel Handles. 3-3/4" Cut Length.
Order No. BHD3279144....\$53.95



THINNING SHEARS MODEL 118

7-1/4" 45 tooth thinner with Straight Blades and Zinc die-cast Handles. 2-1/2" Cut Length.
Order No. BHD3279145....\$34.20



WOLFF ECONOMY PRACTICE SHEARS

5-1/2" Straight Style with Stainless Steel Handles.
Order No. BHD3279146....\$18.50



ORDERING INFORMATION

Tips on Placing Orders

- ☐ Write your order on the standard order form, including the **Order Number** and **Quantity** of each item.
- ☐ Have your **Customer, VIP, & Catalog** Numbers ready. These numbers are by your name and address on the mailing label.
- ☐ Call the toll-free order number **1-800-821-3452** from **8:00 AM to 4:30 PM CT Monday thru Friday** or order via the internet at www.foley-belsaw.com
- ☐ **Actual Shipping Charges** apply for **Heavy and Bulky Items**. The Customer Service Rep will add this to your total at the end of your order or the computer will automatically generate this charge if ordering via the internet.
- ☐ **If Ordering By Mail**, ask for a quote to determine the correct total with the **Actual Shipping Charges** before sending in your paid order. This will prevent any delays in processing your order. Also include a day time telephone number or an email address.
- ☐ For **Technical & Customer Service** questions, please call 1-800-821-3452 from **8:00 AM to 4:30 PM CST Monday thru Friday** or **Fax 1-715-426-2198** or email us at info@foley-belsaw.com.

Methods of Payment

- ☐ **Full payment** by check or money order made payable to **Foley Belsaw**.
- ☐ **Credit or Debit Card**: Visa, Master Card, and Discover Card

Rush Delivery

- ☐ **Most** orders are shipped UPS or Priority Mail. We allow 10 Business days for delivery before reshipping.
- ☐ **UPS Next Day Delivery** is the fastest method of shipping we offer. Orders received with approved credit payment before 12:00 (noon) Central Time will be shipped out the same day. We will charge the exact shipping costs based on the weight of the package.
- ☐ **UPS Second Day Delivery** is the next fastest method of shipping we offer. Orders received with approved credit payment before 12:00 (noon) Central Time will be shipped out the same day. We will charge the exact shipping costs based on the weight of the package. Call for a price quote.

State Sales Tax


Foley-Belsaw is required by law to collect sales taxes for the following states at the listed rates. Please include the appropriate sales tax if applicable.

- ☐ **Minnesota** 6.875 %
- ☐ **Wisconsin** 5.5 %

Actual Shipping Charges

- ☐ Orders over \$300.00 and orders with heavy items will be charged actual UPS shipping charges. ***This may appear as a separate charge on your credit card statement.***

General Sales Policies

- ☐ **Order Processing**: Our goal is to supply you with quality equipment and supplies at everyday low prices with the quickest service possible. Items are only billed at the time of shipment and the prices are subject to change without notice.
- ☐ **Shipping**: Shipments within the United States will be made via UPS whenever possible. The standard shipping charges on the order form apply to most items under 20 pounds. Items marked Freight will be shipped by truck line. We will give you an estimate of charges before time of delivery. For other Heavy Items,  actual UPS charges will be added to your invoice before shipping. This Shipping Charge may show up as a second charge on your statement. Shipments outside of the contiguous, continental U.S. will be charged actual shipping costs. Buyer is responsible for taxes and duties.
- ☐ **Back Orders**: All Back Orders are recorded at the time of invoice and shipped automatically when merchandise becomes available. We reserve the right to cancel Back Orders under \$25.00 in value. We will notify you if this happens.
- ☐ **Bad Checks**: Any returned NSF check will incur a \$25.00 service charge and be turned over to the proper authorities.
- ☐ **Returns Policy**: Foley-Belsaw Offers a Customer Satisfaction Guarantee on all of our products within 10 business days, except printed materials and opened CDs, and DVDs. Defective CDs, and DVDs may be exchanged for the same item. **All Returns must be pre-approved by our Customer Service Office and assigned an RGA number.** Returned items must be shipped prepaid freight by the customer and may be subject to a 15% restocking charge unless an item is damaged, defective, or shipped erroneously.
- ☐ **Foley Belsaw Guarantee**: If you are not completely satisfied with your purchase from our company, return it (freight prepaid) in the original packaging in new and saleable condition within 10 business days with your original invoice by calling us at 1-800-821-3452 for authorization and we will gladly replace the product, credit your account, or refund your money, less the shipping and handling, in the original method of payment.
- ☐ **Product Warranties**: Foley Belsaw grinders have a one year warranty against defects. All other products are subject to the manufacturer's warranties.

ORDER FORM

Mail This Order To: Foley-Belsaw Company
PO Box 401
River Falls, WI 54022-0401

E-Mail Address: _____

Customer No. _____ Please Print
Please fill in your VIP Number from Back Cover

Shipping Address (If Different From Your Mailing Address).

Shop Name or Your Name _____

Shop Name or Your Name _____

Address _____
If using a PO Box, please include a street address as a shipping address for orders over \$50.00.

Address _____

City _____ State _____ Zip _____ + _____

City _____

Telephone _____

State _____ Zip _____ + _____

☐ CHECK THIS BOX IF YOUR MAILING ADDRESS HAS CHANGED, PLEASE INDICATE YOUR NEW ADDRESS ABOVE.

QUANTITY	ORDER NUMBER	DESCRIPTION	PRICE EACH	TOTAL

Please use the section below to indicate your payment method

☐ 1. Full Payment With Order — Send Check or Money Order For Total Price.

☐ 2. Bank Card — We accept Discover Card, MasterCard and Visa. Please fill in information below.

PLEASE CHARGE TO:

Month/Year

☐ Discover Card ☐ MasterCard ☐ Visa Exp. Date ____/____

Card Account # _____

Signature X _____

CVS # ____ (the last three digits after your signature on back of card)

SHIPPING & HANDLING CHARGES	
Order Total	Shipping Amount
\$.01 TO \$25.00	\$7.95
\$25.01 TO \$50.00	\$8.95
\$50.01 TO \$100.00	\$10.95**
\$100.01 TO \$200.00	\$13.95**
\$200.01 TO \$300.00	\$15.95**
OVER \$300.00	Call for Quote



*Items marked with this symbol and other large, heavy orders will automatically be charged the actual shipping amount to deliver the package to you.

Subtotal	\$
ADD SALES TAX Wisconsin: 5.5% Minnesota: 6.875%	\$
Shipping & Handling Charges (use chart at left): Call for quotes on heavy items.	\$
Guaranteed Delivery Provides immediate replacement of lost or damaged shipments	\$ 0.75
*Next Day UPS Delivery (Call for quote.)	\$
*2nd Day UPS Delivery (Call for quote.)	\$
ORDER TOTAL	\$

All Orders shipped outside of the contiguous U.S.A. will be charged actual shipping costs.
**All Orders over \$50.00 require a street address for UPS delivery, except Alaska and Hawaii.

ORDER FORM

Mail This Order To: Foley-Belsaw Company
PO Box 401
River Falls, WI 54022-0401

E-Mail Address: _____

Customer No. _____ Please Print
Please fill in your VIP Number from Back Cover

Shipping Address (If Different From Your Mailing Address).

Shop Name or Your Name _____

Shop Name or Your Name _____

Address _____
If using a PO Box, please include a street address as a shipping address for orders over \$50.00.

Address _____

City _____ State _____ Zip _____ + _____

City _____

Telephone _____

State _____ Zip _____ + _____

☐ CHECK THIS BOX IF YOUR MAILING ADDRESS HAS CHANGED, PLEASE INDICATE YOUR NEW ADDRESS ABOVE.

QUANTITY	ORDER NUMBER	DESCRIPTION	PRICE EACH	TOTAL

Please use the section below to indicate your payment method

☐ 1. Full Payment With Order — Send Check or Money Order For Total Price.

☐ 2. Bank Card — We accept Discover Card, MasterCard and Visa. Please fill in information below.

PLEASE CHARGE TO:

Month/Year

☐ Discover Card ☐ MasterCard ☐ Visa Exp. Date ____/____

Card Account # _____

Signature X _____

CVS # ____ (the last three digits after your signature on back of card)

SHIPPING & HANDLING CHARGES	
Order Total	Shipping Amount
\$.01 TO \$25.00	\$7.95
\$25.01 TO \$50.00	\$8.95
\$50.01 TO \$100.00	\$10.95**
\$100.01 TO \$200.00	\$13.95**
\$200.01 TO \$300.00	\$15.95**
OVER \$300.00	Call for Quote



*Items marked with this symbol and other large, heavy orders will automatically be charged the actual shipping amount to deliver the package to you.

All Orders shipped outside of the contiguous U.S.A. will be charged actual shipping costs.
**All Orders over \$50.00 require a street address for UPS delivery, except Alaska and Hawaii.

Subtotal	\$
ADD SALES TAX Wisconsin: 5.5% Minnesota: 6.875%	\$
Shipping & Handling Charges (use chart at left): Call for quotes on heavy items.	\$
Guaranteed Delivery Provides immediate replacement of lost or damaged shipments	\$ 0.75
*Next Day UPS Delivery (Call for quote.)	\$
*2nd Day UPS Delivery (Call for quote.)	\$
ORDER TOTAL	\$

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Woodworking tools.....	3

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Vises.....18



All prices in this catalog are subject to change without notice.

SHARPENERS' WORKSHOPS AND SUPPLY FAIR

May 17-18, 2013

Radisson Hotel, Roseville, MN

Call for Registration Form or Visit web site.

**IF YOU DON'T GO, YOU WON'T KNOW.
WHAT'S HOT, WHAT'S NOT?**

Hear from Saw & Tool / Clipper Blades & Repair / Beauty Shear Experts!

Event hours: 9-5pm Friday, 9-Noon Saturday

Early Bird Registration by March 1, 2013

Only \$55 per sharpener, \$45 per Guest

After March 1-April 1, \$75. Walk-ins, \$85 to Register.

For group rates, Mention "Sharpeners Report"

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SHARPENERS REPORT NEWSLETTER 2012 NATIONAL PRICE SURVEY RESULTS

SAWS	2011 NAT'L AVG. PRICE	DATA MODE PRICE REPORTED MOST OFTEN
SAW CHAINS CARB./in.	.45	.25
COMPASS/ KEYHOLE SAWS 13-24 pts.	6.90	5.00
1-2 man cross-cut /per ft.	4.25	5.00
MITERS/BACK SAWS	9.97	8.00
HANDSAWS 8-12 pts.	9.10	8.00
RETOOTH	4.90	4.00
HOLE SAWS 1 INCH	4.10	4.00
BANDSAW BLADES, < .5"	6.80	--
SAW CHAINS, each (under 16")	5.33	5.00

CARBIDE TIPPED SAWS PER 20-TOOTH:	2011 NAT'L AVG. PRICE	DATA MODE PRICE REPORTED MOST OFTEN
FLAT	.28	.30
TRIP/CHIP	.48	.35
ATB	.32	.30
COMBO	.55	.35
CIRCULAR SAWS / PER DIAM. (RIP&CHISEL TOOTH)	.77	.75
FINE TOOTH, per inch	2.00	1.00
PLANER/COMBO, per inch	1.05	.40
HSS /METAL CUT. SAW	3.60	1.50

TOOL	2011 NAT'L AVG. PRICE	DATA MODE PRICE REPORTED MOST OFTEN
ROUTER BITS HSS 1/4"	4.00	4.00
ROUTER BITS CARB 1/4" 1-wing	5.25	6.00
CHISELS	3.22	3.00
CARBIDE INSERTS	5.10	5.00
HAND PLANER	3.75	3.00
LATHE TURNER	4.00	3.00
DRILLS - HSS	2.32	1.50
DRILLS - CARBIDE	4.25	3.00
DRILLS - MASONRY	3.95	4.00

*All Data based on 2011 Survey
of Newsletter Subscribers.*

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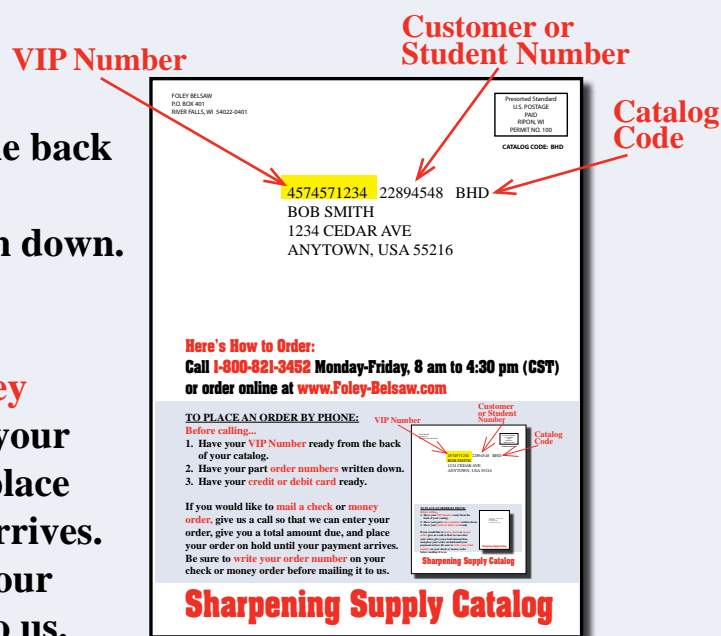
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Sharpening Supply Catalog