

Regis Royal Cut Products



Serving Engine Builders since 1959



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www.regismanufacturing.com

2015-2016

VALVE SEAT WHEELS

For Sioux, Kwik-Way and Black & Decker seat grinders. Magnum wheels only available from Regis. See Pages 44 - 46



CLEANING BRUSHES

Regis quality cleaning brushes for cylinder head and block work. See Pages 4 - 7

ENGINE PAINTS

Restores a new finish! Ideal for use on newly cleaned cylinder heads, engine blocks, etc. See Page 106

NEW-CAST	CAST IRON GRAY
RG-1655	ALUMINUM GRAY
OEM COLORS	
RG-41	CHROME ALUMINUM
RG-42	UNIVERSAL BLACK
RG-73	CUMMINS BEIGE



A Tradition of Automotive Precision Since 1920

KWIK-WAY BORING BAR CENTERING FINGERS



FN - MANUAL BAR	OD - 5/16" - 7.94mm	
062-0361-33	2.656" - 3.126" (67.5 - 79.4mm)	1.203" (30.6mm)
062-0362-30	3.096" - 3.566" (78.6 - 90.6mm)	1.423" (36.1mm)
062-0363-38	3.536" - 4.006" (89.8 - 101.76mm)	1.643" (41.7mm)
062-0364-35	3.976" - 4.446" (101 - 112.8mm)	1.863" (47.3)
062-0365-24	4.416" - 4.886" (112.2 - 124.1mm)	2.083" (53mm)
062-0366-30	4.856" - 5.326" (123.4 - 135.3mm)	2.303" (58mm)

FN - AIR BAR		See Page 79
051-0405-11	2.560" - 3.160" (65 - 80.3mm)	.937" (23.8mm)
051-0405-38	3.000" - 3.600" (76.2 - 91.5mm)	1.157" (29.4mm)
051-0405-54	3.440" - 4.040" (87.4 - 102.6mm)	1.377" (35mm)
051-0405-70	3.880" - 4.480" (98.56 - 113.8mm)	1.597" (40.6mm)
051-0405-97	4.321" - 4.920" (109.8 - 125mm)	1.817" (46.1mm)
051-0406-27	4.761" - 5.360" (120.9 - 136.1mm)	2.037" (51.7mm)



NEW

SOLID CARBIDE VALVE GUIDE REAMERS

Engineered for use on bronze guides.
See Page 29



NEW

REGIS VACUUM TESTER KIT

Check your entire valve train, valve seats, stems, and guides quickly and accurately.
See Page 21



NEW

VALVE SPRING PRESSURE TESTER

This spring tester is specifically designed for rapid testing and is well equipped to handle a variety of valve and clutch springs.
See Page 61



NEW

PRECISION OUTSIDE MICROMETER SET

0 - 6" RANGE. Solid metal frame, ratchet stop, carbide-tipped faces. See Page 16



NEW

MULTI-PURPOSE FILTER

Fits many solution filtration systems for hot tank and jet washers. See Page 11

NEW



TAPERED CARBIDE PILOTS

.385 Top Size for Sioux
See Page 51



OUR PHILOSOPHY...

**TREAT PEOPLE THE WAY
YOU WANT TO BE TREATED
AND DO WHAT YOU SAY
YOU'RE GOING TO DO.**

As our business continues into its 56th year of service to our valued customers, we want to thank each of you for continuing to believe in Regis. Since our humble beginnings in 1959, we have tried to offer you quality products and service at reasonable prices. Our past success as well as our future is due in large part to you, our customers. As our philosophy has been stated throughout the years, we believe in treating our customers with respect.

Since acquiring the company in 2009, I have had the opportunity to meet many of you at our office and recent trade shows. We are continually researching new products that are needed for the future of our industry. Regis continues to work hard to bring those products to you -- our valued customer.

Please continue to let us know how we can better serve you as we continue to grow our business for the next generation. On behalf of the entire Regis team, thank you for the continued trust and support you place in us to be your provider of shop supplies! Again, don't forget to check out our website: www.regismanufacturing.com

*Larry J. Morden, President
Regis Manufacturing*

**555 Cubic Inch 900 HP Drag Boat
Driven By: Larry Morden**

REGIS SPONSORED



HOW TO ORDER

Call us anytime between 8:00 a.m. and 4:30 p.m. central time to place your order, be it large or small.

Se habla Español!

Call toll-free

800-527-7604

Fax orders toll-free

800-535-8414

Local Dallas phone

214-421-5171

Local Dallas fax

214-565-1704

Mail to: P.O. Box 152900 Dallas, TX 75315-2900

Ship to: 1500 Corinth Street Dallas, TX 75215

CREDIT CARDS ACCEPTED



DISTRIBUTION CENTERS

Regis maintains a number of national and international distribution centers to serve you better.

- **REGIS NORTH**
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- **REGIS SOUTHEAST**
Bryant Sales, Douglasville, GA
tel. 404-625-3450
Bob Chapman Supply, Charlotte, NC
tel. 980-721-1865
- **REGIS NORTHEAST**
Mansfield Shop Equipment, Carlisle, PA
tel. 800-776-1470
- **REGIS CANADA WEST**
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fax 604-945-3418
- **REGIS CANADA EAST**
C&C Valves Inc., Hanover, Ontario Canada
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POLICIES

PRICING

Regis pricing as noted in this catalog, web-pages and price sheets are subject to change without prior notice. All orders placed will be billed at the prices in effect at the time the order is shipped from our warehouse. **NOTE:** We do not have a minimum order requirement.

TERMS

Our terms for open accounts are 1% if paid within 10 days from date of invoice or net 30 days from date of invoice. **NOTE:** This does not apply to statements or credit card orders but invoices only. Invoices not paid in full within 30 days from the statement date will be subject to a 1.5% charge per month.

RETURNS

If you are unhappy with a Regis product, simply include a note or invoice copy detailing the reason for the return. Returns, except on special orders, may be made freight prepaid within 60 days of invoice date. We will correct the problem immediately with another part or product or credit your account.

NOTE: Merchandise that has been modified or abused and/or damaged by improper use will not be accepted. Credit will only be issued after it has been determined that the product is resellable or deemed defective. All items returned by USPS must be mailed to our P.O. Box 152900; shipments returned by UPS must be addressed to 1500 Corinth.

FREIGHT TERMS

For all shipments within the USA, we will allow full freight on invoices totaling \$1,250.00 net or more if paid within terms. Air freight, shipments to Alaska and Hawaii, and credit card purchases are excluded. **NOTE:** Tumbling media, glass bead, steel shot and coolants do not qualify for freight allowance.

SHIPPING

We normally ship UPS, but we will utilize any other method you request – USPS, DHL, or truck. UPS next day, second day and three day select are also available on your request. Our shipping department will make every effort to ensure that your order is shipped the same day it is received.

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CLEANING

ADA & DA SERIES



TS SERIES



DH SERIES



WIRE WHEEL BRUSHES

Top-quality wire wheel brushes are shipped with standard arbor unless arbor size is designated otherwise. Maximum safe free speed RPM is listed for each wire wheel brush.

Part No.	Dia.	Face Width	Wire Size	Arbor	RPM
ADA & DA SERIES — medium-duty, medium face					
ADA-6	6"	1 ³ / ₁₆ "	.014	1/2" & 5/8"	6,000
ADA-8	8"	1"	.014	1/2" & 5/8"	4,500
DA-10	10"	1 1/4"	.014	3/4"	3,600

Part No.	Dia.	Face Width	Wire Size	Arbor	RPM
DH SERIES — heavy-duty, wide face					
DH-6	6"	1 1/2"	.014	1/2" & 5/8"	6,000
DH-7	7"	1 1/2"	.014	1/2" & 5/8"	6,000
DH-8	8"	1 3/4"	.014	1/2" & 5/8"	4,500
DH-10	10"	2"	.014	3/4"	3,600
TS SERIES — standard twist wire brush					
TS-4	4"	1/2"	.016	1/2" & 5/8"	20,000
TS-6	6"	1/2"	.016	1/2" & 5/8"	9,000
TS-8	8"	5/8"	.016	1/2" & 5/8"	6,000

WIRE END BRUSHES

Maximum safe free speed RPM is listed for each wire end brush in the chart below.

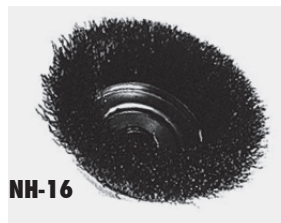
Part No.	Dia.	Trim Length	Wire Size	RPM
SOLID END TYPE				
NS-4	1/2"	7/8"	.020	20,000
NS-6	3/4"	7/8"	.020	20,000
NS-10	1"	7/8"	.020	20,000
NS-6LNS	3/4"	7/8"	.010	20,000
NS-10LNS	1"	7/8"	.010	20,000
KNOT TYPE HOLLOW END				
NH-8	3/4"	7/8"	.020	20,000
NH-12	1 1/8"	7/8"	.020	20,000
HOLLOW END CRIMPED CUT				
NH-16	1 3/4"	7/8"	.0118	4,500
NH-26	2 3/4"	7/8"	.0118	4,500



NS-4



NH-8



NH-16



WIRE CUP BRUSHES

Knot-type, standard twist wire. 5/8"-1 1/8" arbor holes, except for US-3M (M10 x 1.25).

Part No.	Dia.	Trim Length	Wire Size	RPM
US-3M	2 3/4"	3/4"	.0018	12,500
US-3	2 3/4"	3/4"	.0018	12,500
US-4	4"	1"	.0018	8,500
US-5	5"	1 1/4"	.014	7,000



CUP & END BRUSHES FOR ALUMINUM

.006 WIRE SIZE. Excellent for working on aluminum. All brushes feature 1/4" diameter shanks. Maximum safe free speed RPM is listed for each brush.

Part No.	Dia.	Trim Length	Wire Size	Wire RPM
SOLID END TYPE				
NS-46	1/2"	7/8"	.006	20,000
NS-66	3/4"	7/8"	.006	20,000
NS-106	1"	7/8"	.006	20,000
CUP TYPE				
NH-166	1 3/4"	3/4"	.006	4,500



CYLINDER WASHING BRUSHES

Nylon fill brushes for efficient cleaning of cylinder walls after honing. Use with detergent in warm or hot water.

Part No.	Dia.	Overall Length
CWB-350	3 1/2"	18"
CWB-400	4"	18"
CWB-450	4 1/2"	18"
CWB-500	5"	18"
CWB-550	5 1/2"	18"

HAND BRUSHES

For general cleaning tasks such as removing paint, rust scale and dirt. Also can be used for cleaning metal parts, threads, files, etc.

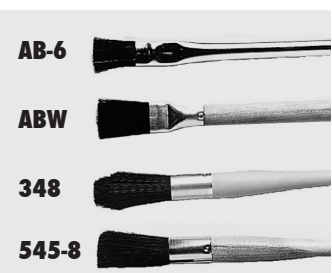
Part No.	Description
HPB	Curved plastic handle Stainless steel / 3 x 7 rows 1 3/8" brush. 1/2" trim length. 2 7/8" OAL.
HS-46	Shoe handle (wooden) Wire fill / 4 x 16 rows 5 1/2" brush. 1 1/8" trim length. 10" OAL.
HB-49	Bent handle (wooden) Wire fill / 4 x 19 rows 6" brush. 1 1/8" trim length. 13 1/4" OAL.



PARTS CLEANING BRUSHES

Designed for use with all petroleum based solvents. Heavy-duty plastic handle is virtually indestructible! The filaments are genuine Hy-Flex® nylon and guaranteed to never mushroom. Non-slip grip features a convenient thumb rest.

Parts Cleaning Brush - **Part No. 409**
Brush with 24" tube - **Part No. M-409**



For general cleaning tasks such as removing paint, rust scale and dirt. Also can be used for cleaning metal parts, threads, files, etc.

Part No.	Description	Fill Material	Handle	Trim Length	OAL
AB-6	Acid Brush	Horse hair	Tin	3/4"	5 3/4"
ABW	Acid Brush	Horse hair	Wood	1 1/8"	7"
348	Parts Cleaning Brush	Nylon	Plastic	1 3/4"	11"
545-8	Parts Cleaning Brush	Bristle	Wood	1 1/2"	10 1/2"
409	Parts Cleaning Brush	Nylon	Plastic		
M-409	Multi-Jet Parts Washer Brush with 24" tube. Fits 1/4" to 3/8" parts washer nozzles.				

CLEANING BRUSHES

Regis stocks a variety of cleaning brushes for many different applications, as shown in our chart below. If you have any questions about any of our brushes, please call us toll-free **1-800-527-7604**.



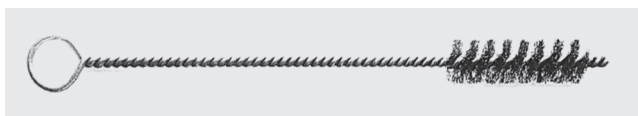
CARBON REMOVAL BRUSHES

Part No.	Dia.	OAL	Shank	Wire Size	Brush
CSB-375	3/8"	6 1/4"	1/4"	.014	4" long *
CSB-500	1/2"	6 1/4"	1/4"	.014	4" long *
DEB-5	1/2"	4 1/4"	1/4"	.020	2 1/2" **

* Maximum safe speed for this brush is 600 RPM.

** Maximum safe speed for this brush is 850 RPM.

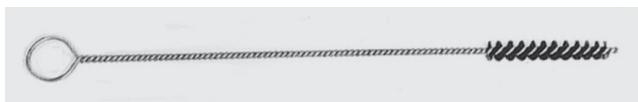
WARNING - Do not run carbon removal (coil spring) brushes free of work. Insert them into workpiece to be brushed before turning on power. Always wear safety goggles and proper safety clothing.



NYLON OIL GALLERY BRUSHES

Nylon brushes with a loop handle for cleaning all types of passage ways.

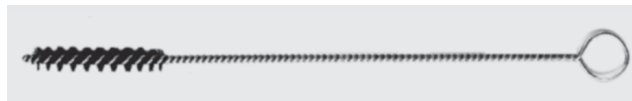
Part No.	Dia.	OAL	Brush Length	
OL-1	1/4"	10"	2"	
OL-2	5/16"	12"	2 1/2"	
OL-2A	5/16"	12"	2 1/2"	Flexible stem
OL-3	3/8"	12"	2 1/2"	
OG-38	3/8"	34"	3"	
OG-42	1/2"	34"	2 1/2"	
OG-5	5/8"	34"	3"	
OG-7	3/4"	34"	3"	



BOTTOM END BRUSHES FOR CLOSED HOLES

Stainless steel wire tube brushes with a loop handle for cleaning deep recesses such as intake or exhaust manifolds where other brushes won't reach.

Part No.	Dia.	OAL	Wire Size
S-625	5/8"	10"	.008
S-750	3/4"	10"	.008
S-875	7/8"	12"	.010
S-1000	1"	12"	.010



NYLON VALVE GUIDE BRUSHES

#6-12 nylon bristle with loop handle for easier manual use. Order as a set or individually.

Part No.	Dia.	OAL	Brush Length
OL-1	1/4"	10"	2"
OL-2	5/16"	12"	2 1/2"
OL-3	3/8"	12"	2 1/2"
RVG-47N	11/32"	12"	2 1/2"
RVG-48N	13/32"	12"	2 1/2"
RVG-49N	7/16"	12"	2 1/2"
RVG-44N	1/2"	12"	2 1/2"

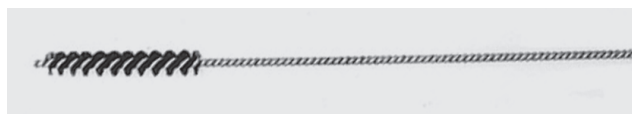
RVGN Valve Guide Brush Set (one of each brush above)



POWER VALVE GUIDE BRUSHES

Can be used with a drill motor. Available in steel or nylon bristles. Order as a set or individually.

Steel	Nylon	Dia.	OAL	Shank
RVG-1	RVG-1Y	5/16"	9 1/2"	1/4"
RVG-2	RVG-2Y	11/32"	9 1/2"	1/4"
RVG-3	RVG-3Y	3/8"	9 1/2"	1/4"
RVG-5	RVG-5Y	7/16"	9 1/2"	1/4"
RVG-6	RVG-6Y	1/2"	9 1/2"	1/4"
RVG-7	RVG-7Y	5/8"	9 1/2"	1/4"
RVG-8	-----	3/4"	9 1/2"	1/4"



CARBON STEEL BRUSHES FOR HARD SPOT CLEANING

Part No.	Size	OAL	Description
OG-16	5/8" x 3"	30"	Oil Gallery Brush
OG-45	1/2" x 2 1/2"	34"	Oil Gallery Brush
OL-11C	1/4" x 2"	10"	Oil Line Brush
OL-14C	3/8" x 2 1/2"	12"	Oil Line Brush

DIESEL BRUSHES



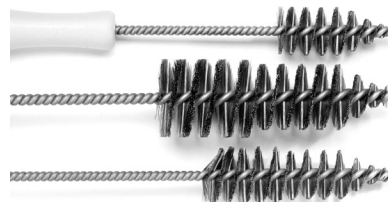
FOR CATERPILLAR

Part No.	Description
CAT-1	10 ³ / ₄ " Long - 7/ ₈ " for direct injection nozzles.
CAT-2	11" Long - 9/ ₁₆ " for cleaning pre-combustion chambers of: 1693, 333, 342, 346, 348, 353



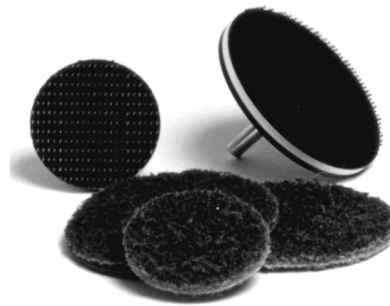
FOR CUMMINS

NH-1	14 ¹ / ₂ " Long - Stainless steel wire, plastic handle, to be used when changing injector while in truck.
NH-2	10 ¹ / ₂ " Long - Stainless steel wire cleans or polishes entire copper.
NH-3NS	8 ¹ / ₂ " Long - Carbon steel to be used as a seat brush.
NH-30S	10 ¹ / ₂ " Long - To insure perfect seating of newly installed coppers.



FOR DETROIT

DD-1-49	11" Long - Stainless steel wire with plastic handle, to be used when changing injector while in truck.
DD-1-53	10 ³ / ₄ " Long - Stainless steel wire with plastic handle, to be used when changing injector while in truck.
DD-2-149	10 ¹ / ₂ " Long - Stainless steel wire cleans or polishes entire copper; best used as a bench tool.
DD-2-53	10 ¹ / ₂ " Long - Stainless steel wire cleans or polishes entire copper; best used as a bench tool.
DD-3NS	10" Long - Carbon steel, to be used as a seat brush.
DD-3-149	10 ³ / ₄ " Long - Use to insure perfect seating of newly installed coppers.
DD-3-53	10 ³ / ₄ " Long - Use to insure perfect seating of newly installed coppers.



- **POSI-GRIP, VELCRO STYLE**
- **QUICK LOCK STYLE WITH THREADED BACKING**

SURFACE PREP DISCS AND HOLDERS

Remove gaskets, carbon, corrosion, paint, etc. with these surface prep discs and holders. Available in two styles – the original **Posi-Grip** loop and pile, velcro-like holders and the new **Quick Lock** style with a threaded 1/4" backing.

■ **POSI-GRIP** — Velcro-like backing

DISCS — 10 qty. each

Dia.	Medium Grit	Coarse Grit
2"	PD-6801	PD-6807
3"	PD-6802	PD-6808
4"	PD-6803	PD-6809

DISC HOLDERS — 1 qty. each

Dia.	Style	Stem	Part No.
2"	Velcro-like	1/4"	DH-4737
3"	Velcro-like	1/4"	DH-4738
4"	Velcro-like	1/4"	DH-4739

■ **QUICK LOCK** — 1/4" threaded backing

DISCS — 10 qty. each

Dia.	Medium Grit	Coarse Grit
2"	PD-7020	PD-7021
3"	PD-7022	PD-7023
4"	PD-7024	PD-7025

DISC HOLDERS — 1 qty. each

Dia.	Style	Stem	Part No.
2"	Threaded	1/4"	DH-4779
3"	Threaded	1/4"	DH-4786
4"	Threaded	1/4"	DH-4787

ROLOC® BRISTLE DISCS

Tough plastic bristles clean away gasket material without gouging or cutting. As the disc rotates, old gasket residue is swept away, while new abrasive material is exposed. High maximum operating speed allows for use on die grinders.



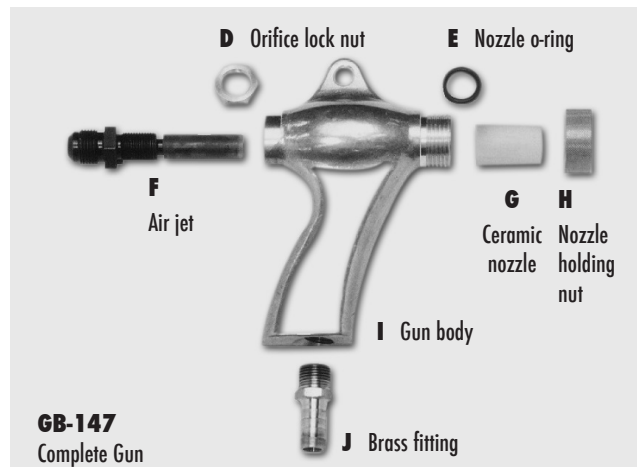
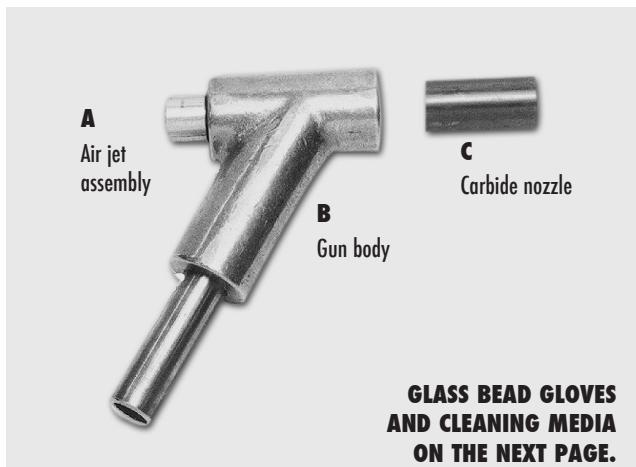
ROLOC® BRISTLE DISC HOLDERS

Part No. / Description
DH-4779 2" disc holder 25,000 maximum operating speed
DH-4786 3" disc holder 10,000 maximum operating speed

ROLOC® BRISTLE DISCS

Part No.	Dia.	Color	Grit	Application
K-7524	2"	Green	Coarse	50 grit Steel
K-7525	2"	Yellow	Medium	80 grit Aluminum or Steel
K-7528	2"	White	Fine	120 grit Aluminum
K-7526	3"	Green	Coarse	50 grit Steel
K-7527	3"	Yellow	Medium	80 grit Aluminum or Steel
K-7529	3"	White	Fine	120 grit Aluminum
K-7533	4"	Green	Coarse	50 grit Steel
K-7534	4"	Yellow	Medium	80 grit Aluminum or Steel

NOTE: 4" Roloc Discs Uses Regis E-16 Drive Unit



GLASS BEAD GUNS AND PARTS

BEAD GUN TO FIT SMALLER MACHINES TRINCO, ECONOLINE, ETC.

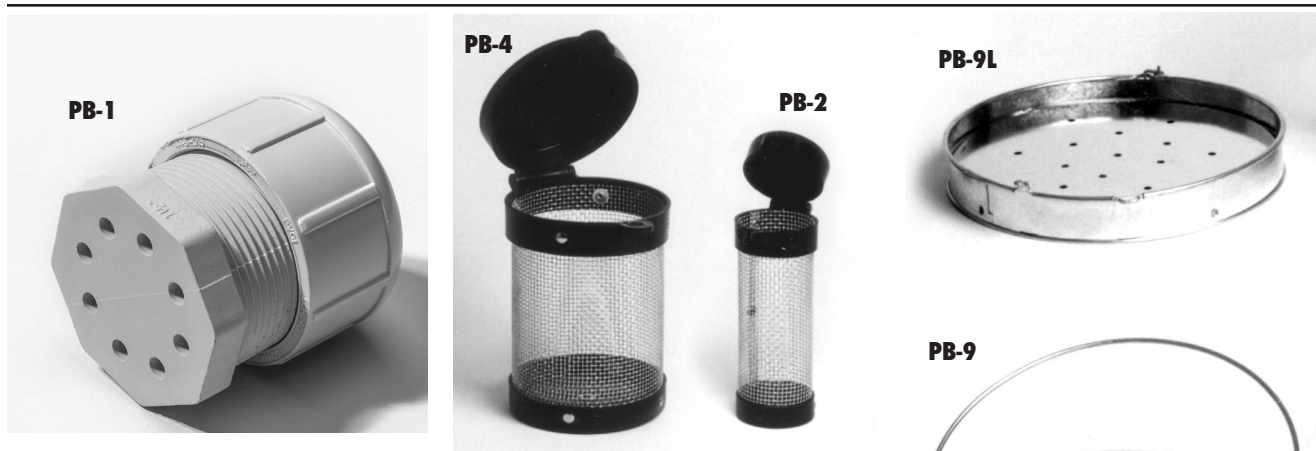
★ To order a **Complete Gun**, order one of each item listed below.

Part No.	Description
A GB-25L	Air jet assembly - $5/32$ " I.D. 25 cfm
B GB-34L	Gun body
C GB-340S	Carbide nozzle

BEAD GUN TO FIT ZERO, BLAST-IT ALL, IDL, EMPIRE

Part No.	Description
GB-147	COMPLETE GUN
D GB-052	$5/16$ " I.D. orifice lock nut
E GB-053	Nozzle o-ring
F GB-065	$5/32$ " air jet
G GB-075	$5/16$ " ceramic nozzle
H GB-054	Nozzle holding nut
I GB-040	Gun body
J GB-04	Brass fitting ($3/8$ " male x $1/2$ " hose barb)

NOTE: Other size nozzles and orifices are available, please call for details.



PARTS BASKETS

Sturdy baskets hold small parts for cleaning, but they also can be used for sorting and storing parts. Safe for use with most solvents, however these baskets are not designed for use in caustics.

Part No.	Description	
PB-1	Keeper Cleaning Container	2" x 2"
PB-2	Parts Basket with attached flip-top lid	$2\frac{1}{4}$ " dia. x $7\frac{1}{4}$ " high
PB-4	Parts Basket with attached flip-top lid	$4\frac{3}{8}$ " dia. x $7\frac{1}{4}$ " high
PB-9	Parts Basket - $1/4$ " galvanized wire mesh	9" dia. x $8\frac{1}{4}$ " high
PB-9L	Lid fits PB-9 basket; includes snap fastener	



REPLACEMENT PARTS FOR SIOUX 710

Basket and other replacement parts for Sioux 710 Parts Tumbler.

Also See Page 113.

Part No.	Description	Mfg. #
S-710B	Valve Tumbler Basket	710B
S-19271	Small Metal Drive Gear	19271
S-19275	Large Fiber Gear	19275
S-18221	Replacement Switch	18221



SUPER SCRAPER™

Removes rust, paint, metal buildup, glues, gaskets... or just about anything! Works on all metals, including aluminum. Precision-ground, double-edge carbide blade, nickel chrome-plated 1/8" steel shank and hardwood handle.

Part No.	Description
SS-12	1/2" wide blade NEW
SS-1	1 1/4" wide blade
SS-2	2" wide blade



HEAVY-DUTY AIR VALVE

FEATURES POSITIVE PRESSURE CONTROL

Heavy-duty air valves have relief vents drilled in the nozzles to prevent back pressure build-up when obstructed or dead-ended. No orifices to restrict air pressure.

Part No. **K-105**



DIP BASKET

Zinc plated dip basket for soaking and cleaning parts. 10" Dia. with carrying handle and hooks to hang basket while draining. Sturdy, light weight basket for use with solvents and non-caustic cleaners.

Part No. **PB-10**



SIPHON SPRAY GUN

Ideal for siphoning and spraying liquids. Flexing unit made with oil proof tube and cover is highly resistant to abrasion. Also features oil and acid proof Teflon in the valve and top-quality bronze fittings. **Not recommended for spraying adhesive liquids.**

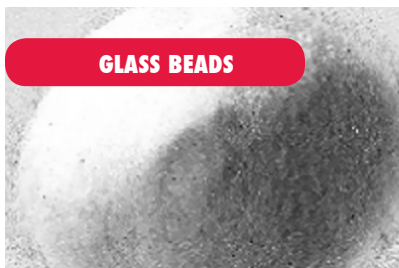
Part No.	Description
K-108	Siphon Spray Gun
K-108A	Replacement Air Valve Unit



AIR WATER GUN

Connect to air and any standard water outlet for a two-way high-pressure air gun. Independent water tube permits use of hot water without burning hands. Includes 1/4" female pipe thread for air connection; garden hose connection for water supply.

Part No.	Description
RWG-1	Air Water Gun
K-108A	Replacement Air Valve Unit



GLASS BEADS



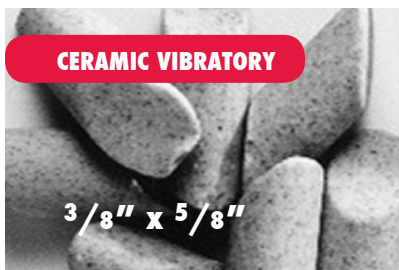
STEEL SHOT



STEEL DIAGONALS



BALL CONE MEDIA



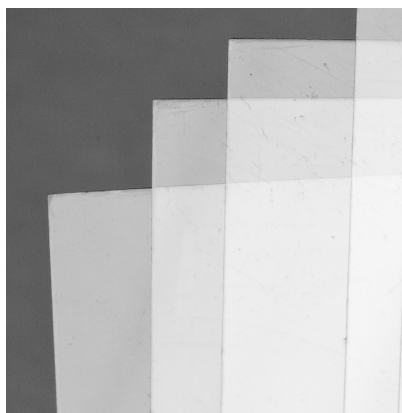
CERAMIC VIBRATORY

3/8" x 5/8"

CLEANING MEDIA

Part No.	Description	Bag Size
BT-8	Glass Beads	50 lbs.
K-170	Steel Shot	50 lbs.
K-516	Steel Diagonals	25 lbs.
K-517	Ball Cone Media	25 lbs.
CM-45	Ceramic Vibratory	25 lbs.

NOTE: Cleaning Media does not qualify for freight allowance policy.



GLASS BEAD CABINET WINDOW FILM

Protects the inside window of glass bead cabinet. Abrasive media will contact the plastic film instead of wearing on the glass window.

12" x 24" each.
Sold in packs of 10

Part No. **WU-24**



HUMPHREY FOOT VALVE

A quality replacement (.250" orifice, 2-way or 3-way) with a guarded foot valve assembly for most glass bead cabinets and seat & guide machines. Constructed of 12 gauge steel. The actuator features a positive stop to protect valve from damage. Its four rubber feet may be removed and the holes used for permanent mounting.

Part No. **K-250F**

Also available to fit Kwik-Way #018, 019 and 020 seat & guide machines that require a 4-way, 5 port orifice.

Part No. **K-250F4**



GLASS BEAD GLOVES

Replacement gloves for glass bead machines with up to 8" glove ports. Overall length of glove and integral gauntlet is 30" permitting use in largest machines. Extra heavy-duty, cloth lined, neoprene gloves provide very long life.

Part No.	Description
FITS MACHINES - with 8" openings	
KG	Pair (left and right)
KGR	Right hand only
KGL	Left hand only
KGS	Pair and a spare (left hand)
FITS MACHINES - with 10" openings	
KG-KW	Pair (left and right)
KG-KWL	Left hand only
KG-KWR	Right hand only

SUNNEN HONING REPLACEMENT FILTER

NEW

Filter fits Sunnen CV-616 and CK-10 cylinder honing machines. Sold individually.

1" ID hole x 6" x 14½" Tall

Part No. **RPF-105**



MULTI-PURPOSE FILTER

Fits many solution filtration systems for hot tank and jet washers. Filter may also be used to filter coolants in flywheel grinders and crank grinders. Sold individually.

7" opening x 12" - 100 microns

Part No. **PF-712**

NEW



HOT TANK GLOVES

Made of poly-vinyl chloride which is alkaline and oil resistant. Knitted cotton liner will not peel and is fully washable. 17½" total length. Coarse, rubber finish minimizes slipping when handling wet or oily parts. **One pair**

Part No. **GHT**



NEW

HEAVY DUTY INDUSTRIAL NITRILE GLOVES

Black Premium Nitrile Gloves are powder free and latex free designed for use in automotive machine shops. Sold in boxes of 100 quantity

Part No.	Size/Thickness
BNG-L	Large 6 Mil Thickness
BNG-XL	Extra Large 6 Mil Thickness
EXTRA THICK (Orange Gloves)	
ONG-L	Large 10 Mil Thickness
ONG-XL	Extra Large 10 Mil Thickness

PROTECTIVE APRON

This protective apron is made out of Hycar – a tough nitrile blend which is highly resistant to oil, gasoline, grease, solvents, chemicals and caustics. Features finished edges with grommets and rope ties. **One size fits all, 35" x 45"**. Apron is also available in denim, which is washable.



Part No.	Description
HA-100	Hycar Apron
HA-100D	Denim Apron



PH TEST KIT

Dipsticks used to determine acidity or alkalinity of a solution. Tests pH levels from 1 to 14. Values over 7.0 are basic or alkaline, below 7.0 are acidic, and a value of 7.0 is neutral.

Easy To Use – dip, shake, and immediately match with color chart. Kit contains 100 strips and a color chart packed in a plastic case.

Part No. **PH-KIT**



ULTRASONIC CLEANER

Water-based for all metals. Highly concentrated immersion/ultrasonic detergent. Safe on ferrous, aluminum, most soft metals, and plastics. Contains no chlorinated or petroleum solvents. 5 gal. pail.

Concentrate: Generally use 2½ gals. of product to 15 gals. of water.

Part No. **RUS-5**



THORO-FLUSH

RADIATOR AND ENGINE CLEANER

Cleans auto and truck cooling systems. Loosens and removes rust, scale, grease, oil and sludge. Flushes out hoses.

Part No. **RTF-16**

EVAPO-RUST™

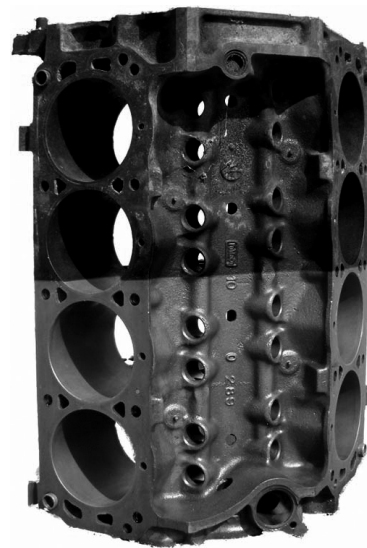
A NEW WAY TO SAFELY AND EASILY REMOVE RUST

An amazing rust remover which will remove even deep rust on all types of mild steel and iron!

EVAPO-RUST™ is water based and does not require any special equipment or personal protective wear. It is non-corrosive to steel and does not harm brass, copper, aluminum, gold, lead, titanium, steel, cast iron, solder points, vinyl, plastic, rubber, silicone, glass, cork, or wood.

Easy To Use. Fully immerse the rusted item in EVAPO-RUST™ and check progress in about 30 minutes; no scrubbing necessary. Soak times will vary from 30 minutes to 24 hours depending on severity of rust, type of steel, and temperature.

Because EVAPO-RUST™ is water based, the active molecules will slow down as temperature decreases and increase as temperature increases. We recommend using at a bath temperature above 55° F.



It just so happens that a big block will just fit inside a 55 gallon drum... Cut the top off of the drum and you instantly have the perfect soak tank. EVAPO-RUST™ removes the rust, inside and out, with only the labor to put the block or head in, let it soak, and take it out. The block shown above came out of a junk yard and soaked for approximately 12 hours.

Part No.	Quantity
ER-1	1 gallon
ER-5	5 gallons
ER-35	35 gallons
ER-55	55 gallon drum

HOT TANK & JET SPRAY CLEANERS

CITRUS HOT TANK POWDER

Blend of natural solvents, surfactants and other detergents. Performs heavy-duty cleaning without using hazardous, caustic or harsh alkalis.

Safe on all metals - 50 lb. pail.

Concentrate: Mix 2 to 10 oz. per gallon of water.

Part No. **RCS-50**

PRO JET SPRAY

An excellent product to use when low foaming is necessary in spray washers. Quickly removes automotive grease from engines, heads, transmissions, carburetors, etc.

Safe on all metals - 50 lb. pail.

Concentrate: Mix 4 to 8 oz. per gallon of water.

Part No. **RPS-50**

JET SPRAY POWDER

Heavy-duty alkaline spray washing compound. Designed for automotive shop cleaning of mixed metals. Concentration must be monitored. Non-caustic.

Safe on aluminum and cast iron
50 lb. pail.

Concentrate: For aluminum, mix 2 to 3 oz. per gallon of water. For cast iron, mix 3 to 8 oz. per gallon of water.

Part No. **RAP-50**

FOAM CONTROL

Highly concentrated liquid designed for defoaming cleaning solution used in pressure spray machines. **Safe on all metals**
One quart.

Concentrate: Mix 1 to 5 oz. per 40 gallons of water.

Part No. **RFC-32**



SAFETY GLASSES

High-quality safety glasses designed with style, but with safety in mind! Fully adjustable with easy temple adjustments for a precise fit. One piece, impact-resistant polycarbonate lens features molded side shields for a larger protective area. Black frame with clear lens offers general eye protection.

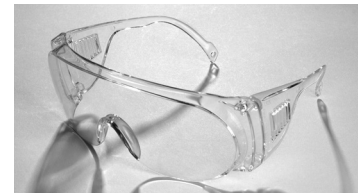
For indoor use only

Part No. **KK-81D**

ECONOMY SAFETY GLASSES

Low-cost safety glasses feature a clear lens with side shields. One piece, plastic frame is wide enough to fit easily over prescription glasses to protect lenses.

Part No. **JJ-12**



FACE SHIELD

Adjustable, lightweight face shield slips on and off in an instant. Protects the entire face, yet vision is not impaired when dust or spray is heavy. Positive stop side nut prevents window from hitting face. Window is .060" thick, 8" long and is replaceable. (Meets ANSI Z87.1, 5.2.)

Part No.	Description
FE-48	Face Shield
FH-48C	Replacement Window



DISPOSABLE DUST MASKS

Maximum protection against nuisance dust and non-toxic particles. Lightweight, contoured design provides a secure fit. Natural shape has a closer fit, eliminating metal nose band. Larger filter area assures cool, easy breathing.

Sold in packs of 50

Part No. **1100**



GRINDING COOLANTS & CONCENTRATES

Part No.	Qty.	Usage / Description
VRG-1 VRG-5	1 gal. 5 gal. pail	VALVE REFACING MACHINES Light Brown – Specially formulated oil for use in all valve refacing machines. Extends wheel life while allowing for a better surface finish and cooling of workpiece. Inhibits rust, eliminates foaming and rancidity. • Pre-mixed.
ML-33 ML-33-5	1 gal. 5 gal. pail	CRANKSHAFT & CAMSHAFT GRINDING Light Blue – Water soluble grinding coolant (synthetic type). Non-foaming, transparent, soluble in hard water and non-toxic. Non-staining and non-irritating to skin. Helps eliminate glazing of grinding wheels and promotes free cutting action. • Mix 2-5 gal. to 100 gal. water.
WS-11 WS-11-5	1 gal. 5 gal. pail	CRANKSHAFT & CAMSHAFT GRINDING Milky White – Water soluble grinding concentrate oil. Base product contains "EP" (extreme pressure) additives and oil soluble corrosion inhibitors. High corrosion resistance. High lubrication; leaves oily residue film. Does not contain sulphur, chlorine, phosphorus or nitrites. • Mix 1-2 gal. to 100 gal. water.
HO-1 HO-5 HO-55	1 gal. 5 gal. pail 55 gal. drum	HONING MACHINES Clear – Fine quality honing oil. Specifically compounded for keeping stones clean and free cutting. Reduces honing time and increases stone life. • Pre-mixed.
WL-68	1 gal.	WAY OIL FOR MACHINE TOOL WAYS Dark Brown – A fine quality adhesive oil lubricant for all machine tool ways. Features lasting lubrication qualities and allows slides and tables to move freely while providing corrosion protection. • Pre-mixed.
MK-1 MK-5	1 gal. 5 gal. pail	MULTI-PURPOSE GRINDING Pink – Professional-grade multi-purpose coolant for crankshaft and camshaft grinding, platen grinding (belt surfacing), surface grinders and flywheel grinding machines. Hard water soluble with excellent anti-rust properties. Bacterial fungal resistant. • Mix 1 gal. to 30 or 40 gal. water.

FLEXIBLE COOLANT HOSES

A great way to replace those flexible or non-flexible coolant or oil hoses on your machine. These hoses stay where you move them. Fully adjustable length. Available with round or flare nozzles. Not harmed by coolants or chemicals. Maximum working pressure 20-30 PSI.



Part No.	Description
RCH-401	11" OAL x 1/4" I.D. with 1/4" NPT
RCH-407	1" flare nozzle for 1/4" system
RCH-406	1/4" NPT adapter for 1/4" system
RCH-801	11" OAL x 1/2" I.D. with 1/2" NPT
RCH-809	2 1/2" flare nozzle for 1/2" system
RCH-804	3/8" NPT adapter for 1/2" system
RCH-805	1/2" NPT adapter for 1/2" system
RCH-807	1 1/4" flare nozzle for 1/2" system



■ **COMPLETE KIT**
1/4" ID with 1/8" NPT 1/4"
round nozzle fits most parts washers, wet-type seat grinders and valve refacers.

Part No. **RCH-413**



■ **COMPLETE KIT**
1/2" ID with 1/2" NPT 1/2"
round nozzle fits most crankshaft grinders, and camshaft grinders.

Part No. **RCH-813**



FOGMAKER SPRAY UNIT

Positive trigger action pump makes it easy to operate with one hand. No electricity or air compressor required. Heavy-duty and built to last.

Part No. **FO-1**

Ideal For Use With **RUSTLICK**
See Page 105



MACHINE CLEANER

Bactericidal detergent and solvent for desludging. Keeps machine free of micro-organisms responsible for causing rust, bad odors, health hazards, etc. Clear in color.

Mix Ratio: 1 gallon of Kleenzol to 50 gallons of water.

Part No. **KLEENZOL**



TRIADINE®

This industrial microbiostat contains an effective combination of antifungal and antibacterial agents. Use to inhibit the growth of bacteria and fungi in aqueous metalworking, cutting, cooling and lubricating fluids. It is water-soluble and can be added to the concentrate or used tankside.

Part No. **CF-20**

COOLANT PUMPS

Designed for use with all popular liquid coolants. All pumps are 110 volt and UL listed.



K-518020
170 gph @ 1 ft.
1/125 HP
For Parts Washers



K-503203
670 gph @ 1 ft.
1/15 HP
For Hone Tanks



K-501020
205 gph @ 1 ft.
1/150 HP
Universal



K-50500
1200 gph @ 1 ft.
1/6 HP
For Flywheel Grinders



DRY GRAPHITE LUBRICANT

A slippery, clean, dry, non-staining lubricant used where petroleum-based products must be avoided. Stops sticking and squeaking in temperature environments from -100°F to +1000°F.

Part No. **DG-8078**



PRESS FIT LUBRICANT

Lubricates and protects metal surfaces during press fitting operations. Spray before installing valve guides, piston pins, cylinder sleeves, etc. Temperature resistant to 800°F.

Part No. **PFL-12**

NEW



PRECISION OUTSIDE MICROMETER SET

0 - 6" RANGE. Solid metal frame, ratchet stop, carbide-tipped faces. Anvil and spindle are hardened and precision ground. Spindle lock holds securely for transferring measurements.

Part No.	Range	Readings
M-01	0 - 1"	.0001
M-02	1 - 2"	.0001
M-03	2 - 3"	.0001
M-04	3 - 4"	.0001
M-05	4 - 5"	.0001
M-06	5 - 6"	.0001
COMPLETE KIT - includes all items pictured		
M-KIT	0 - 6"	.0001

DIAL INDICATORS & ELECTRONIC INDICATOR



DIAL INDICATOR

Manufactured according to ASME/ANSI standards. 1" range, 0.001" graduations, 2-3/8" bezel diameter, lug back, white face.

Part No. **M-225**



DIAL INDICATOR

1"/.001" Dial indicator features 1" range, 2-3/8" bezel diameter, lug back, black face.

Part No. **M-229DI**



DIAL INDICATOR

1" range, 0.0005" graduations, 2-3/8" bezel diameter, lug back, white face.

Part No. **M-32DI**

MAGNETIC BASES



FLEX ARM MAGNETIC BASE

Stem flexes approximately 360 degrees. Holds rigidly in any desired position. Extra heavy cable diameter 0.1". Quick locking clamp. 176 lb. magnetic pull.

Part No. **M-823**



HITE-MIKE

This tool makes old valve spring measuring methods obsolete. The Hite-Mike installs on the valve and retainer assembly as if it were a spring and directly reads installed height dimension. The expanding force of the tool simulates spring pressure for better accuracy.

Part No.	Installed Height Range
HM-130	1.300 - 1.850"
HM-150	1.500 - 2.100"

VALVE STEM HEIGHT SETTING GAUGE

Made in the U.S.A.

Features five interchangeable, lightweight, billet aluminum measuring bodies. Pre-settable for reference use. Solid aluminum base. Sold as a complete set.



Part No.	Description
VSG-1	COMPLETE SET - includes all items pictured above
VSG-A	Large Measuring Body 1.250" O.D., 1.090" I.D., 3.300" OAL
VSG-B	Medium Measuring Body 1.060" O.D., .812" I.D., 2.840" OAL
VSG-C	Small Measuring Body .900" O.D., .770" I.D., 2.840" OAL
VSG-D	Small Tall Measuring Body .900" O.D., .770" I.D., 3.840" OAL
VSG-E	Ex Small Tall Measuring Body .750" O.D., .625" I.D., 3.830" OAL

VALVE STEM HEIGHT GAUGE

COMPLETE WITH DIAL INDICATOR

Use after grinding valve and seat. Install valve head, then place valve stem height gauge in position as shown. Gauge reading shows you actual stem valve height. Compare reading to the "A" plus "B" dimension. The difference in the readings gives you the amount of excess height to the valve stem and how much to shim the valve spring for correct stem height.

.100" I.D. and 1.250" O.D.

Part No. 291

Replacement Indicator

Part No. I-6125



VALVE STEM HEIGHT GAUGE

DIAL INDICATOR TYPE

Handy gauge with a dial indicator is easy to use and gives precise measurements. Only needs to be setup once — no need to interchange bodies for domestic and import heads. Use for hard-to-reach valve measurements in recessed head body castings. Especially useful for two and four recessed valve applications.

.775" I.D. and .950" O.D.

Part No. 295

Replacement Indicator

Part No. I-6125





DIGITAL BORE GAUGE SET



2.0 - 6.0" (50-150MM) RANGE, 0.0005" GRADUATIONS, 7" DEPTH, 12 ANVILS

Extra large LCD, 360 degree rotation. Dual display; digital and electronic scale - true inch/mm conversion. Zero reset allows absolute or comparative measurements. One-button, easy calibration. Power supplied by a 3V CR2032 lithium battery.

Part No. **M-210DG**

12" FEELER GAUGES



Long length to shim heads for straightening or milling purposes. 1/2" wide. 3/16" dia. hole in one end. Each polished steel blade is permanently marked with its proper size.

• **COMPLETE KIT** Part No. **FG-KIT**

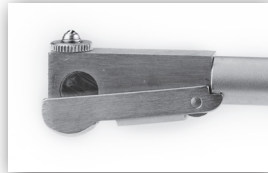
KIT INCLUDES - 25 blades, one of each size listed below:

.0015"	.002"	.003"	.004"	.005"	.006"	.007"
.008"	.009"	.010"	.011"	.012"	.013"	
.014"	.015"	.016"	.017"	.018"	.019"	
.020"	.021"	.025"	.027"	.030"	.040"	

• **INDIVIDUAL SIZES** Part No. **FG-** " + size number"

For example, to order a .006" single, specify Part No. FG-006. Individual blades are available in the following sizes:

.001"	.0015"	.002"	.0025"	.003"	.004"
.005"	.006"	.007"	.008"	.009"	.010"
.011"	.012"	.013"	.014"	.015"	.016"
.017"	.018"	.019"	.020"	.021"	.022"
.023"	.024"	.025"	.026"	.027"	.028"
.029"	.030"	.031"	.032"	.034"	.035"



DIAL BORE GAUGE SET

0.7 - 1.5" RANGE, 0.0005" GRADUATIONS, 5" DEPTH

For close tolerance measurements of holes, taper, and roundness. Gauges are supplied with AGD group II dial indicator. Self-centering, easy-setting with micrometers or ring gauges. Fitted case with anvils index.

Part No. **M-70DBG**



CYLINDER DIAL BORE GAUGE

2.6 - 6.0" RANGE

Measures taper and out-of-round from immediate underside of ridge to bottom of critical wear area without removing pistons. Measures bore diameter to a depth of 8" in graduations of .0005". Rugged, one-piece construction.

Includes contact extensions and wooden storage case.

Part No. **258**



TELESCOPING GAUGE SETS

Double-action, self-centering for quick checking of inside measurements. Constant spring tension for uniform feel. Contact point ends are hardened tool steel and precision ground on a radius of the smallest hole gauge will enter. **Includes fitted carrying case.**

Part No. Description

M-720 Telescoping Gauge Set

M-716 Telescoping Gauge Set - Tin Coated



PRECISION STRAIGHT EDGE

35" LONG - Extremely accurate for checking cylinder head and block work. Adequate length for most diesel engines. Enamelled surfaces (except measuring edge) to protect against rust. Features a "hang up" hole at one end for safe and easy storage.

Part No. **296**



SMALL HOLE GAUGE SET

Ideal for checking valve guide wear and small hole diameters. Full ball for very accurate measurements. Easy to adjust with full-spherical, hardened, satin chrome-plated measuring faces. Comes in plastic pouch. Range: $\frac{1}{8}$ " to $\frac{1}{2}$ ".

Part No. **M-20**

PRECISION DIAL CALIPERS

FOR INSIDE, OUTSIDE AND DEPTH MEASUREMENTS.

Measuring surfaces are precision-ground and lapped to provide the highest degree of accuracy. Clear, precise, black graduations on non-glaring satin chrome finish make measurements easy to read. Designed for very long life. Made from the highest quality stainless steel with satin chrome finish. Face bar is recessed to protect graduations from wear. Both models are equipped with an adjustable dial and thumb fine wheel adjustment.



0-6" RANGE

White face, 4-way measurements, $.100$ " per revolution. Graduation: 0.001 ", $.100$ " per revolution

Part No. **M-25DC**



0-12" RANGE

White face, graduations $.001$ ", $.100$ " per revolution. 4-way measurements

Part No. **M-75DC**

DIGITAL CALIPERS

3 KEY, 0-6" RANGE

Function: On/Off, In/MM reading, (0.0005 "/ 0.01 mm). Extra large LCD for easy reading. Range: 0-6"/0-150mm.

Part No. **M-67DC**





BALL ANVIL MICROMETER

0 - 1" RANGE. Features a rounded anvil for measuring curved surfaces. Carbide tipped with a resolution of 0.0001".

Part No. **M-39**



RADIUS GAUGE SET

Five different gaging surfaces on each gage for both convex and concave radius. Made of satin finish stainless steel, rust and stain resistant. With handy gage holders. $\frac{17}{64}$ " - $\frac{1}{2}$ " by 64th increments.

Part No. **M-15**



DEPTH MICROMETER

Useful for measuring hole depth, recesses, and keyways.

Part No.	Description
M-47DM	0"- 4" range, 4" base width
M-15DM	0"- 6" range, 2 $\frac{1}{2}$ " base width



VALVE SEAT RUNOUT GAUGE

Position on pilot with adjustable probe set on the valve seat. The gauge is then turned 360 degrees. Features jewelled bearings.

Part No. **VSG-375** $\frac{3}{8}$ " Adapter for Black & Decker, K.O. Lee, Neway, and Olcott

Part No. **VSG-385** $\frac{3}{8}$ " + 10 Adapter for Sioux



PLASTIGAGE

Checks main and rod bearing clearances quickly and precisely. Color coded. Made of extruded plastic thread. **Instructions included**
Sold in packs of 10

Part No.	Color	Size
K-4411	Green	.001" to .003"
K-4412	Red	.002" to .006"
K-4413	Blue	.004" to .009"



ELECTRONIC LEVEL ANGULAR MEASUREMENT SYSTEM

A universal system to update your bubble-type level to a more accurate, digital readout. Levels are available to work with Sunnen, Kwik-Way, Peterson, K.I., Winona and DCM Tech. **Please specify the the top size of Pilot when placing your order.**

Part No. **TEL-1**



STARRETT LEVELS AND REPLACEMENT VIALS

Top-quality Starrett levels have ground and graduated main vials. Vials are adjustable to a positive setting and are housed in a satin finished brass tube with a friction-fit closing cover to prevent breakage. Base of the levels feature an involute groove running the length of the base, which provides a reliable seat for round work.

Part No.	Description
TSL-V	Replacement Vial for VGL-series levels
TSL-6	4" Universal Valve Guide Level Fits all popular pilot top sizes
TSL-8	8" Complete Level
RV-8	Replacement Vial for TSL-8
TSL-12	12" Complete Level
RV-12	Replacement Vial for TSL-12



MASTER PRECISION LEVELS

Graduations: 0.0002" per 10" for accurately checking the work of machinists and toolmakers, setting up machinery and other work that requires extreme leveling accuracy. Ground and graduated main vial of 10 second accuracy. Casting thoroughly seasoned, machine and hand seasoned.

8" Level:
Part No. **M-738**

12" Level:
Part No. **M-7312**

REGIS VACUUM TESTER KIT

Check your entire valve train – valve seats, stems, and guides – quickly and accurately. **Complete kit** - includes gun and 2", 3", 4" disc pads. Replacement disc pads also fit discontinued Sioux 1630 Vacuum Tester.

Part No.	Description
R-1630K	COMPLETE KIT Includes gun and one each of 2", 3" and 4" disc pads.
1630-2	2" Disc Pad
1630-3	3" Disc Pad
1630-4	4" Disc Pad
1630-5	5" Disc Pad
1630-6	6" Disc Pad
64054	Replacement gauge for Regis and Sioux
R-1630-STEM	Replacement 4" stem for Regis
R-1630-7	Rectangular Pad 1 ³ / ₄ " x 2 ³ / ₄ "
1630-MAT	12" x 33" x 1/8" Replacement mat

REPLACEMENT PARTS ALSO FIT SIOUX 1630 VACUUM TESTER

Replacement gauge available for Regis or Sioux models

NEW

Replacement 4" stem available for Regis model



Replacement disc pads 2", 3", 4", 5", or 6" diameters are interchangeable with Regis or Sioux 1630 Vacuum Testers



MAGNA FLURO OIL

This light, clear oil contains special particles that glow under black light. 5 gallon container.

Part No. **MFO-5**



ELECTRIC CRACK DETECTION KIT WITH OPTIONAL DC ADAPTER

100v, A/C also comes with an optional DC adapter for a 6 or 12 volt power supply. Solid construction. **Complete Kit** - includes 1 lb. magnetic powder, spray bulb and funnel, all packed in a sturdy carrying case.

Part No. **K-1020E**

REGIS MAGNETIC POWDER

For use with any dry magnetic crack detector. Choose from four different colors: gray, red, yellow or white.



Color	Quantity	Part No.
GRAY	5 lbs.	K-801
	10 lbs.	K-802
	25 lbs.	K-803
	50 lbs.	K-804
	100 lbs.	K-805
RED	5 lbs.	K-801R
	10 lbs.	K-802R
	25 lbs.	K-803R
	50 lbs.	K-804R
	100 lbs.	K-805R

Color	Quantity	Part No.
YELLOW	5 lbs.	K-801Y
	10 lbs.	K-802Y
	25 lbs.	K-803Y
	50 lbs.	K-804Y
	100 lbs.	K-805Y
WHITE	5 lbs.	K-801W
	10 lbs.	K-802W
	25 lbs.	K-803W
	50 lbs.	K-804W
	100 lbs.	K-805W



MAGNETIC POWDER APPLICATIONS

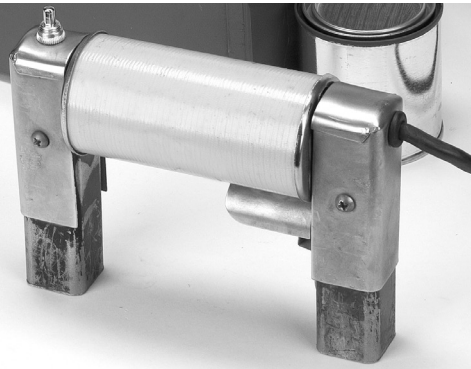
A very simply and fast way to distribute magnetic powder. Can be used for large and small areas.

Part No.	Description
KPF-7	Powder Bulb
1020A	Powder Application
1020A-2	Bulb for 1020A Only

ELECTRIC MAGNETIC CRACK DETECTOR

Locates cracks in cylinder heads, manifolds, blocks, cases or any other part made of ferrous metal. Finds cracks not visible to the naked eye. Fast and easy to operate. Uses 110v for operation. Powerful magnet has 40 lb. pull. Crack Detector includes steel storage case.

Replacement parts are also available.



Electric Magnetic Crack Detector
Part No. **1020**

Replacement Parts for Electric Magnetic Crack Detector

Part No.	Description
KPF-7	Rubber Powder Blower
1020A	Atomizer Powder Blower
1020A-2	Squeeze bulb for 1020A
1020B	Light Bulb
1020C	Bulb Socket
1020D	On-Off Switch
1020X	Transformer



KWIK-CHEK CRACK DETECTION SPRAYS

For aluminum, ductile iron, etc. Non-fluorescent usage. **Complete Kit** - for detection of cracks in aluminum cylinder heads.

Part No.	Description
KCK	COMPLETE KIT - includes 1 of each below
KCK-1	Aerosol Penetrant, 10 oz.
KCK-2	Aerosol Dye Remover, 10 oz.
KCK-3	Aerosol Developer, 10 oz.



CRACK REPAIR SUPPLIES

THREADED PLUGS	Quantity Per Box	Diameter Inches	Small End mm	Thread Length Inches	mm	HSS DRILLS	HSS EXT. DRILLS	TAPERED REAMERS	TAPERED TAPS
TP-200	100	.200"	5.08	5/16" .9375"	23.81	TW-200	TWE-200	Not required	TST-200
TP-235	100	.235"	5.97	5/16" .9375"	23.81	TW-235	TWE-235	TR-235	TST-235
TP-235E	100 (economy)	.235"	5.97	5/16" .9375"	23.81	TW-235	TWE-235	TR-235	TST-235
TP-327	50	.327"	8.31	1 3/8" 1.375"	34.93	TW-327	TWE-327	TR-327	TST-327
TP-386	50	.386"	9.80	3/4" .75"	19.05	TW-386	-----	TR-386	TST-386
TP-420	25	.420"	10.67	15/16" .9375"	23.81	TW-420	-----	TR-420	TST-420
TP-421	25	.420"	10.67	1 3/8" 1.375"	34.93	TW-420	-----	TR-420	TST-420
TP-490	25	.490"	12.45	1" 1.0"	25.4	TW-490	-----	TR-490	TST-490
TP-491	25	.490"	12.45	1 7/16" 1.4375"	36.51	TW-490	-----	TR-490	TST-490
TP-590	25	.590"	14.97	1" 1.0"	25.4	TW-590	-----	TR-590	TST-590

INSPECTION, TESTING & CRACK REPAIR

SEALACE® & ALUMALACE® TAPER PLUGS

STRONGER - MORE DURABLE - LEAK PROOF! SEALACE® TAPER PLUGS are manufactured from an alloy that is many times stronger than cast iron, yet Sealace exhibits coefficients of expansion and contraction identical to cast iron. ALUMALACE® Taper Plugs are manufactured from aluminum, alloyed in exactly the same way as aluminum castings. Each plug contains ZINC ELECTROLYTE, which inhibits corrosion in the repair area and ultimately fills pin holes and voids, adjacent to the repair, thus creating a permanent and impenetrable seal against leakage.

Guaranteed Never To Crack! No other repair plugs offer this vital added assurance that all of your crack repairs will be forever corrosion-free and leak-proof!



Plug #	Dia. x Length	Box Qty.	Sealace® Plug Part No.	Alumalace® Plug Part No.	Sealace® Titanium-Nitride Tap Part No.	Sealace® Titanium-Nitride Drill Part No.
#4	.205/.155 x 1"	100	10113	20111	12113T	17117T*
#1	.275/.225 x 1"	100	10111	-----	12111T	17111T*
#3	.350/.275 x 1 ³ / ₈ "	50	10112	-----	12112T	17113T*

U.S. Patent No. 4,599,781 & Canadian Patent No. 1,236,276

*(3 pack) drill bit size will vary dependent upon casting thickness.



SEAL LOCK® CYLINDER HEAD REPAIR KITS

Description	Qty.	Part #	Includes
Standard Cylinder Head Kit		20009	
Deluxe Cylinder Head Kit		20010	
Alumalace® Repair Kit		20008	
#3 Sealace® Taper Plugs	50	10112	•
#4 Sealace® Taper Plugs	100	10113	•
Alumalace® Taper Plugs	100	20111	•
#1 Sealace® Titanium Nitride Taps	2	12111T	•
#3 Sealace® Titanium Nitride Taps	1	12112T	•
#4 Sealace® Titanium Nitride Taps	2	12113T	•
Alumalace® Titanium Nitride Tap	1	12113T	•
3/16" Titanium Nitride Drill Bit	3	17111T	•
17/64" Titanium Nitride Drill Bit	1	17113T	•
9/64" Titanium Nitride Drill Bit	1	17117T	•
TMT® Lubricant (1 1/4 oz. bottle)	1	30111	•
Seal-Lock® Fluid Weld® (2 oz. bottle)	1	30333	•
Grip® 50ml Bottle	1	30650	•
Tab Seals 7 Gram Tablets	2	30702	•
Seal-Lock® Air Hammer	1	18600	•
3 1/2" Round End Peening Tool	1	18601	•
3 1/2" Pointed End Peening Tool	1	18602	•
Curved Peening Tool	1	18608	•

SEAL-LOCK® & SEAL-LOCK® JIG

Using the Seal-Lock® Jig, a drill bit, and an air drill, patterns of tangent holes are drilled straddling the crack. Seal-Locks are inserted into the patterns. Once in place, they act like giant staples, keeping the crack forever from reopening or propagating further. The balance of the crack between the Seal-Locks is sealed using Seal-Lace Taper Plugs, capable of holding pressures in excess of 6000 PSI. Peen with air hammer and grind to finish.



Description	Part No.
3/16" 3-lobe (25 qty) For up to 1/4" casting	14112
3/16" 5-lobe (25 qty) For up to 1/4" casting	14117
3/16" Seal-Lock® Jig	16113





Handy slip chuck
Rugged Cast Aluminum Handle

SEAL-LOCK® AIR HAMMER

SMALL & COMPACT. The perfect peening hammer for repairing cracked castings with features not found in any other air hammer. Less than 6" overall length, lets you work in tight areas. Uses only 3 CFM @ 90 PSI. Light weight (only 20 oz.), reduces operator fatigue. Exclusive patented metering trigger offers superior control from 0 to 13,000 blows per minute.

Part No. 18600

SEAL-LOCK® PEENING TIPS

Peening Tips snap in and out of chuck easily and are safely locked in. Air Hammer has no dangerous, cumbersome spring retainers.

Part No. 18601 
3 1/2" Round End

Part No. 18602 
3 1/2" Pointed End

Part No. 18603 
7" Round End

Part No. 18604 
7" Pointed End

Part No. 18605 
4" Flat Chisel

Part No. 18606 
4" Offset Flat Chisel

Part No. 18607 
6 1/2" Blank

Part No. 18608 
8 1/2" Curved End

PORTABLE SEAL-LOCK® MAG II KIT



Features new rare earth magnetic alloys. Portable, these permanent magnets weigh less than 2 lbs. Enclosed in nylon covers and guaranteed forever to never lose their power. **Complete Kit** - includes set of Mag II® probes, 1 lb. Crack Detection powder and a plastic storage case.

Part No. 19003

SEALMASTER® KITS

Stitching Pins and Chemical Weld® Pins

Makes all other grooved repair pins obsolete! One pin to repair both cast iron and aluminum castings! Use 1/64" drill and #12-28 Tap to install pins. Chemical Weld Pin threads are coated with a high temp chemical welding agent for sealing.



Description	Part No.
SEALMASTER STARTER KIT #6A & #6B Pins (10 qty.), #D6 Drill Bit, T6 Heavy Duty Tap.	K-1000
SEALMASTER MASTER KIT #6A & #6B Pins (100 qty.), 2" Cut Off Discs with 1/4" arbor (2 qty.), #D6 Drill Bit, # T6 Heavy Duty Tap, 1 1/4" oz. TMT™ Lube, 50ml Grip, 2 oz. Fluid Weld, Plastic Storage Case.	SM-4000
1/2" Stitching Pins (100/box)	6A
1/2" Chem. Weld Pins (100/box)	6ACW
7/8" Stitching Pins. (100/box)	6B
7/8" Chem. Weld Pins. (100/box)	6BCW
Reg. Stitching Pins (for 12-28)	6C
Chem. Weld Pins (for 12-28)	6CCW
1 1/64" Titanium Nitride Drill Bit (for 12-28)	D6-1
12-28 Heavy Duty Tap	T6
12-28 Heavy Duty Tight Fit Tap	T6TF

SEAL-LOCK® COLD FUSION

Crack Repair Tools for cast iron and aluminum cylinder heads and blocks.



When making repairs on thin castings, it is best to remove as little parent material as possible. Tests prove thin casting repairs require a repair plug diameter in the range of .150" to .230" with a .030" per inch taper, and an optimum thread pitch of 32 threads per inch. Fusion plugs are made to meet these torque required, and less tendency to propagate the crack. Requires SEAL-LOCK® Fusion Plugs.

Description	Part No.
COLD FUSION COMPLETE KIT 1 Box FP150 & FP200 Plugs; w/ 1 ea. 150 Tap, 200 Tap, 3 ea. 1/8" & 1 1/64" Drill Bits, 2-2" Cut-Off Discs w/ 1/4" Arbor; 1 ea. Bottle TMT® Lube & Fluid Weld®	CFK100
Cold Fusion Plug .175" top dia./ .150" bottom dia.; 32 TPI. Box of 100.	FP150
Cold Fusion Plug .230" top dia./ .200" bottom dia.; 32 TPI. Box of 100.	FP200
Tap (FP150 Plug)	FT150T
Tap (FP200 Plug)	FT200T
1/8" Titanium Nitride Drill Bit (set of 3)	FD150T
1 1/64" Titanium Nitride Drill Bit (set of 3)	FD200T

INSPECTION, TESTING & CRACK REPAIR



RADIATOR AND ENGINE SEALERS

Part No.	Description
RWS-16	Radiator Sealer
RMS-16	Cylinder Head, Engine Block and Radiator Sealer



SEAL-LOCK® FLUID WELD

Repairs fine cracks or pinholes in cast or aluminum blocks. Seals crack repair plugs and pins. Easy installation of valve seat inserts and valve guides. Withstands temperature up to 3,000°F.

Part No.	Description
K-333-20Z	2 oz. bottle, Fluid Weld
K-334	8.8 oz. bottle, Fluid Weld



TAPPING COMPOUND

Use tapping compound to reduce tap breakage, increase tap life, and improve quality of thread. Helps make tapping easier and faster.

Part No.	Description
TPL-1	7.5 oz. Bottle, Tap-O
TPL-20	Half Gallon, Tap-O



SEAL-ALL™

This head and block sealer cross links with oxides (rust) inside water jackets to form a tough, flexible lining that seals leaks and contains cooling system pressures. Not affected by water or coolant (anti-freeze). Prevents rust and corrosion.

Part No.	Description
K-320	1 quart, Seal-All™
K-3121	1 gallon, Seal-All™



HEAT TABS

When adhered to block or cylinder head, the heat tab centers will melt out at 250°F or above. Helps prevent warranty comebacks. To apply heat tab to engine block, use DEVCON heat tab adhesive.

Part No.	Description
HT-100	Heat Tabs, box of 100 qty.
DEVCON	Heat Tab Adhesive

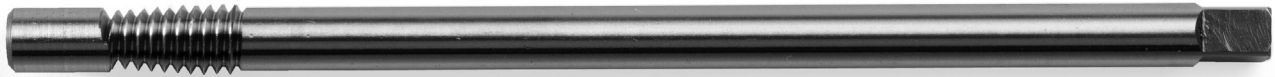


SEAL-LOCK® GRIP

High-temperature sealant used for sealing studs, screws, valve guides, cylinder sleeves, keyways, etc. Resistant to gasoline, alcohol, motor oil, etc. when fully cured. 8.45 oz.

Part No. **K-365**

REGIS REPLACEMENT VALVE GUIDE RESIZING ARBORS AND REAMERS ARE INTERCHANGEABLE WITH WINONA, K-LINE, OLCOTT, HALL-TOLEDO, GROOVE RITE, HASTINGS



VALVE GUIDE RESIZING ARBORS (KNURLERS)

Part No.	Dec.	mm	Part No.	Dec.	mm	Part No.	Dec.	mm
K-1078	.216	5.50	K-1082	.275	7.00	K-1084	.354	9.00
K-1081	.236	6.00	K-1083	.315	8.00	K-1091	.375	9.52
K-1086	.250	6.35	K-1088	.312	7.92	K-1094	.437	11.10
K-1080	.260	6.60	K-1089	.343	8.71	K-1095	.500	12.70



HIGH-SPEED STEEL PILOTED GUIDE REAMERS For use on cast iron.

K-1060	.197	5.05	K-1116	.310	7.87	K-1190	.353	8.97	K-1162	.403	10.24
K-1061	.214	5.49	K-1117	.311	7.90	K-1113	.354	9.00	K-1163	.404	10.26
K-1062	.215	5.46	K-1118	.312	7.92	K-1191	.355	9.02	K-1164	.405	10.29
K-1185	.2165	5.50	K-1176	.313	7.95	K-1192	.356	9.04	K-1130	.406	10.31
K-1063	.217	5.51	K-1177	.314	7.97	K-1215	.357	9.06	K-1134	.433	11.13
K-1065	.218	5.54	K-1112	.315	8.00	K-1138	.358	9.09	K-1167	.434	11.02
K-1227*	.227	5.77	K-1174	.316	8.03	K-1124	.371	9.42	K-1140	.435	11.05
K-1228	.234	5.94	K-1175	.317	8.05	K-1125	.372	9.45	K-1142	.436	11.07
K-1229	.235	5.96	K-1178	.318	8.08	K-1126	.373	9.47	K-1131	.437	11.10
K-1110	.236	6.00	K-1211	.319	8.10	K-1127	.374	9.50	K-1168	.438	11.13
K-1230	.237	6.02	K-1212	.320	8.12	K-1128	.375	9.52	K-1169	.439	11.15
K-1231	.238	6.04	K-1233	.325	8.25	K-1139	.376	9.55	K-1165	.453	11.51
K-1115	.250	6.35	K-1188	.327	8.31	K-1193	.377	9.58	K-1135	.472	12.00
K-1183	.256	6.50	K-1219	.334	8.48	K-1182	.378	9.60	K-1170	.495	12.57
K-1206	.257	6.53	K-1220	.335	8.51	K-1209	.379	9.63	K-1172	.497	12.62
K-1207	.258	6.55	K-1210	.340	8.63	K-1194	.380	9.65	K-1179	.499	12.67
K-1208	.259	6.58	K-1119	.341	8.66	K-1213	.381	9.68	K-1132	.500	12.70
K-1173	.260	6.60	K-1120	.342	8.69	K-1195	.385	9.78	K-1200	.501	12.72
K-1184	.261	6.63	K-1121	.343	8.71	K-1196	.388	9.86	K-1201	.502	12.75
K-1186	.262	6.65	K-1180	.3435	8.725	K-1197	.390	9.91	K-1198	.561	14.25
K-1232	.274	6.96	K-1122	.344	8.74	K-1205	.393	9.98	K-1133	.562	14.27
K-1111	.275	7.00	K-1123	.345	8.76	K-1114	.394	10.00	K-1202	.625	15.87
K-1214	.276	7.01	K-1136	.346	8.79	K-1129	.396	10.05			
K-1148	.277	7.03	K-1181	.347	8.81	K-1160	.401	10.18			
K-1187	.281	7.14	K-1137	.348	8.84	K-1161	.402	10.21			

* To be used with K-1185 and K-1110 reamers. Corrects guide I.D. on 3L Cadillac Catera, Saab, Saturn and Daewoo heads.






REGIS ARBORS AND REAMERS PROPER USAGE DISCLAIMER All Regis arbors and reamers are made of high-speed steel and with proper care, will average 400 or more guides. However, it is possible to ruin them in one or two guides. Due to the fact that we have no control over how they are used, we cannot guarantee them for any specific time or number of guides.

VALVE GUIDE WORK



CORE DRILLS AND REAMERS FOR SEAT & GUIDE MACHINES

Core drills cut to size which allows Reamers to provide a finished size. All Regis core drills and reamers are made of high speed steel. With the proper care, core drills and reamers will average 400 or more guides, however, it is possible to ruin them in one or two guides with misuse. Due to the fact that we have no control over how they are used, we cannot guarantee them for any specific time or number of guides. **NOTE:** Core Drills and Reamers should be used in matched pairs.

FITS MACHINE / SHANK TYPE	CORE DRILLS				REAMERS			
	I.D.	O.D.	Original No.	Part No.	Pilot I.D.	O.D.	Original No.	Part No.
KWIK-WAY 1/2" Round 	.312	.429	018-1061-08	K-4205	.429	.437	004-0002-00	K-4206
	.312	.492	018-1063-53	K-4210	.492	.500	004-0002-18	K-4214
	.343	.492	018-1062-05	K-4211	.492	.500	004-0002-18	K-4214
	.375	.492	018-1063-02	K-4212	.492	.500	004-0002-18	K-4214
	.343	.553	018-1064-69	K-4223	.553	.5625	004-0002-34	K-4226
	.375	.553	018-1064-77	K-4224	.553	.5625	004-0002-34	K-4226
	.437	.615	018-1064-00	K-4220	.615	.625	004-0002-26	K-4221
	DCM, KANSAS INSTRUMENTS, PETERSON 1/2" Round 	.312	.406	DP-1350	K-4190	.406	.437	RR-713	K-4191
.312		.468	DP-1550	K-4195	.468	.500	RR-115	K-4198
.343		.468	DP-1511	K-4196	.468	.500	RR-115	K-4198
.375		.468	DP-1530	K-4197	.468	.500	RR-115	K-4198
.343		.531	DP-1730	K-4202	.531	.500	RR-916	K-4204
.375		.531	DP-1930	K-4203	.531	.5625	RR-916	K-4204
.437		.594	DP-1970	K-4200	.594	.625	RR-519	K-4201
SUNNEN / TOBIN-ARP 1/2" Round with flat 	.312	.427	VGS-20081	K-4100	.427	.437	VGS-20096	K-4101
	.312	.490	————	K-4104	.490	.500	VGS-20097	K-4107
	.343	.490	VSG-200082	K-4105	.490	.500	VGS-20097	K-4107
	.375	.490	VSG-200083	K-4106	.490	.500	VGS-20097	K-4107
	.343	.554	————	K-4111	.554	.5625	————	K-4114
	.375	.554	————	K-4112	.554	.5625	————	K-4114
	.437	.610	VGS-20084	K-4109	.610	.625	VGS-20098	K-4110
IDL & VAN NORMAN 5/16" Square drive 	.312	.412	DET-1	K-1752	.412	.437	40078	K-1753
	.312	.475	————	K-1758	.475	.500	40079	K-1764
	.343	.475	DET-2	K-1762	.475	.500	40079	K-1764
	.375	.475	DET-3	K-1763	.475	.500	40079	K-1764
	.343	.537	DET-5	K-4228	.537	.5625	40202	K-4231
	.375	.537	————	K-4229	.537	.5625	40202	K-4231
	.437	.610	DET-4	K-1772	.610	.625	40080	K-1773
WINONA .468 Round with flat 	.312	.406	DD-1332	K-4050	.406	.437	DR-437	K-4051
	.312	.468	————	K-4054	.468	.500	DR-500	K-4057
	.343	.468	DD-1532	K-4055	.468	.500	DR-500	K-4057
	.375	.468	DD-1532A	K-4056	.468	.500	DR-500	K-4057
	.343	.531	DD-1732	K-4061	.531	.5625	DR-562	K-4064
	.375	.531	DD-1732A	K-4062	.531	.5625	DR-562	K-4064
	.437	.594	DD-1932	K-4059	.594	.625	DR-625	K-4060

NOTE: 7/16", 1/2" and 9/16" O.D. guides use same catalog number reamer regardless of I.D. size of 5/16", 11/32" or 7/16".



SOLID CARBIDE VALVE GUIDE REAMERS

NEW

Engineered for use on bronze guides. 400 RPM is recommended. Use with bronze reaming oil (B-48). Apply light pressure.

Regis will only guarantee the reamers dimensional accuracy.

Part No.	Size	mm	Part No.	Size	mm	Part No.	Size	mm
CR-2165	.2165	5.50	CR-310	.310	7.87	CR-342	.342	8.69
CR-236	.236	6.00	CR-311	.311	7.90	CR-343	.343	8.71
CR-275	.275	7.00	CR-312	.312	7.92			
CR-276	.276	7.01	CR-341	.341	8.66			



CARBIDE VALVE GUIDE REAMERS

If you have trouble with your reamers binding, dulling or just not cutting properly, try using our carbide-tipped reamers. Cuts both cast and bronze guides —no need to carry both types. Carbide-tipped reamers cut more aggressively and have a substantially longer life. Minimum recommended speed is 500 rpm. A speed reducer is not required.

Part No.	Size	mm	Part No.	Size	mm	Part No.	Size	mm
K-1110C	.236	6.00	K-1120C	.342	8.69	K-1126C	.373	9.47
K-1111C	.275	7.00	K-1121C	.343	8.71	K-1127C	.374	9.50
K-1118C	.312	7.92	K-1122C	.344	8.74	K-1128C	.375	9.52
K-1112C	.315	8.00	K-1138C	.358	9.09			



CARBIDE BORING REAMERS FOR .030" BRONZE-LINERS

Size	Reamer	Complete Assembly	Bushing	Collar	Spring
5/16"	AKB-6	AKB-6C	RK-145	RK-146	CS-100
11/32"	AKB-10	AKB-10C	RK-145	RK-146	CS-100
3/8"	AKB-14	AKB-14C	RK-145	RK-146	CS-100
5.5mm	AKB-5	AKB-5C	RK-147	RK-148	CS-100
6.0mm	AKB-2	AKB-2C	RK-147	RK-148	CS-100
6.6mm	AKB-3	AKB-3C	RK-147	RK-148	CS-100
7.0mm	AKB-4	AKB-4C	RK-145	RK-146	CS-100
8.0mm	AKB-8	AKB-8C	RK-145	RK-146	CS-100
9.0mm	AKB-9	AKB-9C	RK-145	RK-146	CS-100



CORE DRILL COMBO FOR FORD NAVISTAR 6.0

Specially engineered core drill reamer combo with a 3/8" round top drive or a 1/2" round flat drive. These tools have a .274" pilot with a finish ream of .437".

Part No. **CDR-6L**
3/8" round top drive

Part No. **CDR-6L-500**
1/2" round with flat drive

NEW

CORE DRILL FOR CUMMINS 5.9L DIESEL

A specially engineered core drill to work with your Peterson, Kwik-Way or Sunnen seat and guide machine. The core drill pilot is .274" with a finish of .492". Use with your existing 1/2" reamer. Or, use Regis K-4214 to finish ream.

Part No. **R-59CD**





CORE DRILL COMBO FOR CUMMINS 5.9L DIESEL

Specially engineered core drill reamer combo with a .375" round top drive with flat. This tool has a .274" pilot with a finish ream of .500".

Part No. **CDR-59**



CORE DRILL FOR CUMMINS 5.9L DIESEL

A specially engineered core drill to work with your Peterson, Kwik-Way or Sunnen seat and guide machine. The core drill pilot is .274" with a finish of .492". Use with your existing 1/2" reamer. Or, use Regis K-4214 to finish ream.

Part No. **R-59CD**



KNURLING FLUID

Formulated to lubricate valve guides while knurling. Prolongs tool life by lessening wear and friction.

Part No.	Description
RLB-46	Half-pint, Knurling Fluid
RLB-47	Quart, Knurling Fluid
RLB-48	Gallon, Knurling Fluid

CORE DRILL-REAMER

Saves time! With one single pass, this core drill-reamer combo tool will bore guide holes to .500" to accommodate all types of 1/2" aftermarket guides.



Fits Machine / Shank Type	I.D.	O.D.	Part No.
KWIK-WAY 1/2" Round	5/16"	1/2"	CDR-6210
	11/32"	1/2"	CDR-6211
	3/8"	1/2"	CDR-6212
DCM, KI, PETERSON 1/2" Round	5/16"	1/2"	CDR-6195
	11/32"	1/2"	CDR-6196
	3/8"	1/2"	CDR-6197
SUNNEN / TOBIN-ARP Round with flat	5/16"	1/2"	CDR-6104
	11/32"	1/2"	CDR-6105
	3/8"	1/2"	CDR-6106
IDL & VAN NORMAN 5/16" Square drive	5/16"	1/2"	CDR-6761
	11/32"	1/2"	CDR-6762
	3/8"	1/2"	CDR-6763
WINONA .468" Round with flat	5/16"	1/2"	CDR-6054
	11/32"	1/2"	CDR-6055
	3/8"	1/2"	CDR-6056
ROTTLER /SERDI / T&S 3/8" Round with flat	5/16"	7/16"	CDR-7194
	5/16"	1/2"	CDR-7195
	11/32"	1/2"	CDR-7196
	3/8"	1/2"	CDR-7197



KNURLING TOOL

Hand knurling tool ideal for enlarging O.D. on valve guides, rocker arm studs, king pin bushings, etc. Many knurling patterns to increase size from .001 to .010.

Part No.	Description
HK-57	Knurling Tool
HK-57A	Replacement Blade



DIAMOND BRONZE GUIDE SLEEVES

Self-lubricating guide sleeves feature hundreds of indentations formed throughout the inside surface to provide greater lubricant retention over a wider surface area than any other system.

Take 15% off when you order 5 boxes! (May be assorted)

Size	Sleeve I.D.	Finish	Length	Box of 16	Box of 100
5.5mm	0.217"	Standard	2.500"	RGS-2001-D	RGS-2001-1D
6mm	0.236"	Standard	2.500"	RGS-2002-D	RGS-2002-1D
6.6mm	0.261"	Standard	2.500"	RGS-2003-D	RGS-2003-1D
7mm	0.275"	Standard	2.500"	RGS-2004-D	RGS-2004-1D
7mm	0.276"	Standard	2.500"	RGS-2088-D	RGS-2088-1D
5/16"	0.311"	Standard	2.500"	RGS-2006-D	RGS-2006-1D
5/16"	0.311"	Standard	3.062"	RGS-2007-D	RGS-2007-1D
8mm	0.316"	Standard	2.500"	RGS-2009-D	RGS-2009-1D
8mm	0.315"	Undersize	2.500"	RGS-2068-D	RGS-2068-1D
8mm	0.318"	Oversize	2.500"	RGS-2011-D	RGS-2011-1D
8mm	0.316"	Standard	3.062"	RGS-2010-D	RGS-2010-1D
11/32"	0.342"	Standard	2.500"	RGS-2014-D	RGS-2014-1D
11/32"	0.343"	Oversize	2.500"	RGS-2691-D	RGS-2691-1D
11/32"	0.342"	Standard	3.062"	RGS-2015-D	RGS-2015-1D
11/32"	0.344"	Oversize	2.500"	RGS-2016-D	RGS-2016-1D
9mm	0.354"	Standard	2.500"	RGS-2017-D	RGS-2017-1D
3/8"	0.374"	Standard	3.062"	RGS-2021-D	RGS-2021-1D
10mm	0.395"	Standard	3.062"	RGS-2060-D	RGS-2060-1D
11mm	0.434"	Standard	3.062"	RGS-2064-D	RGS-2064-1D
7/16"	0.436"	Standard	3.062"	RGS-2024-D	RGS-2024-1D



SLEEVE REMOVAL TOOL

Relieves two sides of the old guide, neatly and quickly removing the sleeve without touching the original reamed holes, leaving it ready for new installation.

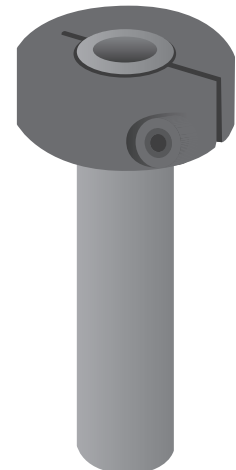
Part No.	Size
RT-1240	5.5mm
RT-1244	5/16"
RT-1246	11/32"
RT-1248	3/8"
RT-1241	6mm
RT-1242	6.6mm
RT-1243	7mm
RT-1245	8mm
RT-1247	9mm
RT-1249	10mm
RT-1250	7/16"



BRONZE LUBE OIL

Use when spiraling and reaming bronze guide sleeves. Extends arbor and reamer life.

Part No.	Description
B-47	One pint, Bronze Lube Oil
B-48	One quart, Bronze Lube Oil
B-49	One gallon, Bronze Lube Oil



VALVE GUIDE TOP COLLAR

Collar supports the valve guide top during machining and helps protect against breakage or damage.

Part No.	Size	Range
VC-500	.500"	.496" - .504"
VC-530	.530"	.526" - .534"
VC-566	.566"	.562" - .570"



BRONZE GUIDE SLEEVE INSTALLATION KITS

FOR STANDARD .030" GUIDE SLEEVES

- Carbide reamer included with each kit
- Bores guide hole in seconds
- Sleeve installation is fast and simple using the auto driver tool
- Two Bullit-Balls® size the inside diameter of the guide sleeve
- Trimming tool cuts guide sleeve to correct length
- Flexhone included for final finish
- Ball Pusher tool to drive sizing devices
- Optional self-centering seat bushings are also available.

RKS-1600 - 5/16" VALVE SIZE

Includes items listed below.
Purchase seat bushings separately.

AKB-6	Carbide Boring Reamer
AD-1103	Auto Driver
BP-1121	Pneumatic Ball Pusher
RK-145	Reamer Bushing
RK-146	Reamer Collar
RVF-315	Flex-Hone
K-1036	Brush
BB-3125	Bullit-Ball®
BB-313	Bullit-Ball®
K-1787	Trim Tool
BT-3007	Plastic case

RKS-1601 - 11/32" VALVE SIZE

Includes items listed below.
Purchase seat bushings separately.

AKB-10	Carbide Boring Reamer
AD-1104	Auto Driver
BP-1121	Pneumatic Ball Pusher
RK-145	Reamer Bushing
RK-146	Reamer Collar
RVF-354	Flex-Hone
K-1036	Brush
BB-3445	Bullit-Ball®
BB-345	Bullit-Ball®
K-1797	Trim Tool
BT-3007	Plastic case

RKS-1602 - 3/8" VALVE SIZE

Includes items listed below.
Purchase seat bushings separately.

AKB-14	Carbide Boring Reamer
AD-1106	Auto Driver
BP-1121	Pneumatic Ball Pusher
RK-145	Reamer Bushing
RK-146	Reamer Collar
RVF-394	Flex-Hone
K-1036	Brush
BB-3745	Bullit-Ball®
BB-375	Bullit-Ball®
K-1807	Trim Tool
BT-3007	Plastic case

RKS-1604 - 5.5mm VALVE SIZE

Includes items listed below.
Purchase seat bushings separately.

AKB-5	Carbide Boring Reamer
AD-1050	Auto Driver
BP-1120	Pneumatic Ball Pusher
RK-147	Reamer Bushing
RK-148	Reamer Collar
RCF-6MM	Flex-Hone
K-1036	Brush
BB-2165	Bullit-Ball®
BB-2175	Bullit-Ball®
BB-218	Bullit-Ball®
BT-3007	Plastic case

RKS-1605 - 6mm VALVE SIZE

Includes items listed below.
Purchase seat bushings separately.

AKB-2	Carbide Boring Reamer
AD-1100	Auto Driver
BP-1120	Pneumatic Ball Pusher
RK-147	Reamer Bushing
RK-148	Reamer Collar
RVF-250	Flex-Hone
K-1036	Brush
BB-237	Bullit-Ball®
BB-238	Bullit-Ball®
K-1824	Trim Tool
BT-3007	Plastic case

RKS-1606 - 6.6mm VALVE SIZE

Includes items listed below.
Purchase seat bushings separately.

AKB-3	Carbide Boring Reamer
AD-1101	Auto Driver
BP-1122	Pneumatic Ball Pusher
RK-147	Reamer Bushing
RK-148	Reamer Collar
RVF-276	Flex-Hone
K-1036	Brush
BB-261	Bullit-Ball®
BB-262	Bullit-Ball®
K-3205	Trim Tool
BT-3007	Plastic case

NOTE: Use K-1280 and pilot to trim liner.



SELF-CENTERING SEAT BUSHINGS

Part No.	Diameter
60 DEGREE SEAT COLLARS	
SB-100	1" Seat Collar
SB-114	1 $\frac{1}{4}$ " Seat Bushing
SB-112	1 $\frac{1}{2}$ " Seat Bushing
SB-134	1 $\frac{3}{4}$ " Seat Bushing
SB-214	2 $\frac{1}{4}$ " Seat Bushing

COBALT POWER GUIDE TRIMMER

Use this versatile tool for trimming Bronze-Liners, as well as thinwall cast. Use freehand with low rpm drill motor. Pilots sold separately



Part No.	Description
K-1280	Guide Trimmer
PTP-5	Pilot for 5.5mm & 6mm
PTP-6	Pilot for 6.6mm & 7mm
PTP-8	Pilot for 8mm & $\frac{5}{16}$ "
PTP-9	Pilot for 9mm & $\frac{11}{32}$ "
PTP-10	Pilot for 10mm & $\frac{3}{8}$ "
PTP-11	Pilot for 11mm & $\frac{7}{16}$ "

RKS-1607 - 7mm VALVE SIZE

Includes items listed below. Purchase seat bushings separately.

AKB-4	Carbide Boring Reamer
AD-1102	Auto Driver
BP-1122	Pneumatic Ball Pusher
RK-147	Reamer Bushing
RK-148	Reamer Collar
RVF-276	Flex-Hone
K-1036	Brush
BB-277	Bullit-Ball®
BB-278	Bullit-Ball®
K-1897	Trim Tool
BT-3007	Plastic case

RKS-1608 - 8mm VALVE SIZE

Includes items listed below. Purchase seat bushings separately.

AKB-8	Carbide Boring Reamer
AD-1103	Auto Driver
BP-1122	Pneumatic Ball Pusher
RK-145	Reamer Bushing
RK-146	Reamer Collar
RVF-315	Flex-Hone
K-1036	Brush
BB-316	Bullit-Ball®
BB-317	Bullit-Ball®
K-1787	Trim Tool
BT-3007	Plastic case

RKS-1609 - 9mm VALVE SIZE

Includes items listed below. Purchase seat bushings separately.

AKB-9	Carbide Boring Reamer
AD-1105	Auto Driver
BP-1122	Pneumatic Ball Pusher
RK-145	Reamer Bushing
RK-146	Reamer Collar
RVF-354	Flex-Hone
K-1036	Brush
BB-355	Bullit-Ball®
BB-356	Bullit-Ball®
K-4010	Trim Tool
BT-3007	Plastic case

VALVE GUIDE WORK



BULLIT-BALLS®

Regis Bullit-Balls® are the ultimate in sizing precision and durability. Tungsten carbide balls with a permanently attached steel shank are in the 90 rockwell range. Precision machined to exact specifications. Finished to .0000008" (eight millionths of an inch) perfect roundness.

When using bronze valve guides, remember the finished I.D. of the sleeve will be .001" smaller than actual ball size.

Part No.	Description	Part No.	Description
BB-2165	5.5mm .2165"	BB-3445	11/32" .3445"
BB-2175	5.5mm .2175"	BB-345	11/32" .345"
BB-218	5.5mm .218"	BB-346	11/32" .346"
BB-237	6mm .237"	BB-354	9mm .354"
BB-238	6mm .238"	BB-355	9mm .355"
BB-260	6.6mm .260"	BB-356	9mm .356"
BB-261	6.6mm .261"	BB-372	3/8" .372"
BB-262	6.6mm .262"	BB-373	3/8" .373"
BB-263	6.6mm .263"	BB-374	3/8" .374"
BB-276	7mm .276"	BB-3745	3/8" .3745"
BB-277	7mm .277"	BB-375	3/8" .375"
BB-278	7mm .278"	BB-3755	3/8" .3755"
BB-312	5/16" .312"	BB-376	3/8" .376"
BB-3125	5/16" .3125"	BB-395	10mm .395"
BB-313	5/16" .313"	BB-396	10mm .396"
BB-315	8mm .315"	BB-434	11mm .434"
BB-316	8mm .316"	BB-435	11mm .435"
BB-317	8mm .317"	BB-436	7/16" .436"
BB-343	11/32" .343"	BB-437	7/16" .437"
BB-344	11/32" .344"	BB-438	7/16" .438"

AUTO DRIVER

FOR BRONZE LINER INSTALLATION

Gain speed and simplicity during installation. Holder/driver combo tool eliminates holder loading and allows one-handed installation. Drivers are longer to accommodate deep pocket heads.



Part No.	Size
AD-1050	5.5mm
AD-1100	6mm
AD-1101	6.6mm
AD-1102	7mm
AD-1103	5/16" & 8mm
AD-1104	11/32"
AD-1105	9mm
AD-1106	3/8"
AD-1107	10mm
AD-1108	7/16"

P.E.R. STYLE PNEUMATIC BALL PUSHER

For production engine rebuilders who prefer having a tool that locks into the spring or holder.



Part No.	Description
BP-1120	5.5mm & 6mm sleeves
BP-1121	3/8", 11/32", 8mm & 5/16" sleeves
BP-1122	6.6mm & 7mm sleeves
BP-1123	7/16" and larger sleeves



VALVE GUIDE FLEX-HONES®

Part No.	Size	mm
STANDARD, 120 GRIT		
RVF-250	1/4"	6.4
RVF-276	9/32"	7.0
RVF-315	5/16"	8.0
RVF-354	11/32"	9.0
RVF-394	3/8"	10.0
RVF-433	7/16"	11.0
STANDARD, 180 GRIT		
RCF-4MM	—	4.0
RCF-4.5MM	—	4.5
RCF-5MM	—	5.0
RCF-5.5MM	—	5.5
RCF-6MM	—	6.0

For Our Complete Selection of Flex-Hones See Page 111

DIAMOND VALVE GUIDE FLEX-HONES®

Engineered to create a near mirror finish. They are made from resin bond diamond crystals that equal out to be a 400-grit Flex-Hone. Other grits available by special order.

Part No.	mm	Inches
RVFD-157	4.0	0.157"
RVFD-177	4.5	0.177"
RVFD-197	5.0	0.197"
RVFD-217	5.5	0.217"
RVFD-250	6.4	0.250"
RVFD-276	7.0	0.276"
RVFD-315	8.0	0.315"
RVFD-354	9.0	0.354"
RVFD-394	10.0	0.394"
RVFD-433	11.0	0.433"
RVFD-472	12.0	0.472"



VALVE GUIDE SLEEVE INSTALLATION TOOLS

HEAVY-DUTY AIR HAMMER

Install or remove valve guides easily with this high impact, heavy-duty air hammer. Short, rapid strokes and uniform driving pressure minimizes guide end distortion and breakage. **Specifications:** .401 opening, weighs 3 lbs. 3 oz., 2500 rpm, 6.25" overall length, 4 cfm air consumption.

Part No. **K-2680**

QUICK-CHANGE RETAINER SPRING

Fits chisels with forward end width of 1/2" or less.

Part No. **AT-2557**



VALVE GUIDE TOP CUTTER

FOR CAST IRON VALVE GUIDES

Heavy carbide blades quickly shorten or face cast iron guides with ease. For use with any 3/8" or 1/2" electric drill.

Order cutter head and pilots separately



Part No.	Description
1270	Cutter Head
SMOOTH I.D. PILOTS	
1270A	5/16" - 8mm
1270B	11/32"
1270C	3/8"
1270D	7/16"
1270E	1/2"
SPIRALED I.D. PILOTS	
1271A	5/16" - 8mm
1271B	11/32"
1271C	3/8"
1271D	7/16"
1271E	1/2"

VALVE GUIDE WORK

MANUAL VALVE GUIDE DRIVERS

Remove and install thin-wall cast iron guides by hand. Tool steel construction for durable use and long life.

Part No.	Guide ID	Driver OD	Pilot OD
STANDARD VALVE GUIDE DRIVERS (inch – mm)			
K-1754	.312" 7.92	.422" 10.7	.305" 7.75
K-1757	.312" 7.92	.487" 12.4	.302" 7.67
K-1765	.343" 8.71	.487" 12.4	.336" 8.53
K-1766	.372" 9.47	.487" 12.4	.367" 9.32
K-1774	.437" 11.10	.611" 15.5	.428" 10.87
METRIC VALVE GUIDE DRIVERS (mm – inch)			
2263	5.0 .196"	9.0 .355"	4.75 .187"
2264	5.5 .217"	10.5 .412"	5.21 .205"
2265	6.0 .236"	10.5 .412"	5.72 .225"
2266	6.5 .256"	11.8 .463"	6.30 .248"
2267	7.0 .275"	11.0 .432"	6.60 .260"
2270	8.0 .315"	11.7 .462"	7.80 .307"

AIR IMPACT VALVE GUIDE DRIVERS

Designed for air hammer to install or remove cast iron valve guides. Heavy-duty .401 Parker shank fits all standard impact drivers.

Part No.	Guide ID	Driver OD	Pilot OD
STANDARD VALVE GUIDE DRIVERS (inch – mm)			
3005A	.312" 7.92	.487" 12.4	.300" 7.62
3005	.312" 7.92	.423" 10.7	.304" 7.72
3006	.343" 8.71	.487" 12.4	.337" 8.56
3007	.372" 9.47	.487" 12.4	.367" 9.32
3008	.437" 11.10	.612" 15.5	.429" 10.90
METRIC VALVE GUIDE DRIVERS (mm – inch)			
2991	5.0 .196"	9.0 .355"	4.75 .187"
2992	5.5 .217"	10.5 .412"	5.21 .205"
2992A	6.0 .236"	10.5 .412"	5.72 .225"
2993	6.6 .260"	11.8 .463"	6.30 .248"
3001	7.0 .275"	11.0 .432"	6.60 .260"
3002	8.0 .315"	11.7 .462"	7.80 .307"

DIESEL VALVE GUIDE DRIVERS

Remover and Installer Drivers

Designed to ensure proper guide height each and every time. Driving directly from the shoulder eliminates the need for reaming after installation.

Application	Part No. Installer	Guide ID Installer	Guide OD Installer	Part No. Remover	Guide ID Remover	Guide OD Remover
Cummins ISX	GIC-ISX	0.670	0.985	GRC-ISX	0.375	0.570
Cummins 8.3 CT	GIC-8.3	0.503	0.552	GRD-71	0.304	0.491
Cummins	GIC	0.503	0.752	GRCI	0.450	0.595
Caterpillar 3116	GI-3116	0.475	0.515	GRD-71	0.304	0.491
Caterpillar 3126	GI-3126	0.506	0.633	GRCI	0.354	0.595
Caterpillar 3306	GI-3306	0.506	0.660	GRCI	0.354	0.595
Caterpillar 3406/3408	GI-3406/8	0.506	0.709	GRCI	0.354	0.595
Caterpillar 3406/3408B	GI-3468B	0.506	0.632	GRCI	0.354	0.595
International DT466	GIDT-466	0.440	0.640	GRCI	0.354	0.595
Detroit 60 Series	GID-60	0.570	0.985	GRD-60	0.335	0.500

Installer Driver

Removal Driver



EXTRA-LONG VALVE GUIDE DRIVERS

Overall length of each driver is 9".

Part No.	Guide ID	Driver OD	Pilot OD
STANDARD VALVE GUIDE DRIVERS (inch - mm)			
L-3005	.312" 7.92	.487" 12.4	.300" 7.62
L-3006	.343" 8.73	.487" 12.4	.337" 8.56
L-3007	.372" 9.47	.487" 12.4	.367" 9.32
METRIC VALVE GUIDE DRIVERS (mm - inch)			
L-2991	5.0 .196"	9.0 .355"	4.75 .187"
L-2992	5.5 .217"	10.5 .412"	5.21 .205"
L-2992A	6.0 .236"	10.5 .412"	5.72 .225"
L-2993	6.6 .260"	11.8 .463"	6.29 .248"
L-3001	7.0 .275"	11.0 .432"	6.60 .260"
L-3002	8.0 .315"	11.7 .462"	7.80 .307"



LONG REACH VALVE STEM SEAL PLIERS



Swivel action allows you to reach down at any angle to grab the spark plug boot or valve stem seal and use leverage to remove it without damage.

This long reach pliers has a swivel action that allows you to reach down at any angle to grab the valve stem seal. Jaw tip has a thin ledge for hooking underneath the stem seal. Also has vertical raised ridges inside the jaws to aid in gripping the outside diameter of the valve stem seal. This tool can also be used to remove spark plug boots.

Part No. **SP-65350**



4" UNIVERSAL VALVE GUIDE LEVEL

Fits All Popular Pilot Top Sizes

Top-quality valve guide level features a graduated 4" vial.

Part No. **TSL-6**

Replacement Vial

Part No. **TSL-V**



MANUAL VALVE STEM RING FILER

Abrasive wheel produces clean finish. V-groove accommodates valve stem ends. Also files piston rings to the proper specs quickly and easily.

Part No.	Description
RF-100	Manual Valve Stem/Ring Filer
RF-WHEEL	Replacement Wheel



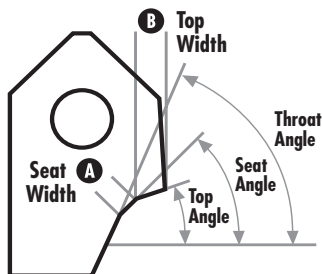
VALVE STEM SEAL PLIERS



Removes valve stem seals used on most overhead camshaft engines with ease. Pliers reach around the valve stem into the confined area of the seal to grip it for removal. Gripping serrations in the tip enables these pliers to grasp both original equipment and after market seals, regardless of their configuration. Heat-treated steel construction and easy-grip handles.

Part No. **SP-92350**

CARBIDE TIPS FOR 3-ANGLE SEAT CUTTING SYSTEMS

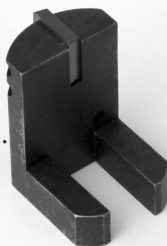


Regis top-quality carbide tips are CNC machined one at a time to ensure perfect angle accuracy and consistency. The finest quality carbide is also specially treated to make the cutting edges of the tips as strong as possible.

Regis Carbide Tips can be used with all current 3-angle seat cutting systems, as well as Goodson, Serdi, T&S and Rottler machines.

UNIVERSAL SPRING PAD CUTTER

Cut spring pads with your 3-angle seat cutting system (works with all current systems). Tool holders include one square blade.



Part No.	Description
R3-SPC375	3/8" Spring Pad Cutter
R3-SPC500	1/2" Spring Pad Cutter
R3-SPCB375	3/8" Replacement Square Blade
R3-SPCB500	1/2" Replacement Square Blade

Part No.	Old #	Newen #	Rottler	Seat Width		Top Width		Seat Angle	Top Angle	Throat Angle
				mm	Inches	mm	Inches			
R-4445-A1		WA1-NWN4445	RCA-068	1.0	.039	1.0	.039	45	15	60
R-1101-A1		WA1-NWN1101	RCA-065	1.0	.039	1.0	.039	45	25	60
R-4028-A1	R-11	WA1-NWN4028	RCA-001	1.0	.039	1.2	.047	45	30	60
R-1102-A1	R-36	WA1-NWN1102	RCA-035	1.0	.039	1.4	.055	45	25	60
R-4030-A1	R-10	WA1-NWN4030	RCA-038	1.0	.039	1.6	.063	45	35	55
R-4031-A1	R-9	WA1-NWN4031	RCA-039	1.0	.039	1.6	.063	45	35	60
R-1103-A1	R-37	WA1-NWN1103	RCA-036	1.0	.039	1.8	.071	45	25	60
R-4090-A1		WA1-NWN4090	RCA-056	1.0	.039	1.8	.071	45	30	60
R-4303-A1		WA1-NWN4303	RCA-002	1.0	.039	2.0	.079	45	30	60
R-4182-A1		WA1-NWN4182	RCA-084	1.2	.047	1.2	.047	45	30	60
R-4032-A1	R-3	WA1-NWN4032	RCA-041	1.3	.051	1.0	.039	45	30	60
R-4480-A1		WA1-NWN4480	RCA-004	1.3	.051	1.6	.063	45	30	60
R-4034-A1	R-8	WA1-NWN4034	RCA-005	1.3	.051	2.0	.079	45	30	52
R-4035-A1	R-27	WA1-NWN4035	RCA-040	1.3	.051	2.0	.079	45	30	60
R-4033-A1	R-26	WA1-NWN4033	RCA-005	1.3	.051	2.0	.079	45	37	52
R-4036-A1	R-13	WA1-NWN4036	RCA-042	1.4	.055	1.0	.039	45	30	60
R-4109-A1		WA1-NWN4109	RCA-060	1.5	.059	1.0	.039	45	15	60
R-4094-A1		WA1-NWN4094		1.5	.059	1.0	.039	45	30	60
R-4241-A1		WA1-NWN4241	RCA-079	1.5	.059	1.4	.055	45	25	52
R-4003-A1	R-43	WA1-NWN4003	RCA-061	1.5	.059	1.4	.055	45	25	60
R-4038-A1	R-1	WA1-NWN4038	RCA-043	1.5	.059	1.8	.071	45	30	60
R-4177-A1		WA1-NWN4177	RCA-010	1.5	.059	2.0	.079	45	30	60
R-4039-A1	R-12	WA1-NWN4039	RCA-047	1.6	.063	1.0	.039	45	30	60
R-4040-A1	R-29	WA1-NWN4040	RCA-021	1.6	.063	2.0	.079	45	30	60
R-4007-A1		WA1-NWN4007	RCA-075	1.8	.071	1.0	.039	45	30	60
R-4041-A1	R-14	WA1-NWN4041	RCA-049	1.8	.071	1.6	.063	45	30	60
R-4306-A1		WA1-NWN4306	RCA-025	1.9	.075	1.2	.047	45	30	60
R-4042-A1	R-15	WA1-NWN4042	RCA-029	1.9	.075	2.0	.079	45	30	60
R-4043-A1	R-7	WA1-NWN4043	RCA-053	2.0	.079	1.2	.047	45	30	60
R-1202-A1	R-38	WA1-NWN1202	RCA-051	2.0	.079	1.4	.055	45	25	60
R-4006-A1		WA1-NWN4006	RCA-066	2.0	.079	1.5	.059	45	30	60
R-4097-A1		WA1-NWN4097		2.0	.079	2.0	.079	45	30	60
R-1252-A1	R-39	WA1-NWN1252	RCA-054	2.5	.098	1.4	.055	45	25	60
R-5183-A1		Z6A1-NWN5183	RCA-721	2.0	.079	1.8	.071	20	0	60
R-5467-A1	R-35	WA1-NWN5467			.098		.079	20	11	60
R-3062-A1	R-19	WA1-NWN3062	RCA-321	1.0	.039	1.6	.063	30	20	52
R-3023-A1	R-2	WA1-NWN3023	RCA-300	1.3	.051	1.0	.039	30	15	45
R-2152-A1	R-41	WA1-NWN2152	RCA-334	1.5	.059	1.4	.055	30	15	60
R-2153-A1	R-42	WA1-NWN2153	RCA-323	1.5	.059	1.8	.071	30	15	60
R-3024-A1	R-21	WA1-NWN3024	RCA-322	1.5	.059	2.0	.079	30	0	60
R-3025-A1	R-20	WA1-NWN3025	RCA-325	1.5	.059	3.0	.118	30	20	60
R-3026-A1	R-28	WA1-NWN3026	RCA-309	1.6	.063	2.0	.079	30	15	45
R-3027-A1	R-16	WA1-NWN3027	RCA-331	1.8	.071	1.4	.055	30	15	60
R-3072-A1	R-30	WA1-NWN3072	RCA-313	1.9	.075	1.0	.039	30	15	45
R-3010-A1		WA1-NWN3010	RCA-346	1.9	.075	1.8	.071	30	15	60
R-3029-A1	R-17	WA1-NWN3029	RCA-314	1.9	.075	2.0	.079	30	30	60
R-2202-A1	R-22	WA1-NWN2202	RCA-326	2.0	.079	1.4	.055	30	15	60

Part No.	Old #	Newen #	Rottler #	Seat Width		Top Width		Seat Angle	Top Angle	Throat Angle
				mm	Inches	mm	Inches			
R-2252-A1		WA1-NWN2252		2.5	.098	1.4	.055	30	15	60
R-3032-A1	R-18	WA1-NWN3032	RCA-329	2.5	.098	2.0	.079	30	15	60
R-4994-A1		WA1-NWN4994		1.5	.059	1.4	.055	37.5	25	75
R-5414-A1 NEW		WA1-NWN5414		1.6	.63	1.4	.055	37.5	30	60
R-5415-A1		WA1-NWN5415		1.6	.063	2.0	.079	37.5	30	60
R-5006-A1	R-33	WA1-NWN5006	RCA-406	1.8	.071	1.2	.047	37.5	20	52
R-5416-A1 NEW		WA1-NWN5416		1.9	.075	1.4	.055	37.5	30	60
R-5417-A1		WA1-NWN5417		2.0	.079	2.0	.079	37.5	30	60

SPECIALTY CARBIDE TIPS

PROFILE DRAWINGS ON THE NEXT 2 PAGES

Part No.	Old #	Newen #	Rottler#	Description
R-5118-A1	R-50	WA1-NWN5118	RCA-623	Exhaust profile, narrow seat - see profile drawing
R-5120-A1	R-52	WA1-NWN5120	RCA-662	Exhaust profile, narrow seat - see profile drawing
R-5119-A1	R-51	WA1-NWN5119	RCA-656	Exhaust profile, wide seat - see profile drawing
R-268-B4	R-58	WB4-NWN268		45° seat angle - see profile drawing
R-215-B4		WB4-NWN215	RCB-652	45° seat angle - see profile drawing
R-4038-B4		WB4-NWN4038		45° seat angle - see profile drawing
R-60079-B3		WB3-NWN60079		High-performance - see profile drawing
R-802-B1 NEW		WB1-NWN802		High-performance - see profile drawing
R-828-B3		WB3-NWN828		High-performance - see profile drawing
R-60009-B3		WB3-NWN60009		High-performance - see profile drawing
R-60045-B3		WB3-NWN60045		High-performance - see profile drawing
R-069-B1		WB1-NWN069	RCB-601	High-performance - see profile drawing
R-005-B3	R-56	WB3-NWN005	RCB-608	High-performance - see profile drawing
R-073-B1		WB1-NWN073	RCB-605	High-performance - see profile drawing
R-072-B1		WB1-NWN072	RCB-604	High-performance - see profile drawing
R-55-B1	R-55	WB3-NWN003	RCB-607	High-performance - see profile drawing
R-390-B1		WB1-NWN390		High-performance - see profile drawing
R-985-B3		WB3-NWN985		High-performance - see profile drawing
R-111-B4	R-57	WB4-NWN111		For small 4-valve auto head (*Min. .900" diameter with no pilot obstruction, .965" with .385" pilot.)
R-5121-A1	R-53	WA1-NWN5121	RCA-614	Radius - see profile drawing
R-002-B3	R-54	WB3-NWN002	RCB-621	Radius - see profile drawing
R-033-B3		WB3-NWN033	RCB-622	Radius - see profile drawing
R-21050-A1	R-5	WA1-NWN21050	RCA-655	Radius - 5mm radius cutter, see profile drawing
R-15-A1 NEW		WA1-NWN15		Single Angle - 15° straight cutter; 8.50mm (.335")
R-20-A1	R-40	WA1-NWN20	RCA-501	Single Angle - 20° straight cutter; 8.20mm (.323")
R-30-A1	R-31	WA1-NWN30	RCA-502	Single Angle - 30° straight cutter; 9.00mm (.354")
R-35-A1		WA1-NWN35		Single Angle - 35° straight cutter; 9.50mm (.374")
R-37-A1 NEW		WA1-NWN37		Single Angle - 37° straight cutter; 9.30mm (.366")
R-39-A1		WA1-NWN39		Single Angle - 39° straight cutter; 9.00mm (.354")
R-45-A1	R-32	WA1-NWN45	RCA-503	Single Angle - 45° straight cutter; 8.90mm (.350")
R-50-A1		WA1-NWN50		Single Angle - 50° straight cutter; 8.55mm (.337")
R-55-A1 NEW		WA1-NWN55		Single Angle - 55° straight cutter; 8.55mm (.337")
R-60-A1 NEW		WA1-NWN60		Single Angle - 60° straight cutter; 8.40mm (.331")
R-70-A1	R-4	WA1-NWN70	RCA-522	Single Angle - 70° straight cutter; 7.75mm (.305")
R-75-A1		WA1-NWN75	RCA-507	Single Angle - 75° straight cutter; 7.00mm (.276")
R-082-B3 NEW		WB3-NWN082		Single Angle - 82° straight cutter; 11.50mm (.453")
R-90-12-A1		WA1-NWN90-12	RCA-511	Single Angle - see profile drawing
R-90-16-A1	R-24	WA1-NWN90-16	RCA-512	Single Angle - 90° counter boring cutter; R 0.80mm (0.031"), Tan 0°-94°, nose radius best for aluminum applications.



TIP HOLDER CONVERTER FOR MIRA OR SUNNEN

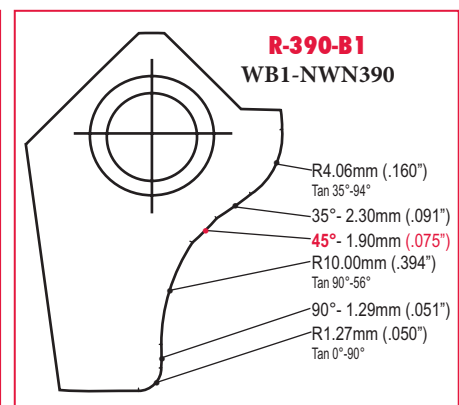
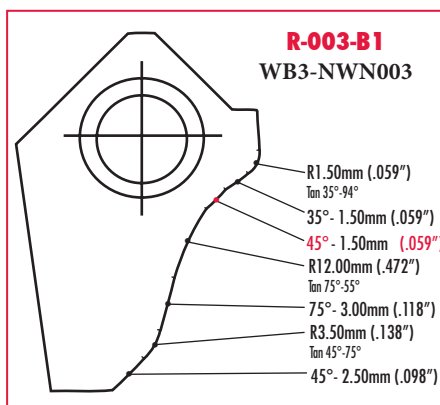
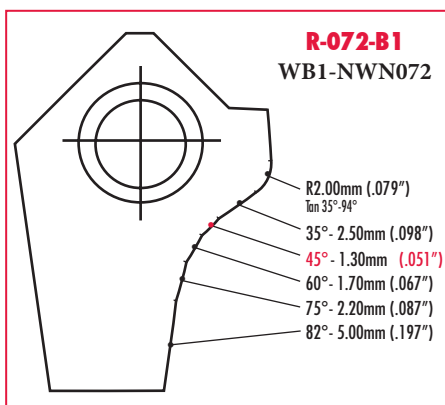
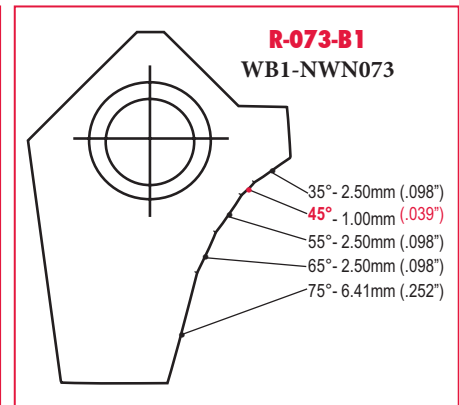
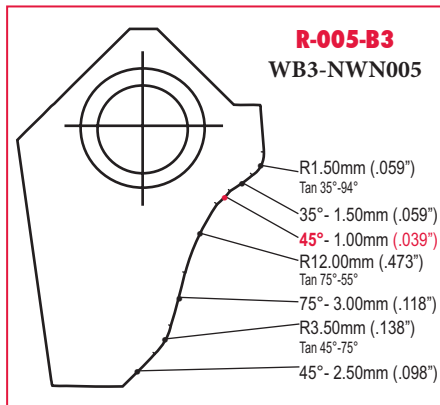
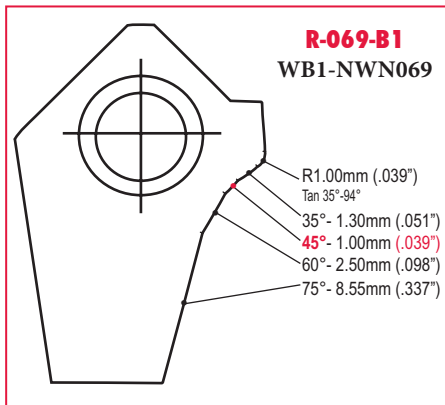
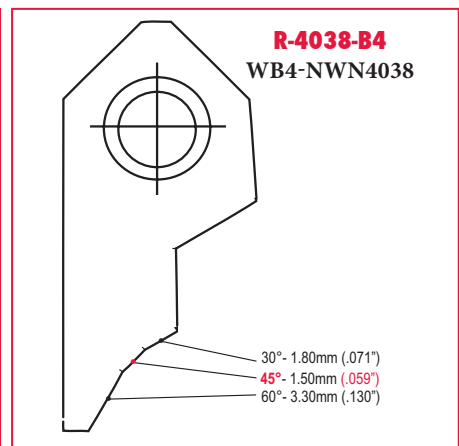
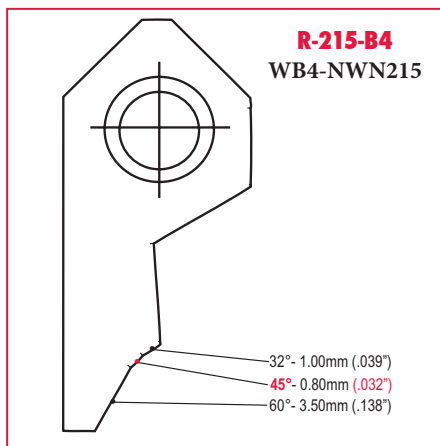
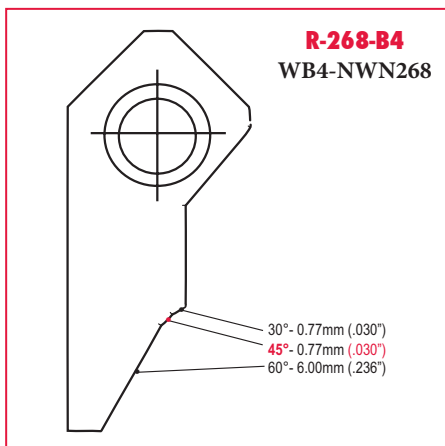
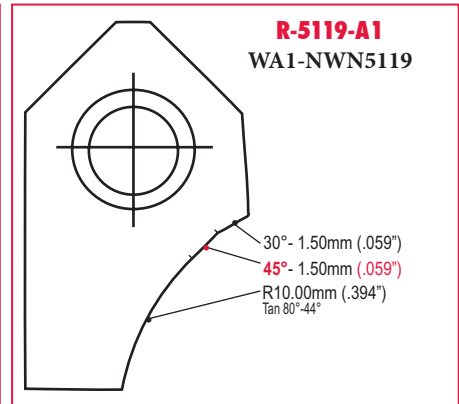
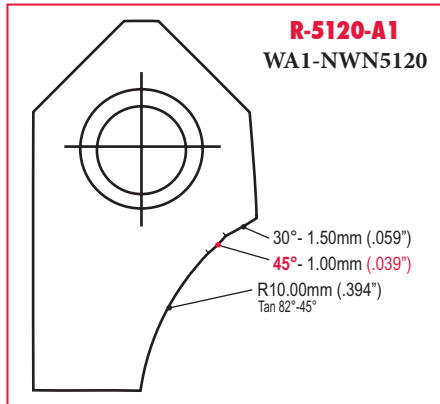
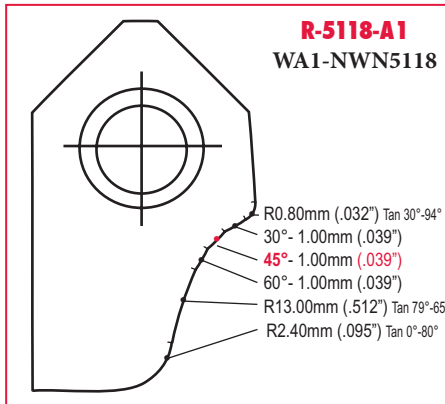
Convert your Mira and Sunnen solid brazed seat cutters to our replaceable carbide tips.



Part No.	Description
R3-MH	For MIRA
R3-SH	For Sunnen (VSC series)
R3-B-SCREW	Replacement Screw

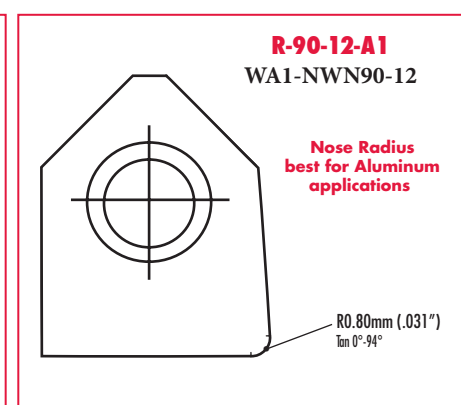
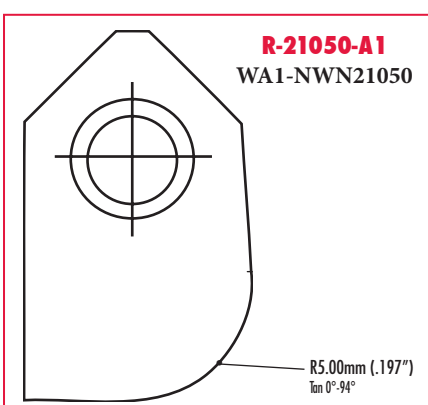
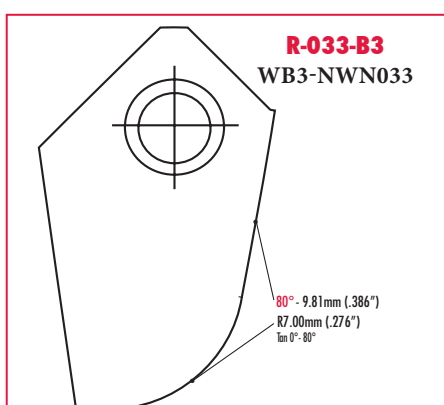
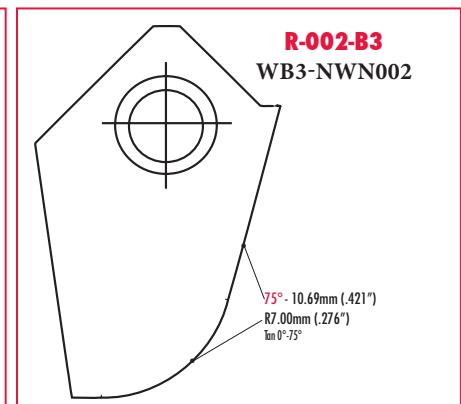
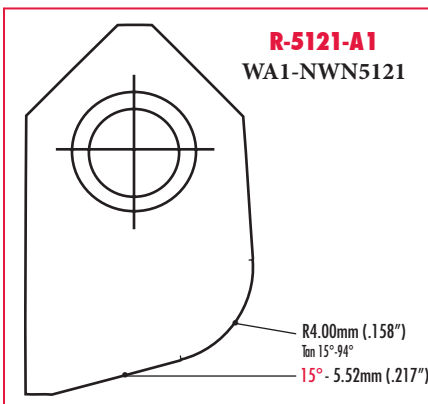
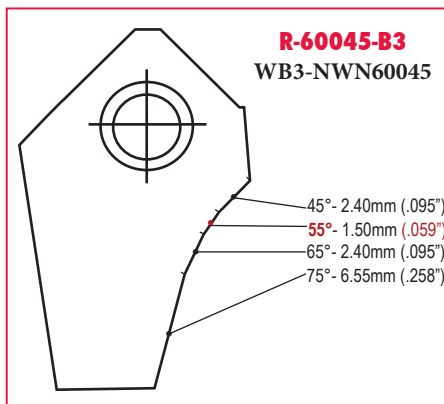
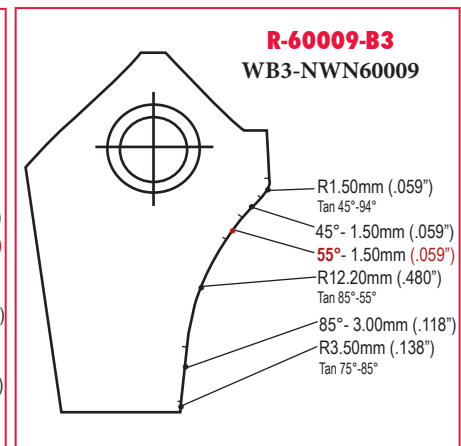
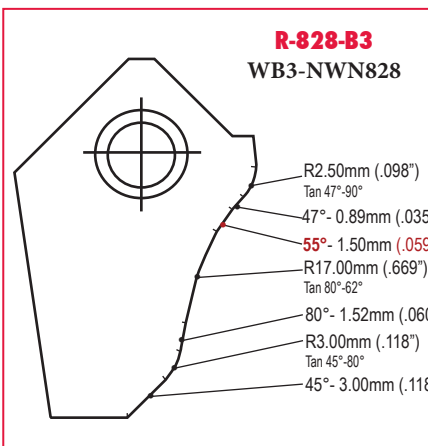
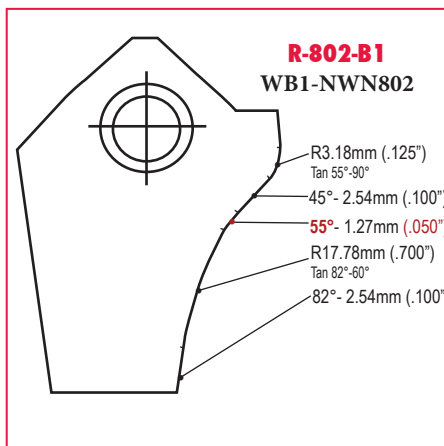
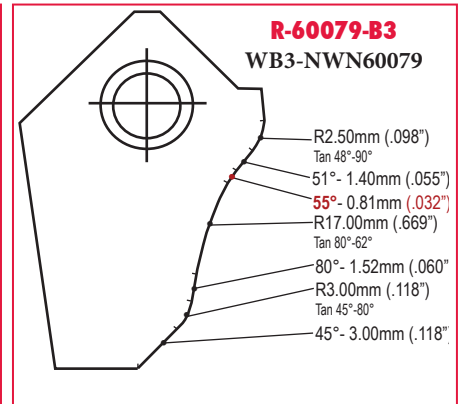
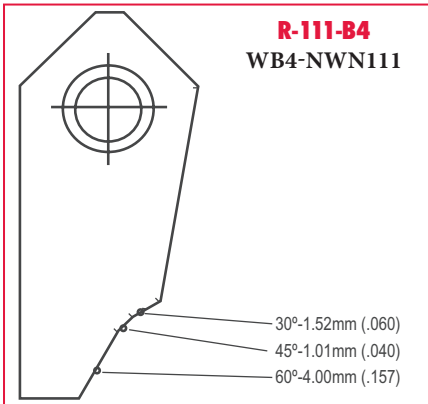
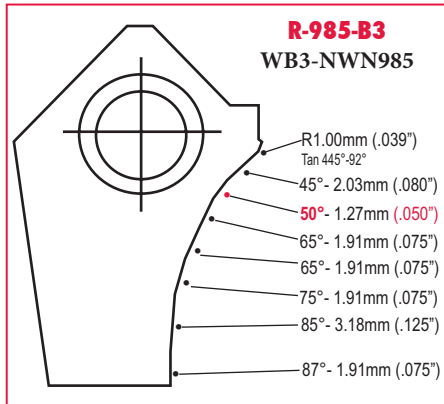


CARBIDE TIP PROFILE DRAWINGS





CARBIDE TIP PROFILE DRAWINGS



"R3" PRECISION-GROUND 3-ANGLE SEAT CUTTING SYSTEM

Uses your existing seat grinding pilots with top size of .375", .385", .390" or .437".

Regis tooling is compatible with Goodson, Kwik-Way, Neway, Newen, Peterson, Rottler, Serdi, Sunnen, T&S, Winona Van Norman, etc.

NOTE: Not interchangeable with our "TS" 3-angle seat cutting tooling (featured on opposite page).



R3-BH375



R3-BH375L



R3-BH375W



R3-5100



R3-SUN

KITS INCLUDE:
 (1) Ball Head
 (3) Tip Holders*
 (4) Carbide Tips
 (1) Tool Setting Fixture
 (1) Blade Mounting Screw
 (1) Blade Wrench
 (1) Spring Set
 (1) 1/8" Hex Key
 (1) 2.5mm Hex Key
 (1) 3/32" Hex Key
ORDER DRIVE ADAPTERS SEPARATELY.



R3-CM3



R3-CM4



R3-3/4SS



R3-2000



R3-2002



R3-2004

Part No.	Description
3-ANGLE SEAT CUTTING KITS - Order Drive Adapters Separately	
R3-375-KIT	Fits Pilot Size .375" (9.53mm)
R3-385-KIT	Fits Pilot Size .385" (9.78mm)
R3-390-KIT	Fits Pilot Size .390" (9.90mm)
BALL HEADS	
R3-BH375	Ball Head .375" (9.53mm) *INCLUDED IN R3-375-KIT
R3-BH385	Ball Head .385" (9.78mm) *INCLUDED IN R3-385-KIT
R3-BH390	Ball Head .390" (9.90mm) *INCLUDED IN R3-390-KIT
R3-BH375W	Large Ball Head Tool Body .375" (9.53mm)
R3-BH385W	Large Ball Head Tool Body .385" (9.78mm)
R3-BH375L	Extended Length Ball Head Tool Body .375" (9.53mm)
R3-BH385L	Extended Length Ball Head Tool Body .385" (9.78mm)
R3-5100	Serdi-Style Tool Body - Standard
R3-5300	Serdi-Style Tool Body - Large
TIP HOLDERS	
R3-2000	Tip Holder .709" - 1.181" (18-30mm) *STANDARD IN KITS
R3-2001	Tip Holder 1.02" - 1.653" (26-42mm) *STANDARD IN KITS
R3-2002	Tip Holder 1.575" - 2.362" (40-60mm) *STANDARD IN KITS
R3-2003	Wide Body Ball Head Tip Holder 1.575" - 2.362" (40mm-60mm)
R3-2004	Wide Body Ball Head Tip Holder 2.385" - 3.150" (58mm-80mm)
CARBIDE TIPS — Standard In Kits	
R-4038-A1	45° Seat (.059") / 30° Top (.071") / 60° Throat
R-3023-A1	30° Seat (.051") / 15° Top (.039") / 45° Throat
R-4032-A1	45° Seat (.051") / 15° Top (.039") / 60° Throat
R-70-A1	70° Single Angle (for throating)
DRIVE ADAPTERS	
R3-CM3	#3 Morse Taper Drive Adapter
R3-CM4	#4 Morse Taper Drive Adapter
R3-3/4SS	Bridgeport & DCM Drive Adapter
R3-SUN	Sunnen Early Style Drive Adapter
ACCESSORIES	
R3-TSF	Tool Setting Fixture
R3-B-SCREW	Cutter Blade Mounting Screw
R3-B-WRENCH	Blade Wrench
R3-SS	Automotive Spring Set (2 pc.)
R3-1/8	1/8" Hex Key
R3-2.5	2.5mm Hex Key
R3-3/32	3/32" Hex Key
R3-4X5MM	Replacement Screws For NWN Ball Head Base (5) - metric
R3-BH1032	Replacement Screw For Ball Head Base - SAE 1032
R3-2000-S	Adjusting Screw For Holder #R3-2000, OAL .395" (10mm)
R3-2001-S	Adjusting Screw For Holder #R3-2001, OAL .475" (12mm)
R3-2002-S	Adjusting Screw For Holder #R3-2002, OAL .625" (15.9mm)



R3-TSF



R3-B-WRENCH

"TS" 3-ANGLE SEAT CUTTING SYSTEM

Uses your existing seat grinding pilots from Kwik-Way, Sioux, Neway or Sunnen. Kits include Deluxe Ball Heads which increase the stability of the cutting tool, allowing less chatter to help deliver a superior finish. **NOTE:** Not interchangeable with our "R3" Precision-ground 3-angle Tooling (featured on opposite page).

Part No.	Description	
3-ANGLE SEAT CUTTING KITS		
TS-503KW	#3 Morse Taper Adapter	Deluxe Ball Head for Kwik-Way Pilots
TS-504KW	#4 Morse Taper Adapter	Deluxe Ball Head for Kwik-Way Pilots
TS-503SX	#3 Morse Taper Adapter	Deluxe Ball Head for Sioux Pilots
TS-504SX	#4 Morse Taper Adapter	Deluxe Ball Head for Sioux Pilots
TS-503NEW	#3 Morse Taper Adapter	Deluxe Ball Head for Neway Pilots
TS-504NEW	#4 Morse Taper Adapter	Deluxe Ball Head for Neway Pilots
TS-503SUN	#3 Morse Taper Adapter	Deluxe Ball Head for Sunnen Pilots
TS-504SUN	#4 Morse Taper Adapter	Deluxe Ball Head for Sunnen Pilots
TS-503BP	Straight Shank Adapter for Bridgeport (specify ball head for pilots)	

KITS INCLUDE:
 Morse taper adapter
 Ball socket assembly
 Deluxe ball head
 Spring bushing
 2 Springs
 3 Tool holders
 4 Carbide blades
 Tool setting fixture
 Storage case &
 Instructions

Part No.	Description
A. MORSE TAPER ADAPTERS	
TS-3M	#3 Morse Taper Adapter
TS-4M	#4 Morse Taper Adapter
TS-3IDL	Adapt #3 Morse Taper to IDL Drive
TS-3B	Straight Shank Adapter for Bridgeport
B. BALL SOCKET ASSEMBLY	
TS-105	For TS-3M and TS-4M
C. BALL HEADS	
TS-106D-SX	For Sioux Pilots
TS-106D-NEW	For Neway Pilots
TS-106D-KW	For Kwik-Way Pilots
TS-106D-SUN	For Sunnen Pilots
TS-106A	Lock Screws For Tool Holders
TS-106B	Dowel Pins For Ball Head
D. SPRING BUSHINGS	
TS-107KW	For Kwik-Way
TS-107SX	For Sioux, Sunnen, Neway
E. SPRINGS	
TS-108	Springs (2)
F. PILOTS — Not Included With Kit, (see pages 49-51)	

Part No.	Description
G. TOOL HOLDERS — Tool Holders Include (1) Screw	
TS-102	Small, .975" - 1.195"
TS-102A	Radial Adjusting Screw For TS-102
TS-103	Medium, 1.195" - 1.600"
TS-103A	Radial Adjusting Screw For TS-103
TS-104	Large, 1.550" - 2.450"
TS-104A	Radial Adjusting Screw For TS-104
TS-109	Torx® Insert Lock Screw
H. CARBIDE TIPS — Standard In Kit	
R-4038-A1	45° Seat (.059"); 30° Top (.071"); 60° Throat
R-3023-A1	30° Seat (.051"); 15° Top (.039"); 45° Throat
R-4032-A1	45° Seat (.051"); /15° Top (.039"); 60° Throat
R-70-A1	70° Single Angle (for throating)
I. TOOL SETTING FIXTURE	
TS-101	Tool Setting Fixture Assembly
TS-101A	Setting Fixture, Body Only
TS-101B	Setting Fixture, Pointer Only
TS-101C	Pointer Lock Screw Only
TS-101D	Arbor (pilot), Lock Screw Only
MISCELLANEOUS	
TS-100	Plastic Storage Case
TX-8	T-8 Torx® Screwdriver



PILOT NOT PICTURED
 See Pages 49-51



VALVE SEAT WHEELS

GENERAL PURPOSE

Recommended for both roughing and finishing most automotive valve seats. Long lasting, fast cutting and will give a very satisfactory finish.

Order 50 or more Valve Seat Wheels (may be assorted), take 10% off.

BD Black & Decker

⁹/₁₆"-16 thread • Fits Black & Decker, Van Dorn

KW Kwik-Way

¹³/₁₆"-13 thread • Fits Kwik-Way

SX Sioux, ETC.

¹¹/₁₆"-16 thread • Fits Sioux, K.O. Lee, Thor, Skilsaw, Keystone, Winona

Fits –	BLACK & DECKER			KWIK-WAY			SIOUX, ETC.		
Diameter	30°	45°	90°	30°	45°	90°	30°	45°	90°
1 ¹ / ₈ "	BD-2C	BD-3C	BD-390C	KW-2C	KW-3C	KW-390C	SX-2C	SX-3C	SX-390C
1 ³ / ₁₆ "	BD-2A	BD-3A	BD-390A	KW-2A	KW-3A	KW-390A	SX-2A	SX-3A	SX-390A
1 ¹ / ₄ "	BD-2	BD-3	BD-390	KW-2	KW-3	KW-390	SX-2	SX-3	SX-390
1 ⁵ / ₁₆ "	BD-2B	BD-3B	BD-390B	KW-2B	KW-3B	KW-390B	SX-2B	SX-3B	SX-390B
1 ³ / ₈ "	BD-8	BD-9	BD-990	KW-8	KW-9	KW-990	SX-8	SX-9	SX-990
1 ⁷ / ₁₆ "	BD-8A	BD-9A	BD-990A	KW-8A	KW-9A	KW-990A	SX-8A	SX-9A	SX-990A
1 ¹ / ₂ "	BD-14	BD-15	BD-1590	KW-14	KW-15	KW-1590	SX-14	SX-15	SX-1590
1 ⁹ / ₁₆ "	BD-14A	BD-15A	BD-1590A	KW-14A	KW-15A	KW-1590A	SX-14A	SX-15A	SX-1590A
1 ⁵ / ₈ "	BD-20	BD-21	BD-2190	KW-20	KW-21	KW-2190	SX-20	SX-21	SX-2190
1 ¹¹ / ₁₆ "	BD-20A	BD-21A	BD-2190A	KW-20A	KW-21A	KW-2190A	SX-20A	SX-21A	SX-2190A
1 ³ / ₄ "	BD-26	BD-27	BD-2790	KW-26	KW-27	KW-2790	SX-26	SX-27	SX-2790
1 ¹³ / ₁₆ "	BD-26A	BD-27A	BD-2790A	KW-26A	KW-27A	KW-2790A	SX-26A	SX-27A	SX-2790A
1 ⁷ / ₈ "	BD-32	BD-33	BD-3390	KW-32	KW-33	KW-3390	SX-32	SX-33	SX-3390
2"	BD-38	BD-39	BD-3990	KW-38	KW-39	KW-3990	SX-38	SX-39	SX-3990
2 ¹ / ₈ "	BD-44	BD-45	BD-4590	KW-44	KW-45	KW-4590	SX-44	SX-45	SX-4590
2 ¹ / ₄ "	BD-50	BD-51	BD-5190	KW-50	KW-51	KW-5190	SX-50	SX-51	SX-5190
2 ³ / ₈ "	BD-56	BD-57	BD-5790	KW-56	KW-57	KW-5790	SX-56	SX-57	SX-5790
2 ¹ / ₂ "	BD-62	BD-63	BD-6390	KW-62	KW-63	KW-6390	SX-62	SX-63	SX-6390
2 ⁵ / ₈ "	BD-68	BD-69	—	KW-68	KW-69	—	SX-68	SX-69	—
2 ³ / ₄ "	BD-74	BD-75	—	KW-74	KW-75	—	SX-74	SX-75	—
2 ⁷ / ₈ "	BD-80	BD-81	—	KW-80	KW-81	—	SX-80	SX-81	—
3"	BD-86	BD-87	—	KW-86	KW-87	—	SX-86	SX-87	—
3 ¹ / ₄ "	BD-92	BD-93	—	KW-92	KW-93	—	SX-92	SX-93	—
3 ¹ / ₂ "	BD-98	BD-99	—	KW-98	KW-99	—	SX-98	SX-99	—

VALVE SEAT WHEELS

STELLITE

Specifically recommended for use on very hard steel valve seats.

Order 50 or more Valve Seat Wheels (may be assorted), take 10% off.



Fits - Diameter	BLACK & DECKER		KWIK-WAY		SIOUX, ETC	
	30°	45°	30°	45°	30°	45°
1 1/4"	BD-5	BD-6	KW-5	KW-6	SX-5	SX-6
1 3/8"	BD-11	BD-12	KW-11	KW-12	SX-11	SX-12
1 1/2"	BD-17	BD-18	KW-17	KW-18	SX-17	SX-18
1 5/8"	BD-23	BD-24	KW-23	KW-24	SX-23	SX-24
1 3/4"	BD-29	BD-30	KW-29	KW-30	SX-29	SX-30
1 7/8"	BD-35	BD-36	KW-35	KW-36	SX-35	SX-36
2"	BD-41	BD-42	KW-41	KW-42	SX-41	SX-42
2 1/8"	BD-47	BD-48	KW-47	KW-48	SX-47	SX-48
2 1/4"	BD-53	BD-54	KW-53	KW-54	SX-53	SX-54
2 3/8"	BD-59	BD-60	KW-59	KW-60	SX-59	SX-60
2 1/2"	BD-65	BD-66	KW-65	KW-66	SX-65	SX-66
2 5/8"	BD-71	BD-72	KW-71	KW-72	SX-71	SX-72
2 3/4"	BD-77	BD-78	KW-77	KW-78	SX-77	SX-78
2 7/8"	BD-83	BD-84	KW-83	KW-84	SX-83	SX-84
3"	BD-89	BD-90	KW-89	KW-90	SX-89	SX-90
3 1/4"	BD-95	BD-96	KW-95	KW-96	SX-95	SX-96
3 1/2"	BD-101	BD-102	KW-101	KW-102	SX-101	SX-102



MAGNUM — GRIND AND FINISH HEAVY-DUTY OR HARD SEATS IN JUST ONE STEP!

Only available from Regis.

This revolutionary new stone compound aggressively grinds hard seats — even those hard-to-grind late model Cummins. Grinds and finishes in one operation! No need to change stones to finish a seat. Available for Sioux and Kwik-Way

Order 50 or more Valve Seat Wheels (may be assorted), take 10% off.

Fits - Diameter	SIOUX, ETC.		KWIK-WAY
	45°	90°	90°
1 1/8"	MSX-3C	MSX-390C	MKW-390C
1 3/16"	MSX-3A	MSX-390A	MKW-390A
1 1/4"	MSX-3	MSX-390	MKW-390
1 5/16"	MSX-3B	MSX-390B	MKW-390B
1 3/8"	MSX-9	MSX-990	MKW-990
1 7/16"	MSX-9A	MSX-990A	MKW-990A
1 1/2"	MSX-15	MSX-1590	MKW-1590
1 9/16"	MSX-15A	MSX-1590A	MKW-1590A
1 5/8"	MSX-21	MSX-2190	MKW-2190
1 11/16"	MSX-21A	MSX-2190A	MKW-2190A
1 3/4"	MSX-27	MSX-2790	MKW-2790
1 13/16"	MSX-27A	MSX-2790A	MKW-2790A
1 7/8"	MSX-33	MSX-3390	MKW-3390
2"	MSX-39	MSX-3990	MKW-3990
2 1/8"	MSX-45	MSX-4590	MKW-4590
2 1/4"	MSX-51	MSX-5190	MKW-5190
2 3/8"	MSX-57	MSX-5790	MKW-5790
2 1/2"	MSX-63	MSX-6390	MKW-6390



LAYOUT FLUID AND SPRAY

Check valve to seat contact with blue and red layout fluid in 8 oz. bottles or layout ink in a 16 oz. spray can.

For More Information See Page 55.

MORE VALVE SEAT WHEELS ON THE NEXT PAGE

VALVE SEAT WHEELS

NICKEL-CHROME

Designed to cut nickel-chrome valve seats like Chromalloy, Well-Tite and Snyder. Also for roughing.

Order 50 or more Valve Seat Wheels (may be assorted), take 10% off.

Fits – Diameter	BLACK & DECKER		KWIK-WAY		SIOUX, ETC.	
	45°	90° flat	45°	90° flat	45°	90° flat
7/8"	—	—	KWN-355	KWN-350	SXN-355	SXN-350
15/16"	—	—	KWN-365	KWN-360	SXN-365	SXN-360
1"	—	—	KWN-375	KWN-370	SXN-375	SXN-370
1 1/16"	—	—	KWN-385	KWN-380	SXN-385	SXN-380
1 1/4"	BDN-3	BDN-390	KWN-3	KWN-390	SXN-3	SXN-390
1 3/8"	BDN-9	BDN-990	KWN-9	KWN-990	SXN-9	SXN-990
1 1/2"	BDN-15	BDN-1590	KWN-15	KWN-1590	SXN-15	SXN-1590
1 5/8"	BDN-21	BDN-2190	KWN-21	KWN-2190	SXN-21	SXN-2190
1 3/4"	BDN-27	BDN-2790	KWN-27	KWN-2790	SXN-27	SXN-2790
1 7/8"	BDN-33	BDN-3390	KWN-33	KWN-3390	SXN-33	SXN-3390
2"	BDN-39	BDN-3990	KWN-39	KWN-3990	SXN-39	SXN-3990
2 1/8"	BDN-45	BDN-4590	KWN-45	KWN-4590	SXN-45	SXN-4590
2 1/4"	BDN-51	BDN-5190	KWN-51	KWN-5190	SXN-51	SXN-5190
2 3/8"	BDN-57	BDN-5790	KWN-57	KWN-5790	SXN-57	SXN-5790
2 1/2"	BDN-63	BDN-6390	KWN-63	KWN-6390	SXN-63	SXN-6390

RUBY

Premium-quality wheel for seat material hardnesses between general purpose and stellite. Also may be used as a quality finishing stone.

Order 50 or more Valve Seat Wheels (may be assorted), take 10% off.

7/8"	—	—	KWR-355	KWR-350	SXR-355	SXR-350
15/16"	—	—	KWR-365	KWR-360	SXR-365	SXR-360
1"	—	—	KWR-375	KWR-370	SXR-375	SXR-370
1 1/16"	—	—	KWR-385	KWR-380	SXR-385	SXR-380
1 1/8"	—	—	KWR-3C	KWR-390C	SXR-3C	SXR-390C NEW
1 1/4"	BDR-3	BDR-390	KWR-3	KWR-390	SXR-3	SXR-390
1 5/16"	—	—	KWR-3B	KWR-390B	SXR-3B	SXR-390B NEW
1 3/8"	BDR-9	BDR-990	KWR-9	KWR-990	SXR-9	SXR-990
1 7/16"	—	—	KWR-9A	KWR-990A	SXR-9A	SXR-990A NEW
1 1/2"	BDR-15	BDR-1590	KWR-15	KWR-1590	SXR-15	SXR-1590
1 9/16"	BDR-15A	BDR-1590A	KWR-15A	KWR-1590A	SXR-15A	SXR-1590A
1 5/8"	BDR-21	BDR-2190	KWR-21	KWR-2190	SXR-21	SXR-2190
1 11/16"	—	—	KWR-21A	KWR-2190A	SXR-21A	SXR-2190A NEW
1 3/4"	BDR-27	BDR-2790	KWR-27	KWR-2790	SXR-27	SXR-2790
1 7/8"	BDR-33	BDR-3390	KWR-33	KWR-3390	SXR-33	SXR-3390
2"	BDR-39	BDR-3990	KWR-39	KWR-3990	SXR-39	SXR-3990
2 1/8"	BDR-45	BDR-4590	KWR-45	KWR-4590	SXR-45	SXR-4590
2 1/4"	BDR-51	BDR-5190	KWR-51	KWR-5190	SXR-51	SXR-5190
2 3/8"	BDR-57	BDR-5790	KWR-57	KWR-5790	SXR-57	SXR-5790
2 1/2"	BDR-63	BDR-6390	KWR-63	KWR-6390	SXR-63	SXR-6390

FINAL FINISH

Delivers a superb, high-micron final finish to valve seats with little metal removal. Not intended for initial cutting work. Ideal for high-performance and racing work.

Order 50 or more Valve Seat Wheels (may be assorted), take 10% off.

1 1/4"	BDF-3	BDF-390	KWF-3	KWF-390	SXF-2	SXF-3
1 3/8"	BDF-9	BDF-990	KWF-9	KWF-990	SXF-8	SXF-9
1 1/2"	BDF-15	BDF-1590	KWF-15	KWF-1590	SXF-14	SXF-15
1 9/16"	BDF-15A	BDF-1590A	KWF-15A	KWF-1590A	SXF-14A	SXF-15A
1 5/8"	BDF-21	BDF-2190	KWF-21	KWF-2190	SXF-20	SXF-21
1 3/4"	BDF-27	BDF-2790	KWF-27	KWF-2790	SXF-26	SXF-27
1 7/8"	BDF-33	BDF-3390	KWF-33	KWF-3390	SXF-32	SXF-33
2"	BDF-39	BDF-3990	KWF-39	KWF-3990	SXF-38	SXF-39
2 1/8"	BDF-45	BDF-4590	KWF-45	KWF-4590	SXF-44	SXF-45
2 1/4"	BDF-51	BDF-5190	KWF-51	KWF-5190	SXF-50	SXF-51
2 3/8"	BDF-57	BDF-5790	KWF-57	KWF-5790	SXF-56	SXF-57
2 1/2"	BDF-63	BDF-6390	KWF-63	KWF-6390	SXF-62	SXF-63

VALVE SEAT WHEEL DRESSING STAND

- **HEAVY-DUTY**
- **UNIVERSAL**
- **PREMIUM QUALITY**

This universal dressing stand accommodates Sioux .385", Black & Decker .375" or original Kwik-Way .437" piloted stone holders. Heavy-duty dressing stand accurately dresses stones up to 3.5" diameter.

The **K-1716** Dressing Stand includes: one .385" pilot and one premium grade diamond dresser. (.375" and .437" size pilots sold separately.)



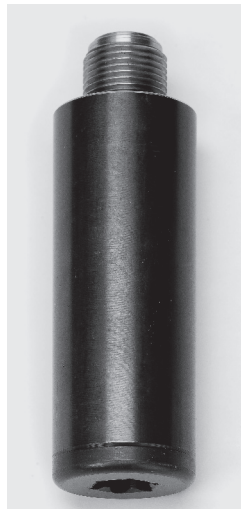
NOTE: Dressing stand pilots will not fit OEM Sioux, Kwik-Way, or Black & Decker stands.

Part No.	Description
K-1716	Dressing Stand
K-1716-BD	.375" Pilot for Dressing Stand
K-1716-SXP	.385" Pilot for Dressing Stand
K-1716-KW	.437" Pilot for Dressing Stand
K-5	Replacement Diamond Dresser
K-1718A	.385 Pilot for OEM Sioux Dressing Stand

VALVE SEAT STONE HOLDERS



SIoux
STANDARD
3/8" + .010 (.385")
upper end size.
1 1/16" x 16 thread.
Part No. **K-1702**



SIoux
HEAVY-DUTY
9/16" + .010 (.572")
upper end size.
7/8" x 14 thread.
Part No. **K-1703**



SIoux
SHORT BODY
3/8" + .010 (.385")
upper end size.
1 1/16" x 16 thread.
Part No. **K-1672**



KWIK-WAY
7/16" (.437")
upper end size.
3/16" x 13 thread.
Part No. **KW-356**
Cap for Kwik-Way
Stone Holder,
Part No. **KW-0302**

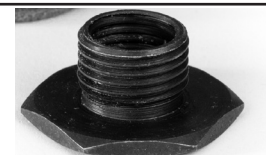


BLACK & DECKER
3/8" (.375")
upper end size.
9/16" x 16 thread.
Part No. **K-199BD**

STONE HOLDER ADAPTER BUSHING

Bushing to adapt the Black and Decker stone holder to Sioux.

Part No. **BDSX-385**





KWIK-WAY STYLE VALVE SEAT WHEEL AIR DRIVER

Handles valve seat work up to 2 - 1/2" with 10,000 rpm governed speed. Spline drive, 1.0 max. horsepower.

Part No. **KW-500**



SIoux STYLE VALVE SEAT WHEEL AIR DRIVER

Handles valve seat work up to 2 - 1/2" with 10,000 rpm governed speed. Spline drive, 1.0 max. horsepower.

Part No. **SX-500**



REPLACEMENT PARTS FOR KWIK-WAY

Part No.	Description
KW-0426	Hex Driver with leather for SGA motor .650" with set screw Kwik-Way # KW-031-0426-10
KW-3112	Hex Driver with leather for SGH motor 1/2" - 20 thread Kwik-Way # KW-031-3112-17
KW-1011	Hex Driver with leather for SGA II motor 3/8" - 20 thread Kwik-Way # KW-031-1011-00



REPLACEMENT PARTS FOR SIOUX

Replacement Spindle Drives and Bearing Caps for Sioux valve seat wheel drivers.

Part No.	Description
FOR SIOUX 1710 ELECTRIC DRIVE	
SX-22916E	Replacement Spindle Drive
SX-23694E	Replacement Bearing Cap
FOR SIOUX 1792 AIR DRIVE	
SX-22939A	Replacement Spindle Drive
SX-33970A	Replacement Bearing Cap



UNIVERSAL PILOT WRENCH

Pulls pilots from guides. Works on .375", .385", .390" and .437" top size pilots.

Part No. **P-WRENCH**

VALVE SEAT GRINDING PILOTS

High-quality alloy steel, solid taper pilots feature a special straight and taper shank design. Self-centering for accurate alignment.

$\frac{3}{8}$ " **.375"**
Rottler, Neway, B&D



$\frac{3}{8}$ " + .010 **.385"**
Sioux



$\frac{7}{16}$ " **.437"**
Kwik-Way



Inches	mm	.375"	.385"	.437"
.157"	4.0	—	K-5157S	—
.177"	4.5	—	K-5177S	—
.196"	4.98	K-5196C	K-5196S	K-5196K
.197"	5.0	K-5197C	K-5197S	K-5197K
.198"	5.03	—	K-5198S	—
.215"	5.46	—	K-5215S	K-5215K
.216"	5.48	K-5216C	K-5216S	K-5216K
.217"	5.51	K-5217C	K-5217S	K-5217K
.218"	5.54	K-5218C	K-5218S	K-5218K
.235"	5.97	K-5235C	—	K-5235K
.236"	6.0	K-5236C	K-5236S	K-5236K
.237"	6.02	K-5237C	K-5237S	K-5237K
.238"	6.05	—	K-5238S	K-5238K
.239"	6.07	—	K-5239S	—
.249"	6.32	K-5249C	K-5249S	—
.250"	6.35	K-5250C	K-5250S	K-5250K
.251"	6.36	K-5251C	K-5251S	K-5251K
.252"	6.40	K-5252C	—	K-5252K
.258"	6.55	—	—	K-5258K
.259"	6.58	K-5259C	—	K-5259K
.260"	6.6	K-5260C	K-5260S	K-5260K
.261"	6.63	K-5261C	K-5261S	K-5261K
.262"	6.66	—	K-5262S	K-5262K
.274"	6.96	K-5274C	K-5274S	K-5274K
.275"	7.0	K-5275C	K-5275S	K-5275K
.276"	7.01	K-5276C	K-5276S	K-5276K
.277"	7.04	—	K-5277S	K-5277K
.278"	7.06	—	—	K-5278K
.310"	7.87	K-5310C	K-5310S	K-5310K
.311"	7.90	K-5311C	K-5311S	K-5311K
.312"	7.92	K-5312C	K-5312S	K-5312K
.313"	7.95	K-5313C	K-5313S	K-5313K
.314"	7.98	K-5314C	K-5314S	K-5314K
.315"	8.0	K-5315C	K-5315S	K-5315K
.316"	8.03	K-5316C	K-5316S	K-5316K
.317"	8.05	K-5317C	K-5317S	K-5317K
.318"	8.08	—	—	K-5318K
.327"	8.31	—	K-5327S	—
.339"	8.61	—	—	K-5339K
.340"	8.64	K-5340C	K-5340S	K-5340K
.341"	8.66	K-5341C	K-5341S	K-5341K
.342"	8.69	K-5342C	K-5342S	K-5342K
.343"	8.71	K-5343C	K-5343S	K-5343K
.344"	8.74	K-5344C	K-5344S	K-5344K
.345"	8.76	K-5345C	K-5345S	K-5345K
.346"	8.79	K-5346C	K-5346S	K-5346K
.347"	8.81	K-5347C	—	K-5347K
.348"	8.84	—	K-5349S	—

Inches	mm	.375"	.385"	.437"
.349"	8.86	—	—	K-5348K
.352"	8.94	—	—	K-5352K
.353"	8.97	K-5353C	K-5353S	K-5353K
.354"	9.0	K-5354C	K-5354S	K-5354K
.355"	9.02	K-5355C	—	K-5355K
.356"	9.04	—	K-5356S	K-5356K
.357"	9.07	—	K-5357S	K-5357K
.358"	9.09	—	K-5358S	K-5358K
.359"	9.12	—	K-5359S	—
.370"	9.40	K-5370C	K-5370S	—
.371"	9.42	K-5371C	K-5371S	K-5371K
.372"	9.45	K-5372C	K-5372S	K-5372K
.373"	9.47	K-5373C	K-5373S	K-5373K
.374"	9.50	K-5374C	K-5374S	K-5374K
.375"	9.52	K-5375C	K-5375S	K-5375K
.376"	9.55	K-5376C	K-5376S	K-5376K
.377"	9.58	K-5377C	K-5377S	K-5377K
.378"	9.60	K-5378C	K-5378S	K-5378K
.379"	9.63	K-5379C	K-5379S	K-5379K
.380"	9.65	—	K-5380S	—
.381"	9.68	—	K-5381S	—
.382"	9.70	—	K-5382S	—
.385"	9.78	—	K-5385S	—
.388"	9.86	—	K-5388S	—
.390"	9.91	—	K-5390S	—
.392"	9.96	—	K-5392S	—
.393"	9.98	K-5393C	K-5393S	K-5393K
.394"	10.0	K-5394C	K-5394S	K-5394K
.395"	10.03	—	K-5395S	K-5395K
.396"	10.06	K-5396C	K-5396S	K-5396K
.405"	10.29	—	K-5405S	—
.432"	10.97	K-5432C	K-5432S	—
.433"	11.0	K-4333C	K-5433S	—
.434"	11.02	K-5434C	K-5434S	—
.435"	11.05	K-5435C	—	K-5435K
.436"	11.07	K-5436C	K-5436S	K-5436K
.437"	11.10	K-5437C	K-5437S	K-5437K
.438"	11.13	K-5438C	K-5438S	K-5438K
.439"	11.15	K-5439C	K-5439S	K-5439K
.440"	11.18	K-5440C	K-5440S	K-5440K
.452"	11.48	K-5452C	K-5452S	K-5452K
.453"	11.51	K-5453C	K-5453S	K-5453K
.454"	11.53	K-5454C	K-5454S	K-5454K
.499"	12.67	K-5499C	K-5499S	K-5499K
.500"	12.70	K-5500C	K-5500S	K-5500K
.501"	12.73	K-5501C	K-5501S	K-5501K
.502"	12.75	—	K-5502S	—
.503"	12.78	—	K-5503S	—

VALVE SEAT WORK



SPLIT PILOTS **.375" TOP SIZE**

Centers deep in the valve guide. Features a groove for bearing-style stone holders. Compensates for wear up to .010".

Size	Range	Part No.	Size	Range	Part No.	Size	Range	Part No.
5.0mm	.193"-.203"	K-5MM-SP	7.0mm	.273"-.283"	K-7MM-SP	9.0mm	.351"-.361"	K-9MM-SP
5.5mm	.213"-.223"	K-5.5MM-SP	.312"	.299"-.319"	K-312-SP	.375"	.372"-.382"	K-375-SP
6.0mm	.233"-.243"	K-6MM-SP	8.0mm	.312"-.322"	K-8MM-SP	.437"	.434"-.444"	K-437-SP
.250"	.247"-.257"	K-250-SP	.343"	.340"-.350"	K-343-SP			



EXTRA-LONG SOLID TAPERED PILOTS **.385" TOP SIZE**

9" overall length gives you more depth to work in with heads featuring deeper bowl areas. Great for diesel applications. Use K-1702 Stone Holder

Inches	mm	Part No.	Inches	mm	Part No.	Inches	mm	Part No.	Inches	mm	Part No.
.275"	7.00	TS-275	.279"	7.09	TS-279	.343"	8.71	TS-343	.372"	9.45	TS-372
.276"	7.01	TS-276	.312"	7.92	TS-312	.344"	8.74	TS-344	.373"	9.47	TS-373
.277"	7.04	TS-277	.313"	7.95	TS-313	.345"	8.77	TS-345	.374"	9.50	TS-374
.278"	7.06	TS-278	.314"	7.98	TS-314	.346"	8.79	TS-346	.375"	9.52	TS-375
.381"	9.68	TS-381	.382"		TS-382						

NEW

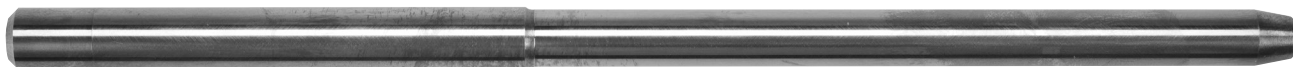
NEW



HEAVY-DUTY SOLID TAPERED PILOTS **.572" TOP SIZE**

11½" overall length gives you more depth to work on heavy duty engines with deep bowl areas. Especially useful on larger, heavy duty engines. Use K-1703 Stone Holder

Inches	mm	Part No.	Inches	mm	Part No.	Inches	mm	Part No.
.562"	14.27	TS-562-HD	.625"	15.88	TS-625-HD	.628"	15.95	TS-628-HD
.563"	14.30	TS-563-HD	.626"	15.90	TS-626-HD			
.564"	14.33	TS-564-HD	.627"	15.93	TS-627-HD			



TAPERED CARBIDE PILOTS **.375" TOP SIZE**

7½" overall length

Inches	mm	Part No.	Inches	mm	Part No.	Inches	mm	Part No.	Inches	mm	Part No.
.1575"	4.00	CPT-1575	.2355"	5.98	CPT-2355	.2765"	7.02	CPT-2765	.373"	9.47	CPT-3730
.177"	4.50	CPT-1770	.2362"	6.00	CPT-2362	.312"	7.93	CPT-3120	.374"	9.50	CPT-3740
.197"	5.00	CPT-1970	.260"	6.60	CPT-2600	.315"	8.00	CPT-3150	.375"	9.53	CPT-3750
.2165"	5.50	CPT-2165	.2756"	7.00	CPT-2756	.342"	8.70	CPT-3420			
.217"	5.52	CPT-2170	.276"	7.01	CPT-2760	.344"	8.74	CPT-3440			



EXTRA-LONG STEEL TAPERED PILOTS **.375" TOP SIZE**

8" overall length gives you more depth to work in with heads featuring deeper bowl areas.

Inches	mm	Part No	Inches	mm	Part No	Inches	mm	Part No	Inches	mm	Part No
.217"	5.51	TC-5217	.275"	7.0	TC-5275	.314"	7.98	TC-5314	.344"	8.74	TC-5344
.218"	5.54	TC-5218	.276"	7.01	TC-5276	.315"	8.0	TC-5315	.345"	8.76	TC-5345
.236"	6.0	TC-5236	.310"	7.87	TC-5310	.316"	8.03	TC-5316	.373"	9.47	TC-5373
.237"	6.02	TC-5237	.311"	7.90	TC-5311	.341"	8.66	TC-5341	.374"	9.50	TC-5374
.260"	6.6	TC-5260	.312"	7.92	TC-5312	.342"	8.69	TC-5342	.375"	9.52	TC-5375
.261"	6.63	TC-5261	.313"	7.95	TC-5313	.343"	8.71	TC-5343	.376"	9.55	TC-5376



STRAIGHT CARBIDE PILOTS **.375" TOP SIZE**

Inches	mm	Part No.	Inches	mm	Part No.	Inches	mm	Part No.	Inches	mm	Part No.
.1571"	3.99	CPS-1571	.2362"	6.00	CPS-2362	.3118"	7.92	CPS-3118	.3437"	8.73	CPS-3437
.1575"	4.00	CPS-1575	.2368"	6.01	CPS-2368	.3122"	7.93	CPS-3122	.3440"	8.74	CPS-3440
.1579"	4.01	CPS-1579	.2559"	6.50	CPS-2559	.3130"	7.95	CPS-3130	.3720"	9.45	CPS-3720
.1767"	4.49	CPS-1767	.2594"	6.59	CPS-2594	.3146"	7.99	CPS-3146	.3724"	9.46	CPS-3724
.1771"	4.50	CPS-1771	.2600"	6.61	CPS-2600	.3150"	8.00	CPS-3150	.3728"	9.47	CPS-3728
.1929"	4.99	CPS-1929	.2752"	6.99	CPS-2752	.3154"	8.01	CPS-3154	.3732"	9.48	CPS-3732
.1964"	5.00	CPS-1964	.2756"	7.00	CPS-2756	.3157"	8.02	CPS-3157	.3736"	9.49	CPS-3736
.2157"	5.48	CPS-2157	.2760"	7.01	CPS-2760	.3425"	8.70	CPS-3425	.3744"	9.51	CPS-3744
.2165"	5.50	CPS-2165	.2768"	7.03	CPS-2768	.3433"	8.72	CPS-3433	.3748"	9.52	CPS-3748
.2358"	5.99	CPS-2358									



AFTERMARKET EXPANDING PILOTS

Excellent for intermediate size guides. Range of expansion will handle valve guides from -.003" to +.017". Available in .375" (Rottler, Neway, B&D), .385" (Sioux) and .437" (Kwik-Way) top sizes.

Inches	mm	.375" TOP SIZE	.385" TOP SIZE	.437" TOP SIZE
.236"	6.0	EC-236	ES-236	EK-236
.250"	6.35	EC-250	ES-250	EK-250
.256"	6.5	EC-256	ES-256	EK-256
.275"	7.0	EC-275	ES-275	EK-275
.312"	8.0	EC-312	ES-312	EK-312
.335"	8.5	EC-335	ES-335	EK-335
.343"	8.71	EC-343	ES-343	EK-343
.354"	9.0	EC-354	ES-354	EK-354
.375"	9.52	EC-375	ES-375	EK-375
.437"	11.10	EC-437	ES-437	EK-437

TAPERED CARBIDE PILOTS



.385 TOP SIZE

Inches	mm	Part No.
.196"	4.98	CPT-196S
.197"	5.0	CPT-197S
.216"	5.48	CPT-216S
.217"	5.51	CPT-217S
.236"	6.0	CPT-236S
.275"	7.0	CPT-275S



VALVE SEAT DRIVERS



Install valve seats quickly without damaging seat counterbore.



Part No.	Size - Inches (mm)
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Manual Valve Seat Drivers

VSD-437	.437" (11.10mm) I.D.
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VSD-385	.375" (9.53) and .385" (9.78) I.D.
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Valve Seat Driver Heads	mm
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VSD-A	1" - 1.125" seats	25.4 - 28.6
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VSD-B	1.25" - 1.375" seats	31.8 - 34.9
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VSD-C	1.5" - 1.625" seats	38.1 - 41.3
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VSD-D	1.75" - 1.875" seats	44.5 - 47.6
--------------	----------------------	-------------

VSD-E	2" - 2.125" seats	50.8 - 54.0
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VALVE SEAT PULLERS

Designed for quick removal of valve seat inserts with minimum effort. Also handy for removing many types and sizes of grease seals.

Part No.	Description
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VSP-90	90° Tooth Valve Seat Puller
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VSP-100	100° Tooth Valve Seat Puller
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DIAMOND TOOLS



DIAMOND TOOLS FOR VALVE RESEATERS

Part No.	Size	Diamond Weight	Machine
K-2	3/8" x 2 1/4" 24 NF thd	1/4 carat	Black & Decker (Mfg. #20157), Thor (Mfg. #74327), Van Dorn, Tobin Arp
K-4	1/2" x 3 1/4" 20 NF thd	1/4 carat	Kwik-Way
K-4S	3/8" head 10-32 thd	1/4 carat	Screw Nib
K-5	3/8" x 2 3/4" 24 NF thd	1/4 carat	Sioux (Mfg. #1715)
K-5A	3/8" x 2 3/4" 24 NF thd	1/3 carat	Sioux (Mfg. #1715A)
K-8	5/16" x 2 1/2" 24 NF thd	1/4 carat	Hall (Mfg. #13-1938), Snap-On, Skilsaw, U.S.
K-8B	5/16" x 2 1/2" 24 NF thd	1/4 carat	Black & Decker (Mfg. #49386)
K-9	5/16" x 2 1/2" 18 NC thd	1/4 carat	K.O. Lee (Mfg. #P176D), Skil
K-11	3/8" hex, right hand thd	1/2 carat	Sioux 1719A (Mfg. #1715B)
K-14	3/8" hex, left hand thd	1/4 carat	Black & Decker (Mfg. #31662)
K-18	1/2" x 2 3/4" 20 NF thd Holder thread half length	1/4 carat	Kwik-Way
K-19	3/8" x 2 3/4" 24 NF thd	1/4 carat	Kwik-Way

Regis Offers A Wide Selection Of Diamond Tools. For Our Complete Selection See Pages 72-73.

VALVE SEAT RUNOUT GAUGE

Position on pilot with adjustable probe set on the valve seat. The gauge is then turned 360 degrees. Features jewelled bearings.

Part No.	Description
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VSG-375	3/8" Adapter for Black & Decker, K.O. Lee, Neway, and Olcott
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VSG-385	3/8" + 10 Adapter for Sioux
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VALVE SEAT CUTTERS

WITH SOLID CARBIDE INSERTS

High grade carbide inserts spaced for balanced, chatter-free cutting. Specially ground for maximum metal removal while maintaining smooth on size bores. Designed for all popular seat & guide machines. Will not fit PH-2000 H.S. taper cutter.

PETERSON, KWIK-WAY 5/8" arbor, female drive

Diameter	Part No	Diameter	Part No	Diameter	Part No
1"	K-3830	1 3/8"	K-3833	1 7/8"	K-3841
1 1/16"	K-3830A	1 7/16"	K-3834	1 15/16"	K-3842
1 1/8"	K-3830B	1 1/2"	K-3835	2"	K-3843
1 5/32"	K-3830C	1 9/16"	K-3836	2 1/16"	K-3843A
1 3/16"	K-3830D	1 5/8"	K-3837	2 1/8"	K-3844
1 7/32"	K-3830E	1 11/16"	K-3838	2 3/16"	K-3844A
1 5/16"	K-3831	1 3/4"	K-3839	2 1/4"	K-3845
1 1/4"	K-3832	1 13/16"	K-3840	2 7/16"	K-3848

WINONA, DCM TECH 9/16" arbor, female drive

Diameter	Part No.	Diameter	Part No.	Diameter	Part No.
1"	K-3870	1 3/8"	K-3873	1 7/8"	K-3881
1 1/16"	K-3870A	1 7/16"	K-3874	1 15/16"	K-3882
1 1/8"	K-3870B	1 1/2"	K-3875	2"	K-3883
1 5/32"	K-3870C	1 9/16"	K-3876	2 1/16"	K-3883A
1 3/16"	K-3870D	1 5/8"	K-3877	2 1/8"	K-3884
1 7/32"	K-3870E	1 11/16"	K-3878	2 3/16"	K-3884A
1 5/16"	K-3871	1 3/4"	K-3879	2 1/4"	K-3885
1 1/4"	K-3872	1 13/16"	K-3880	2 7/16"	K-3888

VALVE SEAT CUTTERS



WITH REPLACEABLE CARBIDE INSERTS

For 1.250" to 1.437" sizes, order 1/4" inserts.
For 1.500" to 2.500" sizes, order 3/8" inserts.

Part No.	Description
1/4" INSERTS & ACCESSORIES	
K-4000	1/4" Insert
K-4000S	Screw
K-4000W	Wrench
K-4000-2	2 Inserts, 2 Screws, 1 Wrench
3/8" INSERTS & ACCESSORIES	
K-4001	3/8" Insert
K-4001S	Screw
K-4001W	Wrench
K-4001-2	2 Inserts, 2 Screw, 1 Wrench

SEAT CUTTER ADAPTER

Adapts Peterson and Kwik-Way seat cutters to IDL, RMC and Van Norman machines.

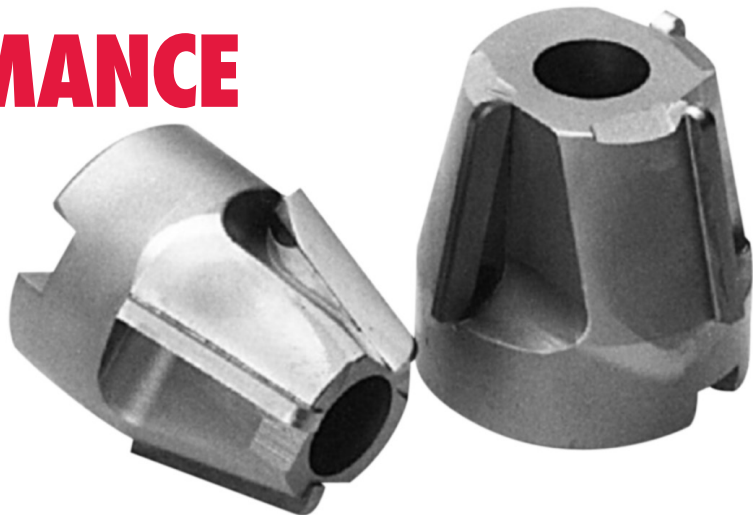
Part No. **K-3800**

KWIK-WAY, IDL, KI, PETERSON, RMC, TCM, VN, ROTTLER

SERDI		ROTTLER, DCM, WINONA	
Part No.	Size	Part No.	Size
K-6125	1.250"	K-3125	1.250"
K-6131	1.312"	K-3131	1.312"
K-6137	1.375"	K-3137	1.375"
K-6143	1.437"	K-3143	1.437"
K-6150	1.500"	K-3150	1.500"
K-6156	1.562"	K-3156	1.562"
K-6162	1.625"	K-3162	1.625"
K-6168	1.687"	K-3168	1.687"
K-6175	1.750"	K-3175	1.750"
K-6181	1.812"	K-3181	1.812"
K-6187	1.875"	K-3187	1.875"
K-6193	1.937"	K-3193	1.937"
K-6200	2.000"	K-3200	2.000"
K-6206	2.062"	K-3206	2.062"
K-6212	2.125"	K-3212	2.125"
K-6218	2.187"	K-3218	2.187"
K-6225	2.250"	K-3225	2.250"
K-6231	2.312"	K-3231	2.312"
K-6237	2.375"	K-3237	2.375"
K-6243	2.437"	K-3243	2.437"
K-6250	2.500"	K-3250	2.500"

HIGH-PERFORMANCE BOWL HOGS

Enlarge valve bowls quickly and make deep cuts without rapid cutter wear. High-performance head builders now have a tool to make life easier when enlarging bowls for better air/fuel flow. Three throat angles are available – 78°, 75° and 70° – for customizing your job. Radii on leading edge prevents breakage and chipping. Use with your standard seat & guide machine tooling.



78° BOWL HOGS

Fits machines Winona DCM 9/16" arbor
Kwik-Way Peterson 5/8" arbor

75° BOWL HOGS

Fits machines Winona DCM 9/16" arbor
Kwik-Way Peterson 5/8" arbor

70° BOWL HOGS

Fits machines Winona DCM 9/16" arbor
Kwik-Way Peterson 5/8" arbor

Size Range	Part No.	Part No.	Size Range	Part No.	Part No.	Size Range	Part No.	Part No.
1.05" - 1.52"	K-9426	K-9439	1.02" - 1.51"	K-9418	K-9431	1.08" - 1.73"	K-9422	K-9435
1.25" - 1.72"	K-9427	K-9440	1.33" - 1.82"	K-9419	K-9432	1.62" - 2.38"	K-9423	K-9436
1.52" - 1.99"	K-9428	K-9441	1.64" - 2.13"	K-9420	K-9433	2.00" - 2.75"	K-9424	K-9437
1.75" - 2.20"	K-9429	K-9442	1.95" - 2.44"	K-9421	K-9434			



REPLACEMENT PARTS FIT SIOUX 1630

REGIS VACUUM TESTER KIT

Check your entire valve train quickly and accurately. Complete kit includes gun and 2", 3", 4" disc pads. Replacement disc pads will also fit discontinued Sioux 1630 Vacuum Tester.

Part No.	Description
R-1630K	COMPLETE KIT
1630-2	2" Disc Pad
1630-3	3" Disc Pad
1630-4	4" Disc Pad
1630-5	5" Disc Pad
1630-6	6" Disc Pad
1630-7	1 3/4" x 2 3/4" Rectangular Disc Pad
64054	Gauge for Sioux
R-1630-STEM	4" stem for Regis
R-1630-MAT	12" X 33" X 1/8"



REPLACEMENT BLADES FOR NEWAY VALVE SEAT CUTTERS

Tungsten-carbide replacement blades for use in zero through 46 degree Neway valve seat cutter bodies.

Part No.	Mfg. No.	Description
NEW-38	250	Blade, 3/8" long (.375" / 9.5mm)
NEW-12	251	Blade, 1/2" long (.500" / 12.7mm)
NEW-34	254	Blade, 3/4" long (.750" / 19.05mm)
NEW-12LC	TC-251LC	Blade, 1/2" long (.500" / 12.7mm)
NEW-38LC	TC-250LC	Blade, 3/8" long (.375" / 9.5mm)



CLOVER GRINDING COMPOUNDS

Clover's standard compound combines uniformly graded, sharp, hard (yet friable) silicon carbide abrasive grains suspended in a high temperature grease mix binder. This is the best combination for lapping of hardened steel. Available in eight grades, the most popular being A, C, D and E.

Part No.	Description	
CLD-1	4 oz. duplex can - 2 oz. each coarse and fine, A & E grades	4 oz. duplex can
CL-162A	2A grade 400 grit Extremely fine	16 oz. can
CL-161A	1A grade 320 grit Very fine	16 oz. can
CL-16A	A grade 280 grit Fine	16 oz. can
CL-16B	B grade 240 grit Medium fine	16 oz. can
CL-16C	C grade 220 grit Medium	16 oz. can
CL-16D	D grade 180 grit Medium coarse	16 oz. can
CL-16E	E grade 120 grit Coarse	16 oz. can
CL-16F	F grade 100 grit Extra coarse	16 oz. can



MIRROR FINISH

Valve Grinding Oil Additive
Ideal for grinding hard metal racing valves! Superior oil additive that keeps the wheel face clean and sharp to produce brilliant valve finishes. Excellent for Titanium, Stainless, Stellite and OEM valve materials. Also good for lubing Ball Broaches when sizing liners. Add 8 oz. to each 32 oz. of oil.

Part No. **MF-16** (16 oz.)

POWR-GRIP LAPPING STICK



Powr-Grip valve grinder provides a positive system for holding valves during the checking and lapping process. Spring-loaded vacuum pump built into the handle provides vacuum reserve for long-lasting hold and serves as a leakage indicator to minimize unexpected release. A single stroke attaches the cup firmly. Cups are molded from tough, durable tread rubber. Handle is resistant to grease and corrosives.

Part No.	Description
RV-1275	Powr-Grip Lapping Stick (includes 1 1/4" and 3/4" cups)
RV-1277	3/4" Replacement Cup
RV-1278	1" Replacement Cup
RV-1279	1 1/4" Replacement Cup

LAYOUT FLUID & SPRAY



Great for aligning parts, locating high spots, porting and many other shop uses. Blue and red layout fluid in 8 oz. bottles with dauber brush or Toolmaker's Blue Layout Ink in a 16 oz. spray can. Non-corrosive.

Heat Resistant
With Good
Adhesion To All
Metals And Glass

Part No.	Description
DC-8B	Blue Layout Fluid, 8 oz.
DC-8R	Red Layout Fluid, 8 oz.
RG-16358	Blue Spray, 16 oz.

VALVE REFACER WHEELS

Order 10 or more identical Valve Refacer Wheels, take 10% off.



	Part No.	Mfg. No.	Size	Shape	Grade	Grit	Fits Model Number(s)	Usage*
BLACK & DECKER	K-629	33056	4" x 1" x 5/8"	Offset	G.P. & Stellite	60	A, B, C, LW, M, MW, N, NW, NWO	V
	K-632	16371 Ruby	4" x 1" x 5/8"	Offset	Stellite	80	A, B, C, LW, M, MW, N, NW, NWO	V
	K-638	-----	4" x 1" x 5/8"	Offset	G.P.	80	A, B, C, LW, M, MW, N, NW, NWO	V
	K-674	20939	4" x 1 1/8" x 1/2"	Straight Cup		54	All models except #6 Universal	S
	K-877	34131	5" x 1" x 5/8" (20° face)	Offset	G.P.	60	P, PC, PCB, T, TO, TG	V
	K-1072	32944	6" x 3/4" x 2"	Recessed	G.P.	46	#6 Universal	V
KWIK-WAY	K-184	010-0300-05	3" x 1 1/4" x 5/8"	Straight Cup		70	All models except VL	S
	K-548	101-0400-19	4" x 3/4" x 7/8"	Offset	G.P.	70	4001, P	V
	K-720	101-0450-10	4 1/2" x 7/8" x 7/8"	Offset	G.P.	70	CV, SK, KK, VC, SV, XC	V
	K-721	-----	4 1/2" x 7/8" x 7/8"	Offset	Stellite	100	CV, SK, KK, VC, SV, XC	V
	K-760DT	-----	7" x 1" x 7/8"	Offset	Diesel/Titanium	100	SVS, SVS-2	V
	K-773	010-0709-01	7" x 1" x 7/8"	Offset	G.P.	90	SVS, SVS-2	V
	K-774	010-0509-01	5" x 7/8" x 7/8"	Offset	G.P./Finish	80	VS, EVS	V
	K-775	010-0507-07	5" x 7/8" x 7/8"	Offset	G.P.	75	VS, EVS	V
	K-776	Pink	5" x 7/8" x 7/8"	Offset	Stellite	80	VS, EVS	V
	K-900	010-0801-09	8" x 1 3/8" x 7/8"	Offset	G.P.	80	VL	V
SIOUX	K-901	010-0610-08	6" x 1 1/4" x 3/4"	Recessed		70	VL	S
	K-629	83	4" x 1" x 5/8"	Offset	G.P. & Stellite	60	All models except below	V
	K-630	-----	4" x 1" x 5/8"	Offset	G.P.	100	All models except below	V
	K-632	Ruby	4" x 1" x 5/8"	Offset	Stellite	80	All models except below	V
	K-638	78E	4" x 1" x 5/8"	Offset	G.P.	90	All models except below	V
	K-680	176	7" x 1 1/16" x 1 3/4" (15° face)	Straight	G.P.	70	680, 956, 2001, 2075	V
	K-681	177	7" x 1 1/16" x 1 3/4" (15° face)	Straight	Stellite	80	680, 956, 2001, 2075	V
	K-660DT	-----	7" x 1 1/16" x 1 3/4" (15° face)	Straight	Diesel/Titanium	100	680, 956, 2001, 2075	V
	K-683	176	7" x 1 1/16" x 1 3/4" (15°)	Straight	G.P.	100	680, 956, 2001, 2075	V
	K-647	-----	4" x 1" x 5/8"	Recessed		54	All models except 682, 685L	S
	K-648	81	4" x 1" x 5/8"	Straight Cup		60	All models except 682, 685L	S
	K-178	178	8" x 1 1/4" x 1 3/4"	Offset	G.P.	60	682	V
	K-181	181	7" x 1 1/4" x 1 3/4"	Straight Cup		54	682	S
	K-186	184 or 186	6" x 1 1/8" x 3/4"	Offset	G.P.	80	685L	V
K-189	189	5" x 1 1/4" x 3/4"	Straight Cup		60	685L	S	

* NOTE: USE OF WHEEL - "S" indicates stem grinding; "V" indicates valve face grinding.

MIRROR FINISH

Valve Grinding Oil Additive Ideal for grinding hard metal racing valves!

Excellent for Titanium, Stainless, Stellite and OEM valve materials.
Also good for lubing Ball Broaches when sizing liners.
Add 8 oz. to each 32 oz. of oil.

Part No. **MF-16** (16 oz.)



GRINDING OIL FOR VALVE REFACERS

Specially formulated grinding oil for use in all valve refacing machines.
Extends wheel life while allowing for a better surface finish and cooling of the workpiece. Inhibits rust, eliminates foaming and rancidity.

1 gallon	Part No. VRG-1
5 gallons	Part No. VRG-5

★ **DISCOUNT** On A
Case Of 4 Gallons!

	Part No.	Mfg. No.	Size	Shape	Grade	Grit	Fits Model Number(s)	Usage*
ROTTLER	K-184	010-0300-05	3" x 1 1/4" x 5/8"	Straight Cup		70	VR7	S
	K-760DT	-----	7" x 1" x 7/8"	Offset	Diesel/Titanium	100	VR7	V
	K-773	010-0709-01	7" x 1" x 7/8"	Offset	G.P.	90	VR7	V
	K-960	-----	9" x 1 1/4" x 1 1/2"	Recessed	G.P.	90	VR9	V
	K-963	7606	100mm x 50mm x 20mm	Straight Cup	G.P.	70	VR9, VR416, RV-516	S
	K-966	-----	9" x 1 1/4" x 1 1/2"	Recessed	Titanium	80	VR9	V
COMEC	K-820	-----	215mm x 35mm x 76mm	Flare	G.P.		VR416, RV-516	V
	K-821	-----	215mm x 35mm x 76mm	Flare	Titanium		VR416, RV-516	V
	K-963	-----	100mm x 50mm x 20mm	Cup	G.P.		VR416, RV-516	S
WINONA, VAN NORMAN	K-84	14384	10" x 1 3/4" x 3"	Recessed		60	500	S
	K-85	14533	10" x 1 3/4" x 3"	Offset	G.P.	60	500	V
	K-923	802003 Ruby	12" x 5/8" x 3"	Straight (15° face)	Stellite	80	CRW, VR-1000	V
	K-925	24078	12" x 5/8" x 3"	Straight	G.P.	60	CRW, VR-1000	V
	K-926	24079	10" x 1 1/4" x 3"	Recessed (15° face)		54	CRW	S
	K-927	802373	7 7/8" x 2" x 3"	Plate Mtd.		24	VR-1000	S
	K-928	-----	7" x 1 3/8" x 5/8"	Offset	G.P.	100	VRW	V
	K-929	-----	7" x 1 3/8" x 5/8"	Offset	Titanium	100	VRW	V
	K-930	-----	6" x 1 3/8" x 5/8"	Straight Cup		46	VRW	S
	K-770	75399	5" x 3/4" x 5/8"	Dish	G.P.	80	E, Y, YW, X, XA	V
SUNNEN	K-880	ST-BEV-1	6/5 1/2" x 1 3/8" x 3/4"	Flare Cup	G.P.	70	VR-6500	V
	K-881	S-F-2	5" x 1 3/8" x 3/4"	Recessed		60	VR-6500	S
	K-8231	-----	8 1/4" x 1 1/4" x 1 1/2"	Flare Cup		54	Sunnen VR-7000, 8000	S
	K-8260DT	-----	8" x 1 1/4" x 1 1/2"	Flare Cup	Diesel/Titanium		Sunnen VR-7000, 8000	
K.O. LEE SNAP-ON	K-770	OV5GH60	5" x 3/4" x 5/8"	Dish	G.P.	80	All models	V
	K-771	OV5GH80S	5" x 3/4" x 5/8"	Dish	Stellite	100	All models	V
	K-629	RV4KH60	4" x 1" x 5/8"	Offset		54	K-500C, K-403C	S
	K-646	RV4GQKMB	4" x 1" x 5/8"	Plate Mtd.		54	All models except K-500C, K-403C	S
IDL	K-8230	8230 White	8" x 1 1/4" x 1 1/2"	Flare Cup	G.P. & Stellite	80	All models	V
	K-8231	-----	8" x 1 1/4" x 1 1/2"	Flare Cup		54	All models	S
	K-8232	8230 Gray	8" x 1 1/4" x 1 1/2"	Flare Cup	G.P.	80	All models	V
	K-8260DT	-----	8" x 1 1/4" x 1 1/2"	Flare Cup	Diesel/Titanium	100	All models	V

* **NOTE:** USE OF WHEEL - "S" indicates stem grinding; "V" indicates valve face grinding.

AIR POWERED "C" CLAMP VALVE LIFTER

Operates on 90 lbs. max air pressure. Parallel lift will not bend valve stem. Includes two sets of quick-change jaws (RL-21 and RL-22C). Frame measures 9" x 10.5". Weighs only 6.5 lbs.



NEW & IMPROVED!
Sturdier frame; more rugged powerhead!
Features a standard 1/4" pipe, 45° street L connects with shop air.

Part No.	Description
RL-700N	Air Powered "C" Clamp Valve Lifter Includes RL-21 and RL-22C
RL-21	Small straight jaws for 7/8" to 1 1/8" diameters
RL-22C	Medium offset jaws for 1" to 2" diameters
RL-22CTS	Replacement thumb screw

REBUILD ITEMS FOR RL-700N

Part No.	Description
RL-700-1N	Replacement power head for RL-700N
RL-700N-SK	Rebuild kit for RL-700-1N

PARTS FOR RL-700 VALVE LIFTER

Replacement parts and rebuild items for the no longer available RL-700 Air Powered "C" Clamp Valve Lifter.

Part No.	Description
RL-21	Small straight jaws for 7/8" to 1 1/8" diameters
RL-22C	Medium offset jaws for 1" to 2" diameters
RL-23	Large straight jaws for 1 1/2" to 2 1/2" diameters
RL-22CTS	Replacement thumb screw

Rebuild Items for RL-700

RL-700-1-4	Cylinder rubber washer
RL-700-3A	Exhaust valve, complete
RL-700-3B	Intake valve, complete
RL-700-SK	Seal kit for RL-700-1

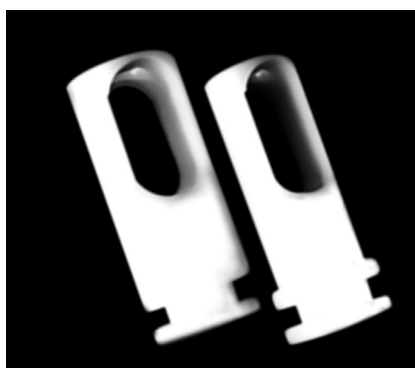


UNIVERSAL VALVE SPRING COMPRESSOR

For use on Toyota, Nissan, Mitsubishi and Mazda.

Specially designed to remove and install valve springs with the cylinder head on the engine and in the car or with the head removed. Tool comes complete with an "easy grip" handle and storage tray.

Part No. **SP-91400**



COMPRESSOR ADAPTERS

Adapters To Fit 2-Valve & 4-Valve Cylinder Heads

Designed to fit OHC heads. The 32mm adapter is intended primarily for 2-valve engines. The 27mm adapter works well on the smaller 4-valve engines.

Part No.	Size
RL-27mm	27mm O.D., 3" tall
RL-32mm	32mm O.D., 3" tall

VALVE KEEPER INSTALLER

For valve stem diameters from 5.5mm to 3/8"

Install valve keepers quickly and easily in just one step. Put keepers in the end of the magnet barrel, place over valve stem and push. Magnet helps hold keepers in place and prevents dropping. If you do accidentally drop the keepers, just use the magnet to retrieve them.

Part No.	Size
VKI-5.5mm	Fits 5.5mm valve stems
VKI-6mm	Fits 6mm valve stems
VKI-7mm	Fits 7mm valve stems
VKI-8mm	Fits 8mm valve stems
VKI-343	Fits 11/32" valve stems
VKI-375	Fits 3/8" valve stems



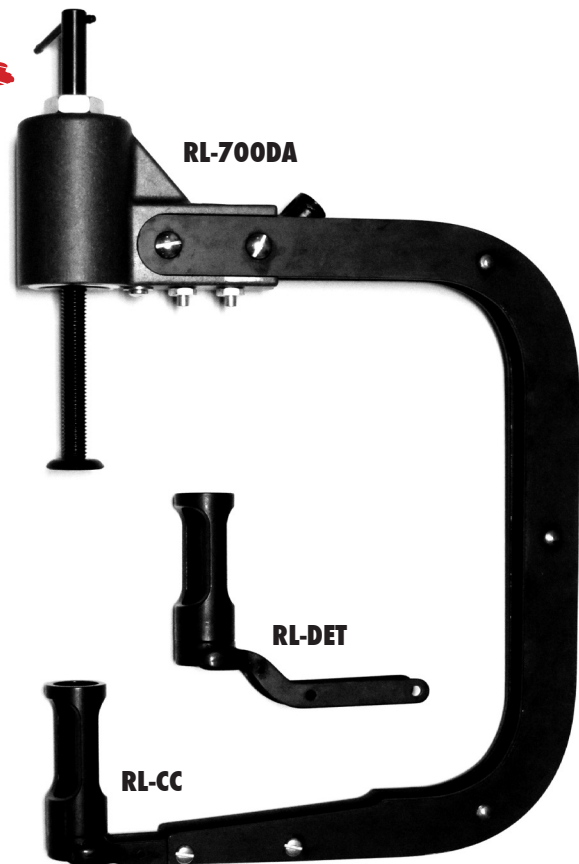
DIESEL AIR POWERED SPRING COMPRESSOR

Valve Spring Compressor for Heavy-duty Applications. Large 11" x 13½" frame; includes **RLD-22C** offset jaws and **RL-CC** recessed jaws for for Caterpillar and Cummins ISX.

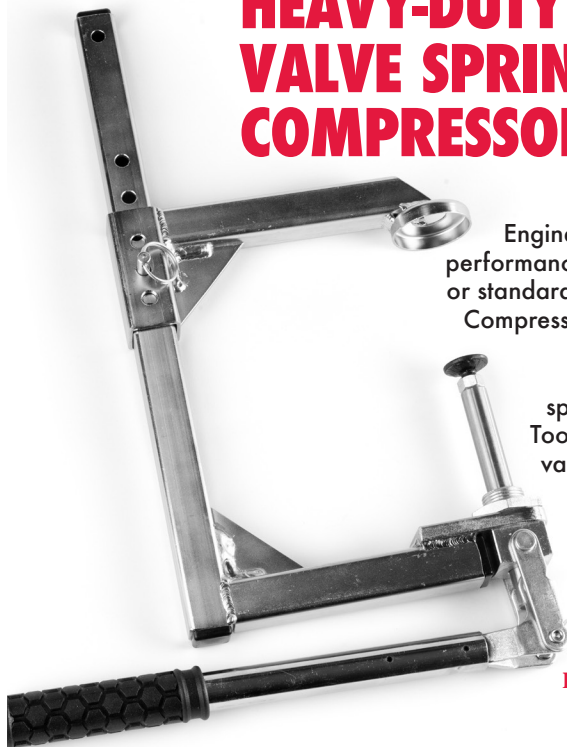
RL-DET jaws for Detroit sold separately.

Part No.	Description
RL-700DA	Valve Spring Compressor for Diesel Heads
RL-CC	Adaptor for Cummins and Caterpillar
RL-DET	Adaptor for Detroit 60 series
RL-700N-SK	Seal kit for RL-700N-SK
RLD-22C	Medium offset jaws for 1" to 2" diameters

NEW



MANUAL HEAVY-DUTY VALVE SPRING COMPRESSOR

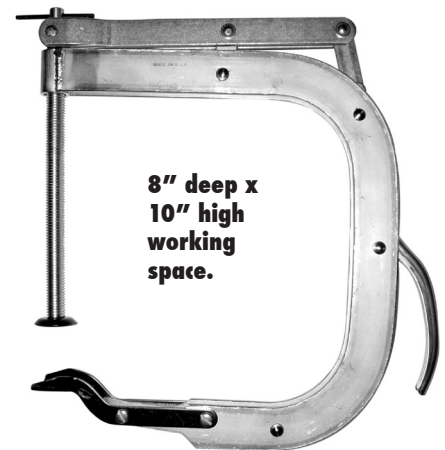


Engineered for high performance, heavy-duty or standard applications. Compressor will handle up to 750 lbs. of spring pressure. Tool has a sliding valve spring jam arm which allows for quick adjustment to valve spring.

Part No. **RL-750**

MANUAL VALVE SPRING COMPRESSOR

Features parallel lift and new quick-change jaws. Compressor includes one set of RL-22C medium offset jaws. Additional jaws are also available.



Part No.	Description
RL-711	Valve Spring Compressor with RC-22C and RL-21 adapter jaws
RL-21	Small straight jaws for 7/8" to 1 7/8" diameters
RL-22C	Medium offset jaws for 1" to 2" diameters
RL-22CTS	Replacement thumb screw
RL-23	Large straight jaws for 1 1/2" to 2 1/2" diameters

VALVE SPRING WORK



DISASSEMBLY TOOLS

Use your seat & guide machine for fast and safe valve spring disassembly and assembly. Chuck the tool in your seat & guide machine or drill press and use the quill to compress springs. Drop a keeper. Use the quill lock to keep your place with hands free.

Part No.	Plunger Size
CDT-101	.8125" O.D.
CDT-102	1" O.D.
CDT-103	1.25" O.D.
CDT-104	1.50" I.D.



HITE-MIKE

This tool makes old valve spring measuring methods obsolete. The Hite-Mike installs on the valve and retainer assembly as if it were a spring and directly reads installed height dimension. The expanding force of the tool simulates spring pressure for better accuracy.

Part No.	Installed Height Range
HM-130	1.300 - 1.850"
HM-150	1.500 - 2.100"



Use with a machinist's rule, telescope gauge, inside micrometer, calipers or a bolt cut to length to check exact factory installed spring height and pressure.

MINI VALVE SPRING TESTER

Fits in any bench vise, shop drill press, or seat & guide machine to check pressure on assembled cylinder heads.

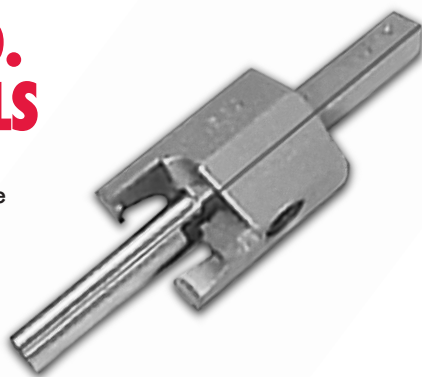
Part No.	Description
DA-300	0-300 lbs. range
DA-600	0-600 lbs. range

VALVE GUIDE O.D. MACHINING TOOLS

For All Press-On Valve Stem Seals
Carbide-tipped cutters accurately machine O.D. face and chamfer top of guide in minutes. Hardened and ground pilots fit any $\frac{3}{8}$ " or $\frac{1}{2}$ " electric drill.

Complete Assemblies

Part No.	Original Stem Dia.	Guide O.D After Machining
1434	$\frac{5}{16}$ "	.475" O.D.
1435	$\frac{5}{16}$ "	.415" O.D.
1436	$\frac{5}{16}$ "	.500" O.D.
1437	$\frac{5}{16}$ "	.530" O.D.
1438	$\frac{11}{32}$ "	.500" O.D.
1439	$\frac{11}{32}$ "	.530" O.D.
1440	$\frac{11}{32}$ "	.562" O.D.
1441	$\frac{3}{8}$ "	.500" O.D.
1442	$\frac{3}{8}$ "	.530" O.D.
1443	$\frac{3}{8}$ "	.562" O.D.
1444	$\frac{3}{8}$ "	.625" O.D.
1445	$\frac{7}{16}$ "	.625" O.D.

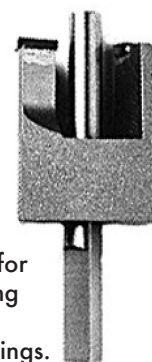


Available as Complete Assemblies or sold separately, below. Cutter Bodies and Pilots are interchangeable.

Cutter Bodies		Pilots	
Part No.	Size	Part No.	Size
1435A	.415"	1435B	$\frac{5}{16}$ "
1434A	.475"	1438B	$\frac{11}{32}$ "
1438A	.500"	1442B	$\frac{3}{8}$ "
1442A	.530"	1445B	$\frac{7}{16}$ "
1443A	.562"	-----	-----
1445A	.625"	-----	-----

VALVE SPRING SEAT CUTTERS

Carbide-tipped cutters for enlarging and correcting valve spring pads for oversize dual valve springs.



	Part No.	I.D. x O.D.
Cutter	1457	.625" x 1.350"
Bodies	1458	.625" x 1.500"
	1459	.625" x 1.750"
	1460	.625" x 1.476"
	1461	.625" x 1.570"
	1462	.625" x 1.635"
Pilots	Stem Diameter	
	1435B	$\frac{5}{16}$ "
	1438B	$\frac{11}{32}$ "
	1442B	$\frac{3}{8}$ "
	1445B	$\frac{7}{16}$ "

MANUAL VALVE SPRING TESTING STAND

A quick, simple and accurate way to test valve springs.

Portable!
Take stand with you anywhere.



Checks spring pressures up to 400 lbs.

This handy valve spring testing stand can go with you anywhere. Just put in the spring pressure gauge you need, set the height on the first spring and you're ready to go. Put your next spring in, pull down on the handle and read the pressure. It's quick, simple and accurate. This manual unit will check spring pressures up to 400 lbs.

NOTE: Valve Spring Pressure Gauge not included, please order separately (Part No. DA-300, at left).

Part No. **VST-400**

VALVE SPRING PRESSURE TESTER NEW

This spring tester is specifically designed for rapid testing and is well equipped to handle a variety of valve and clutch springs including the heavy duty diesel types up 2" in diameter and 4½" free length.

Specifications

Ram Travel.....4⁵/₈"
Upper Platform.....2¹/₄" dia.
Lower Platform.....3¹/₄" dia.
Height.....5³/₄" side x 10¹/₄" deep
Shipping Weight.....18lbs.



- ✓ Spring length scale is graduated in inches and centimeters.
- ✓ Spring pressure scale in pounds and kilograms .
- ✓ Rugged cast aluminum housing with base plate drilled for bench mounting.

Part No.	Description
69	0 - 500 lbs. in 2 lbs. and 2 kilo increments
70	0 - 1000 lbs. in 5 lbs. and 5 kilo increments
95	Calibration test spring
9112	Clear lens for 69 and 70 Valve Spring Testers

Part No.

SVA-1

Complete Kit Includes Collet Holder And Three Collets.

SMALL VALVE ADAPTER TOOL

Adapter for ½" chucks. Compatible with virtually all valve grinders today. Makes valve grinding easy for 4-valve automotive applications (domestic and foreign), as well as motorcycle, kart and lawnmower engines.

Kit Includes - collet holder and three collets.
Collets also sold individually.

Part No.	Description
SVA-1	COMPLETE KIT Includes collet holder and 3 collets listed below
SVA-2	Small Valve Adaptor Collet 4.76 - 5.15mm (.188 - .207")
SVA-3	Small Valve Adaptor Collet 5.55 - 5.95mm (.218 - .236")
SVA-4	Small Valve Adaptor Collet 6.00 - 6.5mm (.236 - .256")



VALVE KEEPER INSTALLER & REMOVER

Includes Two Sizes:

- Large 1⁵/₁₆" - 3³/₈" • Small 4.5 - 7.5mm

To Install Keepers, secure the valve with a rag or block to hold it up. Place spring over valve stem. Install keepers in retainer on valve stem. Position black installer tool over valve retainer. Push or tap installer to engage keepers in valve stem grooves.

To Remove Keepers, secure the valve with a rag or block to hold it up. Position the open end of handle over valve stem. Push or tap handle to compress spring. The keepers will attach to the magnet in the handle.

Part No. **K-36050**

VALVE SPRING INSERTS



Original VSI® inserts are now available from Regis. Superior to plain shims, VSI® inserts feature patented heat-retarding serrations so they correct and protect.

- Standard inserts are sold in boxes of 100. "S" indicates special, 25 per box. To order boxes of 500, add "RS" to the end of the part number (example: A-101RS). "HP" High-performance inserts are sold in boxes of 50.

CHOOSE THE TYPE OF INSERTS YOUR JOB REQUIRES:

- **Type A .060"** – Copper colored. Corrects assembled height and compensates for reduced pressure from "grind-in" when using in-service valve springs.
- **Type B .030"** – Silver colored. Compensates for loss of spring pressure, especially on new springs due to "heat-set" during break-in period.
- **Type C .015"** – Black colored. For valve spring balancing.



.060" Type A

Copper colored for spring in service. Features VSI® patented serrations.



.030" Type B

Silver colored for new springs. Features VSI® patented serrations.



.015" Type C

Black colored for balancing. Blue – temper steel for high performance.

		TYPE A .060"		TYPE B .030"		TYPE C .015"	
O.D.	I.D.	STD	HP	STD	HP	STD	HP
0.7600	0.5780	A204S	---	B204S	---	C204S	---
0.7960	0.5150	A204	A204HP	B204	B204HP	C204	C204HP
0.9150	0.6400	A202	A202HP	---	B202HP	C202	C202HP
0.9700	0.4450	---	---	---	B108HP	---	C108HP
1.0000	0.6880	A101	---	B101	---	C101	---
1.0000	0.7650	A104	---	B104	---	C104	---
1.1000	0.7190	A106	---	B106	---	C106	C106HP
1.1250	0.7190	A300	A300HP	B300	B300HP	C300	C300HP
1.1400	0.8120	A203S	---	B203S	---	C203S	---
1.1400	0.5700	A408	---	B408	---	---	---
1.1560	0.8280	A407	---	B407	---	---	---
1.2180	0.8750	A105	A105HP	B105	B105HP	C105	C105HP
1.2500	0.6800	A107S	A107SHP	B107S	B107SHP	C107S	C107SHP
1.2500	0.6250	A107	A107HP	B107	B107HP	C107	C107HP
1.2500	0.8750	A201	A201HP	---	B201HP	C201	C201HP
1.2500	0.8120	A203	A203HP	B203	B203HP	C203	C203HP
1.3110	0.8890	A308	---	---	---	---	---
1.3120	0.9540	A100	---	B100	---	C100	---
1.3120	0.7650	A302	A302HP	B302	B302HP	C302	C302HP
1.3120	0.7550	A409	---	B409	---	C409	---
1.3600	1.0000	A102	A102HP	B102	B102HP	C102	C102HP
1.3600	0.6400	A200	A200HP	B200	---	---	C200HP

		TYPE A .060"		TYPE B .030"		TYPE C .015"	
O.D.	I.D.	STD	HP	STD	HP	STD	HP
1.3750	0.7650	A301	A301HP	B301	B301HP	---	C301HP
1.3750	0.7810	A403	---	B403	---	---	---
1.4370	0.7850	A305	A305HP	B305	B305HP	---	C305HP
1.4370	0.6450	A306	A306HP	B306	B306HP	B306	B306HP
1.4400	1.0570	A109	---	B109	---	---	---
1.4800	0.7030	A303	A303HP	B303	B303HP	C303	C303HP
1.4800	0.7850	---	---	B410	---	---	---
1.5000	1.0310	A103	A103HP	B103	B103HP	C103	C103HP
1.5000	1.0000	---	---	---	---	C103S	---
1.5000	1.1560	A304	---	B304	---	---	---
1.5000	0.6450	A306S	A306SHP	B306S	B306SHP	C306S	C306SHP
1.5000	0.8750	A404	---	B404	---	---	---
1.5000	0.7650	---	A602HP	---	B602HP	---	C602HP
1.5000	0.5620	---	A603HP	---	B603HP	---	C603HP
1.6000	0.8200	A401	---	B401	---	---	---
1.6400	0.6350	---	A601HP	---	B601HP	---	C601HP
1.6500	1.1800	A400S	---	B400S	---	---	---
1.6870	1.2810	---	---	B402	---	---	---
1.7500	0.8200	A400	---	B400	---	---	---
1.7500	0.8900	A405	---	B405	---	---	---
1.7500	1.3280	A406	---	B406	---	---	---
1.9370	1.2500	---	A600HP	---	---	---	---

ENGINE PORTING KIT

35-piece kit contains a popular assortment of flap wheels, cartridge rolls, and spiral rolls for use on manifold ports, polishing heads and internal polishing. Grinding stone and mandrels are also included.

Part No. **EPK-1**

Replacement Parts

Part No.	Description	Qty.
EPF	Flap wheel, 60 grit, 1" x 1" x 1/4"	5
EPF-120	Flap wheel, 120 grit, 1" x 1" x 1/4"	5
EPC	Cartridge Roll, 80 grit, 5/8" x 1 1/2" x 1/8"	50
EPS-1	Spiral Roll, 80 grit, 1/2" x 1 1/2" x 1/8"	50
EPS-2	Spiral Roll, 80 grit, 5/8" x 2" x 1/8"	50
EPM-212	Roll mandrel, 1/8" x 3/4" x 2 1/2" OAL	1
EPM-458	Roll mandrel, 1/8" x 1" x 4 5/8" OAL	1



REPLACEMENT PORTING & POLISHING ABRASIVE PACKS AND MANDRELS

CONDITIONING DISCS

Part No.	Description	Qty.
CD-1-F	1" dia., fine	10
CD-1-M	1" dia., medium	10
CD-1-C	1" dia., coarse	10
CD-2-F	2" dia., fine	10
CD-2-M	2" dia., medium	10
CD-2-C	2" dia., coarse	10

CONDITIONING DISC HOLDERS

CDH-1	1" dia.	1
CDH-2	2" dia.	1

ABRASIVE FLAPWHEELS

1" wide, 1/4" x 20 thread

FW-1-120	1" dia., 120 grit	1
FW-2-80	2" dia., 80 grit	1
FW-2-120	2" dia., 120 grit	1

FLAPWHEEL MANDREL

CBFW-MAN	Mandrel	1
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FULL-TAPERED CARTRIDGE ROLLS

1 1/2" long, 1/8" hole

Part No.	Description	Qty.
CRT-375-40	3/8" dia., 40 grit	50
CRT-375-80	3/8" dia., 80 grit	50
CRT-375-120	3/8" dia., 120 grit	50
CRT-500-40	1/2" dia., 40 grit	50
CRT-500-80	1/2" dia., 80 grit	50
CRT-500-120	1/2" dia., 120 grit	50

HALF-TAPERED CARTRIDGE ROLLS

1 1/2" long, 1/8" hole

CRHT-375-40	3/8" dia., 40 grit	50
CRHT-375-80	3/8" dia., 80 grit	50
CRHT-375-120	3/8" dia., 120 grit	50
CRHT-500-40	1/2" dia., 40 grit	50
CRHT-500-80	1/2" dia., 80 grit	50
CRHT-500-120	1/2" dia., 120 grit	50

STRAIGHT CARTRIDGE ROLLS

1 1/2" long, 1/8" hole

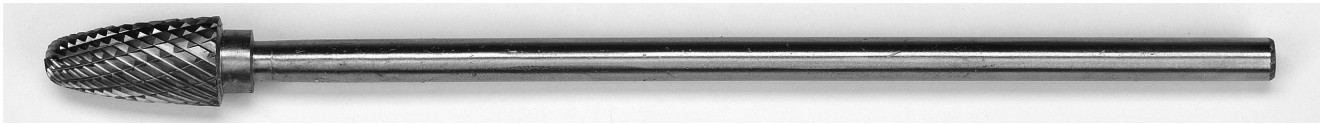
Part No.	Description	Qty.
CRS-250-40	1/4" dia., 40 grit	50
CRS-250-80	1/4" dia., 80 grit	50
CRS-250-120	1/4" dia., 120 grit	50
CRS-375-40	3/8" dia., 40 grit	50
CRS-375-80	3/8" dia., 80 grit	50
CRS-375-120	3/8" dia., 120 grit	50
CRS-500-40	1/2" dia., 40 grit	50
CRS-500-80	1/2" dia., 80 grit	50
CRS-500-120	1/2" dia., 120 grit	50
CRS-750-40	3/4" dia., 40 grit	50
CRS-750-80	3/4" dia., 80 grit	50
CRS-750-120	3/4" dia., 120 grit	50

ROLL MANDRELS

1/8" pilot, 1/4" dia.

RM-4	4" long	1
RM-6A	6" long	1

PORTING & POLISHING



SOLID CARBIDE ROTARY FILES

Porting tool used to open chamber pocket areas or crankshafts.

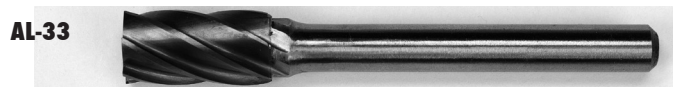
Part No.	Shape	Size	Shaft
X-31	Rounded tree	1/2" x 1"	1/4" diameter
X-31L	Rounded tree	1/2" x 1"	1/4" diameter, 6" long
X-66	Cone	3/8" x 5/8"	1/4" diameter
X-66L	Cone	3/8" x 5/8"	1/4" diameter, 6" long
X-76	Cone	1/2" x 7/8"	1/4" diameter



CARBIDE "X SERIES" ROTARY FILES

Double-cut "X Series" allow for rapid stock removal in harder materials. They also work extremely well for general purpose applications. The addition of left hand flutes reduces the pulling action, allowing better operator control. It reduces the size of the chips and can be used at over than normal speeds.

Part No.	Shape	Size	Shaft
X-110	Cone	1/2" x 60°	1/4" diameter
X-21	Chamfer	3/4" x 90°	1/4" diameter
X-24	Rounded tree	3/8" x 3/4"	1/4" diameter
X-30	Chamfer	3/4" x 60°	1/4" diameter
X-31	Rounded tree	1/2" x 1"	1/4" diameter
X-32	Cylinder ball nose	3/8" x 1"	1/4" diameter
X-33	Cylinder flat end	3/8" x 1"	1/4" diameter
X-44	Round nose cone	3/4" x 1 1/2"	1/4" diameter
X-62	Cylinder ball nose	5/8" x 1"	1/4" diameter
X-75	Ball	3/4" dia.	1/4" diameter
X-76	Cone	1/2" x 7/8"	1/4" diameter
X-93	Cylinder flat end	5/8" x 1"	1/4" diameter
X-112	Cylinder flat end	1" x 1"	1/4" diameter



ROTARY FILES FOR ALUMINUM

Designed for use on aluminum, non-ferrous metals, soft steel, reinforced plastics and other soft materials. The high flute finish is for easy chip flow and fast stock removal. Also provides an excellent finish with minimal loading when cutting soft, sticky metal.

Part No.	Shape	Size	Shaft
AL-24	Rounded tree	3/8" x 3/4"	1/4" diameter
AL-31	Rounded tree	1/2" x 1"	1/4" diameter
AL-32	Cylinder ball nose	3/8" x 1"	1/4" diameter
AL-33	Cylinder flat end	3/8" x 1"	1/4" diameter
AL-62	Cylinder ball nose	5/8" x 1"	1/4" diameter
AL-75	Ball	3/4" dia.	1/4" diameter
AL-93	Cylinder flat end	5/8" x 1"	1/4" diameter



LAYOUT FLUID & SPRAY

Blue and red layout fluid in 8 oz. bottles with dauber brush. Great for aligning parts, locating high spots, porting and many other shop uses. Or choose Toolmaker's Blue Layout Ink in a 16 oz. spray can. Non-corrosive. Heat resistant with good adhesion to all metals and glass.

Part No.	Description
DC-8B	Blue Layout Fluid, 8 oz.
DC-8R	Red Layout Fluid, 8 oz.
RG-16358	Blue Spray, 16 oz.



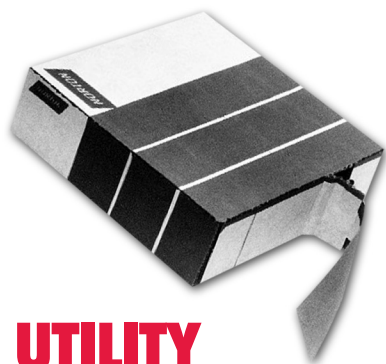
PENCIL DIE GRINDER

Ideal for small diameter and tight spaces. Air inlet $\frac{1}{4}$ " NPT, $\frac{1}{8}$ " collet size. Recommended air pressure 90 psi. Minimum hose size $\frac{3}{16}$ " I.D., Length 5.25". 54,000 rpm Pencil Die Grinder includes (10) $\frac{1}{8}$ " shank stones, (2) 9mm wrenches, $\frac{1}{4}$ " coupler, air tool oil bottle and oiler in a convenient blow mold storage case with built-in regulator.

Part No. **SX-245**

COMPLETE KIT INCLUDES:

- (10) $\frac{1}{8}$ " shank stones
- (2) 9mm wrenches
- (1) $\frac{1}{4}$ " coupler
- (1) air tool oil bottle and oiler in a convenient blow mold storage case with built-in regulator.



UTILITY ROLLS

Remove gaskets, rust, corrosion or paint from any part of the engine. 50 yard roll in a dispenser box.

1" Wide/Grit	1- $\frac{1}{2}$ " Wide/Grit	2" Wide/Grit
RUR-1/80	RUR-1$\frac{1}{2}$/80	RUR-2/80
RUR-1/120	RUR-1$\frac{1}{2}$/120	RUR-2/120
RUR-1/180	RUR-1$\frac{1}{2}$/180	RUR-2/180
RUR-1/240	RUR-1$\frac{1}{2}$/240	RUR-2/240
RUR-1/320	RUR-1$\frac{1}{2}$/320	RUR-2/320

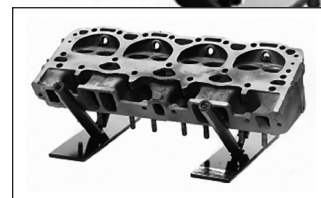
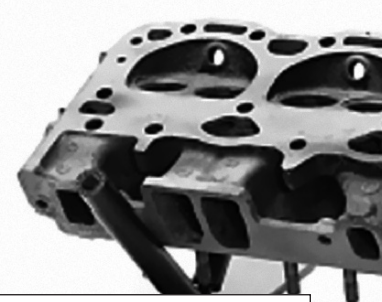


HEAD HOLDERS

Holds heads securely, at just the right height! Makes cylinder heads more accessible and easier to work on. Head can be mounted either side up. Will stand rigid on uneven surfaces. Tapered pins fit any size cylinder head bolt hole – these pins "lock" holder into bolt hole. Loosens easily with a quick twist.

★ **Discount when you order 6 or more!**

Part No. **RKH-102**



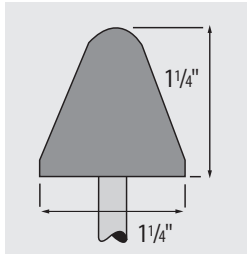
BENCH HEAD STAND

This premium-quality head stand is designed for use on most cylinder heads. Rails are covered with special slip-resistant neoprene to firmly hold the head during crack repair, seat grinding, porting, etc.

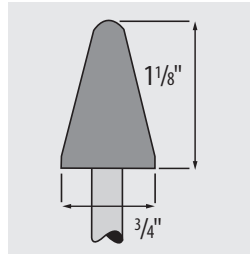
Part No. **RKH-200**

MOUNTED WHEELS AND POINTS

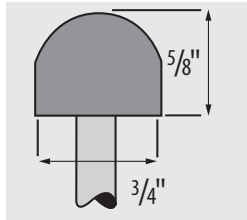
All mounted wheels and points feature $\frac{1}{4}$ " shanks.



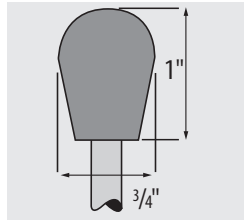
Part No. **A-4W**



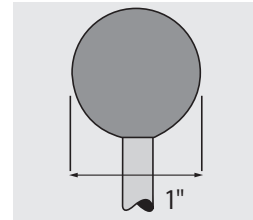
Part No. **A-5W**



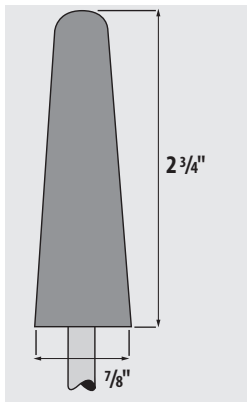
Part No. **A-22W**



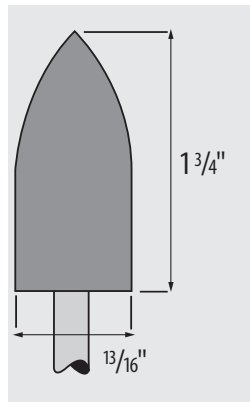
Part No. **A-23W**



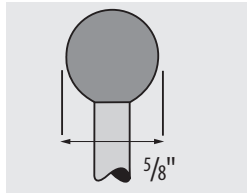
Part No. **A-25W**



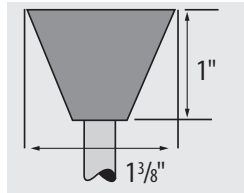
Part No. **A-3W**



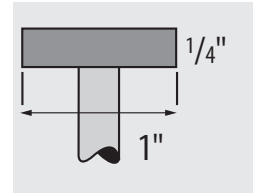
Part No. **A-11W**



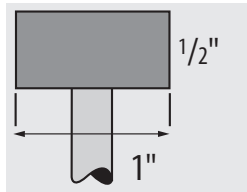
Part No. **A-26W**



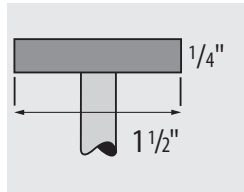
Part No. **A-31W**



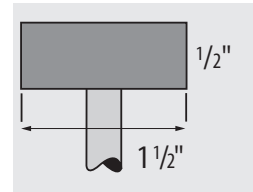
Part No. **W-216**



Part No. **W-218**



Part No. **W-235**



Part No. **W-236**



AIR DIE GRINDER

$\frac{1}{4}$ " collet type with rear exhaust. Perfect size and specs for use with our porting/polishing tools.

SPECIFICATIONS

Speed	22,000 rpm
Collet Size	$\frac{1}{4}$ " diameter
Air Inlet Size	$\frac{1}{4}$ " npt
Hose Size	$\frac{3}{8}$ " I.D.
Air Pressure	90 PSI
Air Consumption	8 CFM
Length	$6\frac{1}{4}$ " long
Weight	$1\frac{1}{4}$ lbs.

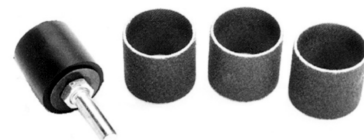
Part No. **RX-230**



MOUNTED POINT DRESSER

A quality, heavy-duty, bench-mounted point dresser. Easy to use: mount point in die grinder and apply with pressure to dresser. Includes 37-piece cutter set ($1\frac{1}{2}$ " diameter with $\frac{5}{8}$ " arbor).

Part No.	Description
RMP	Mounted Point Dresser
RMPC	Replacement Cutter Set



ROTARY SPIRAL BANDS

A great way to finish out those hard to reach areas. One-inch rubber expanding drum allows abrasive sleeves to be easily removed or replaced. Expanding Mandrel has a $\frac{1}{4}$ " diameter shank which will fit any drive unit.

Part No.	Description
RM-6916	Expanding Mandrel, 1" x 1" ($\frac{1}{4}$ " dia. shank)
RSB-36	Spiral Band, 36 grit
RSB-60	Spiral Band, 60 grit
RSB-80	Spiral Band, 80 grit

Order 5 or more belts,
take 10% off.



ABRASIVE BELTS FOR PLATEN GRINDERS

■ BLUE ZIRCON BELTS

Fast cutting, long life. Well-suited for production work. Use with medium to light down pressure. Blue Zirconium abrasive is ideal for use on steel and cast iron. Available in 40 grit or new 24 grit for exhaust manifolds.

■ SILICON CARBIDE BELTS

Use this quality silicon carbide belt on machines with medium to light down pressure. Silicon Carbide abrasive works best on cast iron and aluminum. Available in 40 or 80 grit.

■ SEEDED GEL/CERAMIC BELTS

This premium belt has ceramic grain for faster cutting action and longer life. Use with heavy down pressure. Available in 40 grit.

Size	BLUE ZIRCON Part No.	SILICON CARBIDE Part No.	SEEDED GEL CERAMIC Part No.	Grit	Fits Machines
11 ⁷ / ₈ " x 76"	WNN-1240	WNS-1240 WNS-1280		40 80	Winona BG-600
11 ⁷ / ₈ " x 79"	ABN-1224 ABN-1240	ABS-1240 ABS-1280		24 40 80	Rogers RMC-700, Peterson/K-I 1203
11 ⁷ / ₈ " x 89"	SEN-1224 SEN-1240	SES-1240 SES-1280		24 40 80	Serv-Equip SE-1229, Rogers RMC 800, Winona PG-1229, Comec SPN-800
11 ⁷ / ₈ " x 91 ¹ / ₂ "	KBN-1224 KBN-1240	KBS-1240 KBS-1280		24 40 80	Peterson RG-1234, Kansas Instruments
14" x 86"	ACN-1424 ACN-1440	ACS-1440 ACS-1480		24 40 80	Auto Crafters 1486
14" x 103"	MTN-1424 MTN-1440	MTS-1440 MTS-1480	MTG-1440	24 40 80	Master, Serdi (some), Rogers (5 hp) PS-3514A, PS-3514A1, PS-3514, PS-3514-1
14" x 107"	KWN-1424 KWN-1440	KWS-1440 KWS-1480	KWG-1440	24 40 80	Kwik-Way 870
14" x 113 ¹ / ₄ "	ABN-1440	ABS-1440 ABS-1480	ABG-1440	40 80	Storm/Anderson AB-1000A, Peterson/K-I/A&A PG-1400
15" x 127 ¹ / ₂ "	ABN-1524 ABG-1540	ABN-1540 ABS-1580	ABG-1540	24 40 80	Storm Vulcan/Anderson AB-1540A, Peterson/K-I/A&A PG-1500, Winona Van Norman BR-1500, IDL

RESURFACING COOLANT

Synthetic, water-soluble chemical coolant mixes readily in hard or soft water. Not subject to bacterial decomposition. Rust inhibiting.

Not Recommended For Aluminum.

Concentrate: Mix 1 gallon to 35 gallons of water. Light green.

For Aluminum, Use Our Multi-Purpose Grinding Coolant

Professional grade, pink, synthetic, water-soluble coolant. **Concentrate:** Mix 30 to 1 for cast iron; 40 to 1 for aluminum.

Part No.	Description
MK-1	1 gallon
MK-5	5 gallons



ROTARY BROACH CUTTER

For Van Norman 530 & 570
 1/2" x 2" replacement
 cutter. (Mfg. No. 570-00065)

★ **Discount when you order
 8 or more!**

Part No. **K-570**



STUD STRETCHERS

Fast and convenient way to mount
 an import head for resurfacing.
 Two sizes available to fit 8mm or
 10mm studs. **Sold in packs of 2.**

Part No.	Description
RSE-8MM	Fits 8mm x 1.25 studs
RSE-10MM	Fits 10mm x 1.25 studs



REGIS SURFACE GRINDING WHEELS

Order 2 or more Surface Grinding Wheels, take 10% off.

Regis Surface Grinding Wheels feature high-quality abrasives to deliver consistent performance at an economical price.

	Part No.	Model Number(s)	Diameter x Height x Face
WINONA, VAN NORMAN	K-560-1	560,557	14" x 2" x 1 1/2"
	K-562	562, 561	14" x 2" x 2"
	K-566	564, 566	16" x 2" x 1 1/2"
	K-555	555	11" x 1 1/2" x 3"
LEMPCO, KWIK-WAY	K-545	545, 545A, 855	12" x 3" x 1 1/4"
	K-545B	545B, 855-5, 856	14" x 3" x 1 1/2"
	K-545BL	545BL, 860, L&T	16" x 3" x 1 1/2"
PETERSON	K-48	Dry machine; all 14" plate mounted	14" x 1 1/2" x 4" - 24 grit
	K-48F	Dry machine; all 14" plate mounted	14" x 1 1/2" x 4" - 30 grit
	K-49	Wet machine; 950, 952, nut inserted	14" x 2" x 2"
	K-50	Wet machine; 1054, nut inserted	16" x 2" x 2"

CALL 1-800-527-7604

FOR FAST, SAME-DAY SHIPPING We normally ship UPS, but we will utilize any other method you request - USPS, DHL, or truck. UPS next day, second day and three day select are also available on your request. Our shipping department will make every effort to ensure that your order is shipped the same day it is received.



KB-35



KBK-10, 12



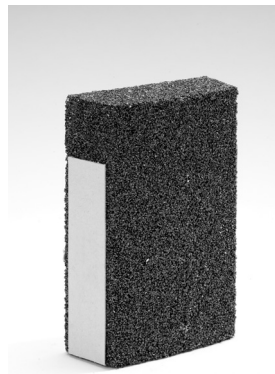
KB-10, 12, 14



KBS-8, 10



KB-1023A



KB-8



GRINDING COOLANT

Professional grade, pink, synthetic, water-soluble coolant with excellent anti-rust properties. Bacterial fungal resistant. **MULTI-PURPOSE** – Ideal for flywheel, crankshaft, camshaft, platen and surface grinding.

Concentrate: Mix 30 to 1 for cast iron; 40 to 1 for aluminum.

Part No.	Description
MK-1	One gallon
MK-5	Five gallons

SURFACE GRINDING SEGMENTS

Regis Surface Grinding Segments Are Sold As Sets.

	Part No.	Fits Model No.	# of Segments	Size	Diameter
WINONA, VAN NORMAN	KB-8	SM-2000	8	65 x 25 x 100mm	13 ⁷ / ₈ "
	KB-10	SM-4000/5000, MG-4000	10	65 x 25 x 100mm	13 ⁷ / ₈ "
	KB-14	SM-6000C/6000A	14	65 x 25 x 100mm	17 ³ / ₄ "
KWIK-WAY	KBK-10	858	10	65 x 20 x 100mm	14"
	KBK-12	862	12	65 x 20 x 100mm	16"
PETERSON	KB-14	1055 AWL	14	65 x 25 x 100mm	18"
	KB-35	RG-35/300/900	10	1 ⁶³ / ₆₄ " x 2 ¹ / ₃₂ " x 3 ⁹ / ₁₆ "	13"
BERCO	KB-8	RSC-950, SPY320/1000/1300	8	65 x 25 x 100mm	12"
	KB-10	RSC-1200 (14"), SPC-361, SPY-360, RSC-1550	10	65 x 25 x 100mm	14"
	KB-1023A*	RSC-1200 (14"), SPC-361, SPY-360, RSC-1550	10	65 x 25 x 100mm (salt & pepper)	14"
	KB-12	RSC-1200 (16"), RPYS-1500, RSC-1550	12	65 x 25 x 100mm	16"
STORM VULCAN	KBS-8	RT-17Y	8	3 ¹ / ₈ " x 1 ³ / ₁₆ " x 3 ¹ / ₈ "	12 ⁵ / ₈ "
	KBS-823A*	RT-17Y	8	3 ¹ / ₈ " x 1 ³ / ₁₆ " x 3 ¹ / ₈ "	12 ⁵ / ₈ "
	KBS-10	RT-7, RT-17Y	10	3 ¹ / ₈ " x 1 ³ / ₁₆ " x 3 ¹ / ₈ "	14 ¹ / ₂ "
	KBS-1023A*	RT-7, RT-17Y	10	3 ¹ / ₈ " x 1 ³ / ₁₆ " x 3 ¹ / ₈ "	14 ¹ / ₂ "
	KB-10	RT-7, RT-17Y	10	65 x 25 x 100mm	16"
	KB-1023A*	RT-7, RT-17Y	10	65 x 25 x 100mm	16"

*NOTE: 23A wheel segments are for steel and other hard materials.



CBN & PCD CUTTERS

The very latest CBN (Cubic Boron Nitride) and PCD (Polycrystalline Diamond) replacement cutters for your milling heads. Delivers a fresh, clean cut on all shop work. Choose single-sided or double-sided CBN cutters. Double-sided CBN cutters are also available with **Titanium coating for extra long life.**

IMPORTANT: Use CBN cutters for aluminum alloy, cast iron and diesel heads. Use PCD cutters only on aluminum.

Part No.	Thick	Description
CBN CUTTERS		
CBN-12	1/8"	1/2" round, double-sided cutter
CBN-12TC	1/8"	Titanium coated CBN-12
CBNS-12	3/16"	1/2" round, single-sided cutter
CBNS-12TC	3/16"	Titanium coated CBNS-12
CBN-12-316	3/16"	1/2" round, double-sided cutter
CBNS-12DA	1/8"	1/2" round, single-sided cutter; For diesel applications (1/2" shims included)
CBN-38	1/8"	3/8" Round, double-sided cutter
CBN-38TC	1/8"	Titanium coated CBN-38
CBNS-38	1/8"	3/8" round, single-sided cutter
CBNS-38TC	1/8"	Titanium coated CBNS-38
PCD CUTTERS		
PCDS-12	1/8"	1/2" round, single-sided cutter
PCDS-38	1/8"	3/8" round, single-sided cutter

NOTE - 3/8" and 1/2" shims available upon request.



LUMA-LUBE

A great finishing fluid for surfacing aluminum heads. Luma-Lube prevents base material from sticking to the CBN or PCD. Use on iron to minimize rusting of fresh surface after washing. Use in spray bottle.

Part No.	Quantity
AL-6800	1 pint (16 oz.)
AL-6801	1 quart (32 oz.)
AL-6802	1 gallon (128 oz.)



BB-10 Complete Assembly Replacement Cutter Set
BB-14



BB-17 Complete Assembly Replacement Cutter Set
BB-17A



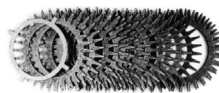
BB-10L Complete Assembly Replacement Cutter Set
BB-18



BB-50 Complete Dresser Assembly



BB-57 Complete Dresser Assembly



DESMOND DRESSERS FOR SURFACE GRINDERS

Part No.	Description	Fits Machines
BB-10	Complete Assembly	Storm RT-7Y, RT-17Y, 360A, Van Norman, Peterson
BB-14	Set of 14 loose cutters	Storm RT-7Y, RT-17Y, 360A, Van Norman, Peterson
BB-17	Complete Assembly	Peterson (dry grinder), Berco late model 1200 & 1550
BB-17A	Set of 8 cutters & 5 spacers	Peterson (dry grinder), Berco late model 1200 & 1550
BB-10L	Complete Assembly	Kwik-Way; Lempco 885, 855-5, 856, 860
BB-18	Set of 14 loose cutters	Kwik-Way; Lempco 885, 855-5, 856, 860
5H	Set of 4 cutters & 2 spacers*	Berco early model 1200 & 1550

STONE DRESSERS

FOR WINONA FG-3000, 5000, 7000 FLYWHEEL GRINDING MACHINES

Part No.	Description
BB-50	Complete Dresser Assembly
BB-50A	Replacement Cutter Set

FOR OLCOTT, DCM TECH & OTHER FLYWHEEL GRINDERS USING BLANCHARD DRESSERS

Part No.	Description
BB-57	Complete Dresser Assembly
BB-57A	Replacement Cutter Set



HEAD HOLDERS

HOLDS HEADS SECURELY, AT JUST THE RIGHT HEIGHT! Makes cylinder heads more accessible and easier to work on. Head can be mounted either side up. Will stand rigid on uneven surfaces. Tapered pins fit any size cylinder head bolt hole – these pins “lock” holder into bolt hole. Loosens easily with a quick twist.

★ **Discount when you order 6 or more!**

Part No. **RKH-102**



ROCKER ARM STUD REMOVER

Made to remove studs manually or with an impact wrench. Threaded mandrel is equipped to pull both $\frac{5}{16}$ " and $\frac{3}{8}$ " studs.

Part No.	Description
RSP	Complete Tool
RSM	Threaded Mandrel only



ROCKER ARM STUD TOP GUIDE

FOR SMALL BLOCK CHEVY

Use to remove factory installed rocker studs. Position tool over side-by-side studs, screw down on the retaining nut, and the stud is forced out. Assures accurate alignment when tapping the boss screw-in stud, just use the tool with supplied arbor.

Part No. **SB-4363**



BENCH HEAD STAND

This premium-quality head stand is designed for use on most cylinder heads. Rails are covered with special slip-resistant neoprene to firmly hold the head during crack repair, seat grinding, porting, etc.

Part No. **RKH-200**



STUD BOSS CUTTER KIT

Convert heads equipped with the factory pressed-in rocker arm studs to more efficient screw-in studs.

Part No.	Description
SBC	COMPLETE KIT - Stud Boss Cutter Includes one of each below.
SBC-1	#3 Morse Taper Cutter
SBC-2	Chamfer Tool, counter sink
SBC-3	$\frac{7}{16}$ " x 14 Tap
SBC-4	$\frac{3}{8}$ " Pilot
TW-3/8	$\frac{3}{8}$ " HSS Drill Bit
SBC-5	Optional $\frac{7}{16}$ " Pilot*

*Not included with kit.



3/8" STUD BOSS CUTTER

FOR SMALL BLOCK CHEVY

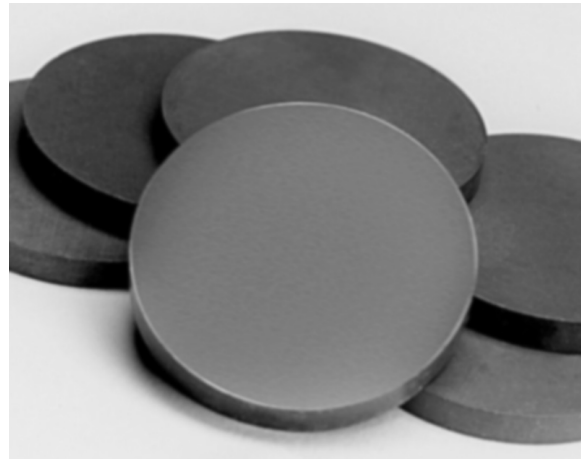
Use with hand drill or seat & guide machine to cut (face) bosses without removing rocker arm studs for correct alignment to head. **Complete with 2 carbide blades and depth control set screw.**

Part No.	Cutter Dia. $\frac{11}{16}$
SB-9311	Boss Cutter w/2 Blades
SB-9312	Carbide Cutter Blade (2 required)
PTP-10	$\frac{3}{8}$ " Pilot (use w/studs removed)

VALVE ADJUSTMENT DISCS

COMPLETE KITS

Part No.	Diameter	Application
VAD-25-KIT Kit Includes 2 Of Each Thickness:	25mm	Honda, Toyota Corolla, Nova, Prism
	2.30, 2.35, 2.40, 2.45, 2.50, 2.55, 2.60, 2.65, 2.70, 2.75, 2.80, 2.85, 2.90, 3.00, 3.05, 3.10, 3.15, 3.20, 3.25, 3.30, 3.35, 3.40, 3.45, 3.50	
VAD-28-KIT Kit Includes 4 Of Each Thickness:	28mm	Toyota, 1.9 motor, 4AFE
	2.50, 2.55, 2.60, 2.65, 2.70, 2.75, 2.80, 2.85, 2.90, 3.00, 3.05, 3.10, 3.15, 3.20, 3.25, 3.30	
VAD-31-KIT Kit Includes 5 Of Each Thickness:	31mm	VW, Audi
	3.05, 3.10, 3.15, 3.20, 3.25, 3.30, 3.35, 3.40, 3.45, 3.50, 3.55, 3.60, 3.65, 3.70, 3.75, 3.80, 3.85, 3.90, 4.00, 4.05, 4.10, 4.15, 4.20	
VAD-34-KIT Kit Includes 4 Of Each Thickness:	34mm	Toyota V6, 3VGE, and 3VZE Truck
	2.20, 2.25, 2.30, 2.35, 2.40, 2.45, 2.50, 2.55, 2.60, 2.65, 2.70, 2.75, 2.80, 2.85, 2.90, 3.00, 3.05, 3.10, 3.15, 3.20, 3.25, 3.30, 3.35, 3.40	



INDIVIDUAL SIZES

To order individual size discs, select the diameter from the chart below and specify the thickness.

Sold individually

Diameter	Part No.
25mm	VAD-25 (specify thickness)
27mm	VAD-27 (specify thickness)
28mm	VAD-28 (specify thickness)
31mm	VAD-31 (specify thickness)
34mm	VAD-34 (specify thickness)

VALVE ADJUSTMENT TOOLS

FOR TOYOTA/LEXUS AND NISSAN

For overhead camshaft engines using spacer shims. The tip of the pliers pushes between the valve adjustment disc and the camshaft as the pliers are squeezed closed. Insert the wedge tool and remove the valve adjustment disc for proper size. For Toyota / Lexus pliers and wedge.

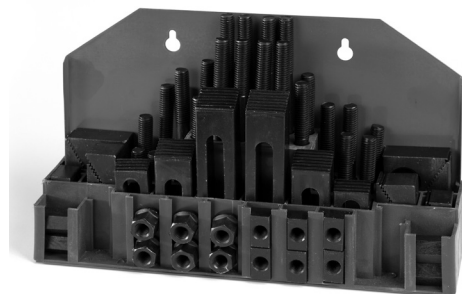
Part No. **K-88250**



VALVE ADJUSTMENT DISC RESIZING HOLDER

Save time and money by resizing your existing valve adjustment discs with your valve refacer! Powerful magnets hold disc securely in place when resizing.

Part No. **VAD-HOLDER**



CLAMPING KIT AND HOLDER

5/8" T-slot Size Fits Popular Bridgeport Milling Machines.

58-Piece Clamping Kit Contains:

- 6 T-slots nuts
- 6 flange nuts
- 4 coupling nuts
- 6 step blocks
- 12 step clamps
- 24 studs (4 each of 3", 4", 5", 6", 7", 8" length)
- Metal holder

Part No. **M-7715**



SPARK PLUG HOLE THREAD CHASER

Double-ended for both 14mm and 18mm threads. Cleans threads in spark plug hole. Use with $\frac{13}{16}$ " spark plug socket. (6 oz. shipping weight, skin-packed.)

Part No. **K-2020**



BROKEN SPARK PLUG REMOVER

Removes broken spark plugs from 2004 and newer Ford Triton 3 valve engines. Includes a unique porcelain pusher tool and tapered left hand thread remover for removing the broken spark plug without leaving the porcelain in the engine cylinder.

Part No. **K-6560**



MAGNETIC WASHER REMOVER

This double ended tool has three small magnets on each end, designed to aid in removing hard to reach washers that are around most types of studs. Can also be used to remove valve adjusting buckets and pucks.

Part No. **SP-67700**

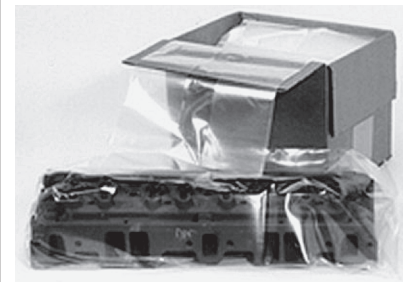


EXHAUST MANIFOLD SPREADER

FOR REINSTALLING THE MANIFOLD ON SMALL BLOCK CHEVROLETS.

A simple way to expand warped manifolds so all bolt holes are accurately aligned. Helps prevent cross-threading of manifold bolts. Works best when used in pairs – or install before removing manifold to prevent misalignment.

Part No. **K-1300**



PLASTIC BAGS

Protect your finished work with a REGIS heavy-duty plastic bag. Gusseted bag holds cylinder heads and crankshafts. Extra large bag holds engines and blocks.

Part No.	Size/Description
FITS HEADS & CRANKSHAFTS	
CB-10836	10" x 8" x 36" (Gusseted)
100 bags	.3 mil thickness
FITS ENGINES & BLOCKS	
EB-4050	40" x 50"
100 bags	.2 mil thickness
FITS ALL DIESEL CYLINDER HEADS	
CBD-201562	20" X 15" X 62"
50 bags	.5 mil thickness NEW

BALANCE SHAFT ELIMINATORS



KIT FOR CHRYSLER/ MITSUBISHI 2.6L

Part No. **BSEK-1**

Kit Includes - replacement bushing, balance shaft replacement pin, oil pump drive chain, chain guide, crank guide, crank gear, oil pump gear.



KIT FOR CHRYSLER/ MITSUBISHI 2.6L

Part No. **BSEK-2**

Kit Includes - replacement bushing, balance shaft replacement pin, oil pump drive chain.



KIT FOR CHRYSLER/ MITSUBISHI 1.8L, 2.0L, 2.4L, G62B, G63B, G64B, 4G64B

Part No. **BSEK-3**

Kit includes - upper and lower bushings, balance shaft replacement pin, oil galley block-off plug.



JET VALVE ELIMINATOR

Plugs jet valve holes when using a jet head in a non jet application. Replaces valve number MD009440. Fits Chrysler, Mitsubishi 2.6L.
Sold 4 per pack

Part No. **RJVE-156**



ADD A SEVENTH HOLE ADAPTER

Use early Chevy heads in '78 and later applications without changing exhaust manifolds.

Part No. **AH-34**



NEW

RSH-PILOT

REAR MAIN SEAL HOLDERS AND ALIGNMENT PILOT

Conversion Rear Main Seal Holders. Put old cranks in new blocks. The choice is yours in using a late style oil pan. Will enable a rebuilder to install a 2-piece design crankshaft in a 1-piece seal design application. Without the use of the RSH-PILOT alignment tool or the appropriate use of a dial indicator to verify alignment of the seal holder with the center line of the crankshaft, severe oil leaks and engine failure may occur. **Sold separately**

Part No.	Application	Oil Pan
RSH-350	Rear Main Seal Holder	Newer style
RSH-PILOT	Alignment Pilot	

THREAD REPAIR KITS



A QUICK AND SIMPLE WAY TO REPAIR STRIPPED OR DAMAGED THREADS.

Recoil inserts are made from high-quality, stainless steel wire with a diamond-shaped cross section, wound to the shape of the spring thread. The insert that is larger in diameter than the tapped hole is compressed during installation then allowed to spring back, permanently anchoring into place. Complete Kits - include stainless steel, helically wound, precision inserts; installation tool, tap and instructions.

Size	Complete Kit	Inserts Per Kit	Insert Packs	Qty	Installation Tool	Qty	STI Plug	Qty	Extracting Tool	Qty
UNC										
1/4" - 20	33045	10	23043	10 inserts	50188	1	43041	1	50002	1
5/16" - 18	33055	10	23053	10 inserts	50219	1	43051	1	50002	1
3/8" - 16	33065	10	23063	10 inserts	50281	1	43061	1	50002	1
7/16" - 14	33075	5	23073	10 inserts	50344	1	43071	1	50003	1
1/2" - 13	33085	5	23083	10 inserts	50375	1	43081	1	50003	1
UNF										
1/4" - 28	34045	10	24043	10 inserts	50188	1	44041	1	50002	1
5/16" - 24	34055	10	24053	10 inserts	50250	1	44051	1	50002	1
3/8" - 24	34065	10	24063	10 inserts	50313	1	44061	1	50002	1
7/16" - 20	34075	5	24073	10 inserts	50344	1	44071	1	50003	1
1/2" - 20	34085	5	24083	10 inserts	50375	1	44081	1	50003	1
METRIC										
M5 x .8	35055	10	25053	10 inserts	50156	1	45051	1	50002	1
M6 x 1	35065	10	25063	10 inserts	50188	1	45061	1	50002	1
M8 x 1.25	35085	10	25083	10 inserts	50250	1	45081	1	50002	1
M10 x 1.25	37105	10	27103	10 inserts	50313	1	47101	1	50002	1
M10 x 1.5	35105	10	25103	10 inserts	50281	1	45101	1	50003	1
M12 x 1.75	35125	5	25123	10 inserts	50375	1	45121	1	50003	1
SPARK PLUG										
		5	28148	(3/8" long) 1						
M14 x 1.25	38145	5	28149	(1/2" long) 1	50469	1	48143	1	50003	1
		5	28140	(3/4" long) 1				(Pilot Nose)		

RANGE KITS

Size	Part No.	Inserts Per Kit	Sizes Included In Kit
1/4" - 1/2" UNC	33014	40	UNC: 1/4" - 20, 5/16" - 18, 7/16" - 14, 1/2" - 13
1/4" - 1/2" UNF	34014	40	UNF: 1/4" - 28, 5/16" - 24, 7/16" - 20, 1/2" - 20
M5 - M12 Metric	35014	40	Metric: M5 x .8, M6 x 1, M8 x 1.25, M10 x 1.5, M12 x 1.75

DIAMOND TOOLS

DIAMOND TOOLS FOR VALVE REFACERS

Part No.	Size	Diamond Weight	Machine
K-1	3/8" x 1 5/8" round	1/4 carat	Black & Decker (Mfg. #5574), Sioux (Mfg. #112), Thor (Mfg. #74448), Van Dorn, Skilsaw
K-3	5/16" x 3" round	1/4 carat	Kwik-Way, Tobin Arp
K-4	1/2" x 3 1/2"	1/4 carat	Kwik-Way Valve Master, 20 NF thread Winona VR-1000 (Mfg. #809640)
K-4T	1/4" step type	1/4 carat	Hall (Mfg. #13-11977), K.O. Lee (Mfg. #A173), Kwik-Way
K-5	3/8" x 2 3/4" 24 NF thd	1/4 carat	Sioux (Mfg. #1715)
K-5G	3/8" x 2 1/2" 24 NF thd	1/4 carat	Sioux Grit Tool (Mfg. #1715M)
K-9	5/16" x 2 1/2" 18 NF thd	1/4 carat	Skil/Talent
K-12	3/8" x 2" round	1/2 carat	Van Norman 500 (Mfg. #8252)
K-15	1/4" x 2" 24 NF thd	1/4 carat 1/2" hex head	Winona VR-1000 (Mfg. #809791)
K-17	7/16" x 2 3/4" 20 NF thd	1/4 carat	Kwik-Way CV, SV, VS, SSV IID (late model); Rottler
K-23	3/8" x 2 1/2" 24 NF thd	1/2 carat	Sioux 685L (Mfg. #679)
K-24	3/8" x 2 1/2" 24 NF thd	1/2 carat	Sioux 680, 682, 956 (Mfg. #681)

DIAMOND TOOLS FOR VALVE RESEATERS

K-2	3/8" x 2 1/4" 24 NF thd	1/4 carat	Black & Decker (Mfg. #20157), Thor (Mfg. #74327), Van Dorn, Tobin Arp
K-4	1/2" x 3 1/4" 20 NF thd	1/4 carat	Kwik-Way
K-4S	3/8" head 10-32 thd	1/4 carat	Screw Nib
K-5	3/8" x 2 3/4" 24 NF thd	1/4 carat	Sioux (Mfg. #1715)
K-5A	3/8" x 2 3/4" 24 NF thd	1/3 carat	Sioux (Mfg. #1715A)
K-8	5/16" x 2 1/2" 24 NF thd	1/4 carat	Hall (Mfg. #13-1938), Snap-On, Skilsaw, U.S.
K-8B	5/16" x 2 1/2" 24 NF thd	1/4 carat	Black & Decker (Mfg. #49386)
K-9	5/16" x 2 1/2" 18 NC thd	1/4 carat	K.O. Lee (Mfg. #P176D), Skil
K-11	3/8" hex, right hand thd	1/2 carat	Sioux 1719A (Mfg. #1715B)
K-14	3/8" hex, left hand thd	1/4 carat	Black & Decker (Mfg. #31662)
K-18	1/2" x 2 3/4" 20 NF thd	1/4 carat	Kwik-Way Holder thread half length
K-19	3/8" x 2 3/4" 24 NF thd	1/4 carat	Kwik-Way

MISCELLANEOUS DIAMOND TOOLS

FOR PISTON GRINDERS

K-6	7/16" x 2" round	1/4 carat	Storm Vulcan D-3
K-12	3/8" x 2" round	1/2 carat	Van Norman 101
K-20	3/8" x 3" round	1/4 carat	Van Norman 75, 76 Relio

FOR CLUTCH GRINDERS

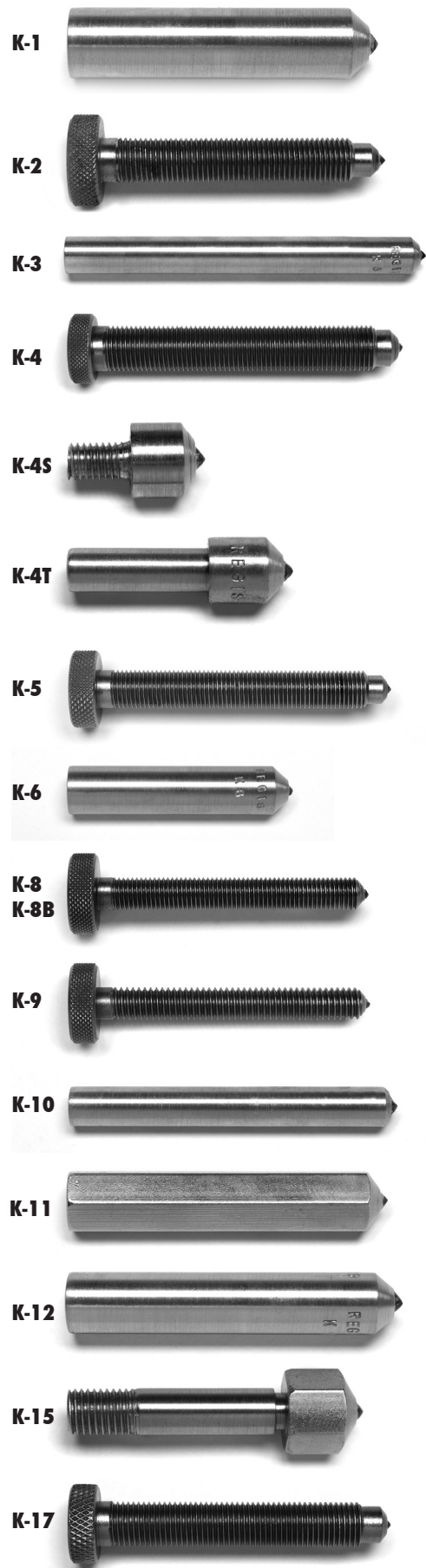
K-6	7/16" x 2" round	1/4 carat	Lempco, A-C, NAC, VAC, Do-All
K-12	3/8" x 2" round	1/2 carat	Van Norman 444

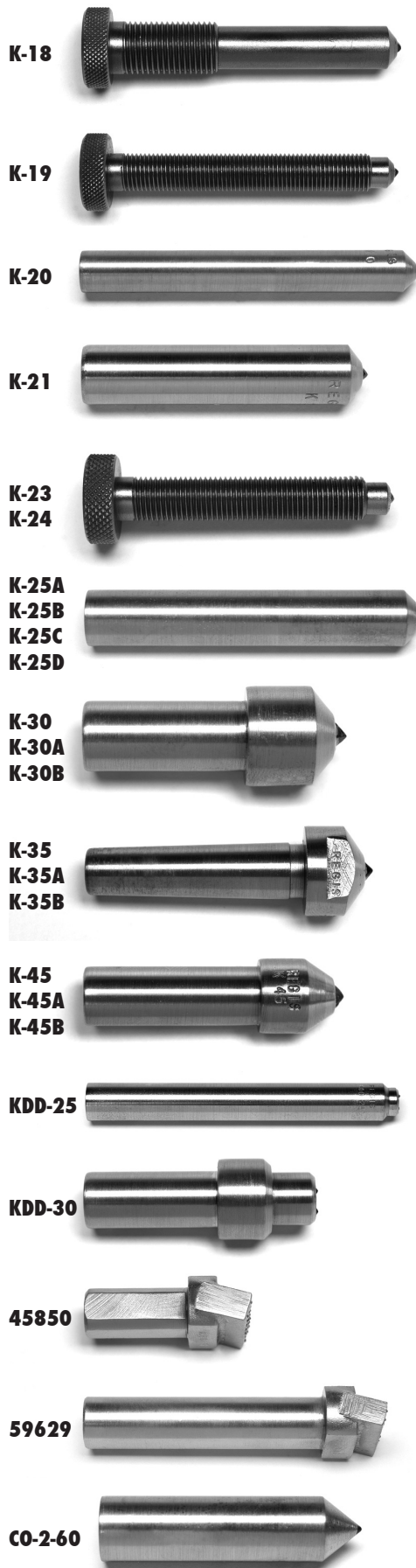
FOR DRUM LATHES

K-6	7/16" x 2" round	1/4 carat	Lempco
K-20	3/8" x 2" round	1/2 carat	Van Norman
K-22	3/8" x 3" round	1/4 carat	Ammco (Mfg. #3229F)

MISCELLANEOUS

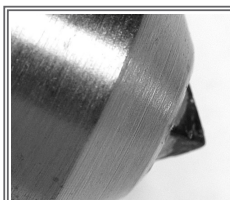
K-1	3/8" x 1 5/8" round	1/4 carat	Sunnen Rod & Cap Grinder
K-4	1/2" x 3 1/4" x 20 NF thd	1/4 carat	S/V #65 Rod Grinder
K-7	7/16" x 2" round	1/4 carat	Kwik-Way Flywheel Grinder
K-10	1/4" x 2" round	1/4 carat	Winona (In-the-Block)
K-36	Tapered	1/4 carat	Peterson Resurfacers RG-35/300





DIAMOND TOOLS FOR CRANKSHAFT & CAMSHAFT GRINDERS

Part No.	Size	Diamond Weight/Description
STORM VULCAN 14 & 15 (And 75 & 75A Camgrinder)		
K-25A	1/2" x 3" round	3/4 carat
K-25B	1/2" x 3" round	1 carat
K-25C	1/2" x 3" round	1 1/2 carat
59629	1/2" shank	Multi-layer cluster
STORM VULCAN 15A & 15C		
K-25B	1/2" x 3" round	1 carat
K-25C	1/2" x 3" round	1 1/2 carat
K-25D	1/2" x 3" round	2 carat
59629	1/2" shank	Multi-layer cluster
VAN NORMAN, LEMPCO, LANDIS - All Crankshaft Grinder Models		
K-30	7/16" x 1 1/2" - 5/8" head	1 carat
K-30A	7/16" x 1 1/2" - 5/8" head	1 1/2 carat
K-30B	7/16" x 1 1/2" - 5/8" head	2 carat
45850	7/16" shank	Multi-layer cluster
WINONA/VAN NORMAN CG-250		
K-25A-11mm	11mm x 2 1/4" holder	3/4 carat
K-25B-11mm	11mm x 2 1/4" holder	1 carat
K-25C-11mm	11mm x 2 1/4" holder	1 1/2 carat
VAN NORMAN 253, 254 Camgrinder		
K-21	3/8" x 1 3/4" - 5/8" head	3/4 carat
BERCO CRANKSHAFT GRINDER		
K-35	#3 Morse Taper shank	1 carat
K-35A	#3 Morse Taper shank	1 1/2 carat
K-35B	#3 Morse Taper shank	2 carat
SCLEDUM - All Crankshaft Grinder Models		
K-45	10mm x 1 11/16" - 1/2" head	1 carat
K-45A	10mm x 1 11/16" - 1/2" head	1 1/2 carat
K-45B	10mm x 1 11/16" - 1/2" head	2 carat
KWIK-WAY/SCHOU K-1100H		
K-25A-10mm	10mm x 2 1/4" holder	3/4 carat
K-25B-10mm	10mm x 2 1/4" holder	1 carat
K-25C-10mm	10mm x 2 1/4" holder	1 1/2 carat
RADIUS DRESSERS		
CO-2-60-7/16	7/16" x 1 1/2" (60°)	Fits all Van Norman
CO-2-60-1/2	1/2" x 1 1/2" (60°)	Fits all Storm Vulcan; Winona CG-210, 250, 280
SIDE DRESSERS - Cluster-Type Diamond		
KDD-25	1/2" x 4" round	Fits Storm Vulcan 14 & 15
KDD-26	1/2" x 3 1/2" 20 NF thread	Fits Storm Vulcan 15A
KDD-27	1/2" x 6" NF thread	Fits Storm Vulcan 75-170 For taper dresser attachment
KDD-30	7/16" x 1 3/4" - 5/8" head	Fits Van Norman, Lempco, Landis



DIAMOND RESETTING SERVICE

Send In Your Worn Diamonds For Resetting.
Please Call Us At **1-800-527-7604** For A Quote.

CYLINDER WALL BORING & HONING



BORING BAR CUTTERS

Replacement holders, tips and screws for Rottler, Kwik-Way and Van Norman boring bars.

ROTTLER TOOL HOLDERS WITH REPLACEABLE TIPS

Part No.	Description
RO-1170 <small>NEW</small>	Small Tool Holder, 1 ⁵ / ₁₆ "
RO-1171	Medium Tool Holder, 2 ⁵ / ₁₆ "
RO-1172	Long Tool Holder, 2 ³ / ₄ "
KW-1130	Replacement screw for RO-1171 and RO-1172
KW-1120	Carbide replacement tip for RO-1171
KW-1131	Titanium replacement tip for RO-1172

ROTTLER

Part No.	Fits Model Numbers	Diameter x Length
RO-114	Rottler	.342" x 1 ¹ / ₄ "
RO-176	Rottler	.342" x 1 ⁷ / ₁₆ "
RO-134	Rottler	.342" x 1 ³ / ₄ "
RO-1C	Rottler (cut-off)	.342" x 1 ³ / ₄ "

KWIK-WAY

Part No.	Fits Model Numbers	Description
KW-R	FR, FW, FT, FN, FL	Roughing
KW-F	FR, FW, FT, FN, FL	Finishing
KW-C		Cut-off Bit
KW-FN	FN, FL	45° Offset Tool
KW-FN-60	FN, FL	60° Offset Tool

VAN NORMAN

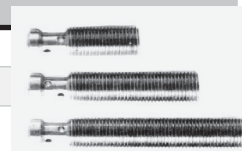
Part No.	Fits Model Numbers	Mfg. No.
VS-1	777S, 944S, 777S4 - .375" dia.	777-179
VS-2	777S, 944S, 777S4 - .375" dia.	For Hard Spots
VS-3	777S, 944S, 777S4 - .375" dia.	Sleeve Cut-off
V-100	777, 900, 905, 944, 965 - .250" dia.	900-209
V-360	999, 888 - .437" dia.	999-59
V-360C	999, 888 - .437" dia.	Sleeve Cut-off
V-41	777 (long) - 2 ⁹ / ₁₆ " long	905-41
V-41C	777 (long) - 2 ⁹ / ₁₆ " long	Sleeve Cut-off
V-206	777 (short) - 1 ⁵ / ₁₆ " long	905-206
V-206C	777 (short) - 1 ⁵ / ₁₆ " long	Sleeve Cut-off

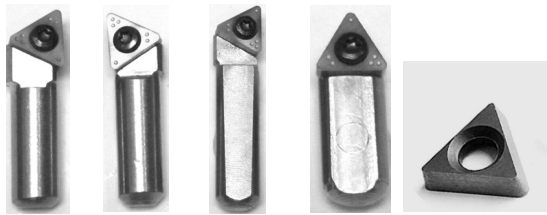
VAN NORMAN TOOL HOLDERS

Part No.	Fits Model Numbers /Description	Mfg. No.
K-177H	777S, 777S4 - 2 ¹ / ₄ " long Short. Use with VS-1, VS-2, VS-3.	777-7177
K-178H	777S, 777S4 - 2 ⁷ / ₈ " long Long. Use with VS-1, VS-2, VS-3.	777-7178
K-214H	944S - 2 ¹ / ₄ " long Short. Use with VS-1, VS-2, VS-3.	944-7124
K-215H	944S - 2 ⁷ / ₈ " long Long. Use with VS-1, VS-2, VS-3.	944-7215
V-34	777, 900, 905, 965 - 1 ⁷ / ₈ " long Short. Use with V-100.	800-7034
V-22	777, 900, 905, 965 - 2 ¹ / ₂ " long Long. Use with V-100.	905-7022

TOOL HOLDER ADJUSTING SCREWS

Part No.	Description
KA	9 ⁹ / ₃₂ " - 1 ¹ / ₃₂ " long
KAA	9 ⁹ / ₃₂ " - 1 ⁹ / ₁₆ " long
KAAA	9 ⁹ / ₃₂ " - 2" long





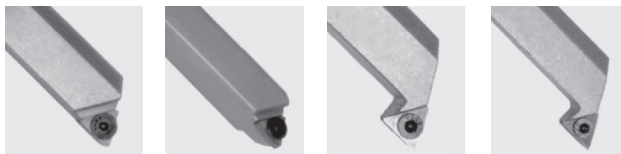
TS-150 TS-160 TS-170 TS-180 C-8000

BORING BAR CUTTERS

WITH REPLACEABLE TIPS

These tools are an exact fit for your original tool holder. **Fits All Lengths Of Tool Holders.** Uses a negative rake, six-cornered carbide insert which is replaceable.

Part No.	Fits
TS-150	KWIK-WAY FL, FN, FW .312 dia. - For straight tool holder - all lengths. Use as a boring tool and as a sleeve cut-off tool.
TS-160	KWIK-WAY FL, FN, FW .312 dia. - For straight and offset tool holders - all lengths. A boring bar tool which doubles as a chamfering tool in the straight tool holder. Also use as a sleeve cut-off tool in a 60° tool holder.
TS-170	ROTTLER - all models .342 dia. - For all lengths of tool holders. Also use as a sleeve-cut off tool. Cannot be used in bores smaller than 3.800".
TS-180	VAN NORMAN - 944S, 777S .375 dia. - For all tool holders. Doubles as a chamfering tool.
C-8000	Replacement carbide insert cutters for above tools.
TS-109	Replacement Torx® insert screw
TX-8	T-8 Torx® Scwdriver



KW-1116 KW-1117 KW-8002 KW8003

KWIK-WAY BORING BAR CUTTERS

WITH REPLACEABLE TIPS

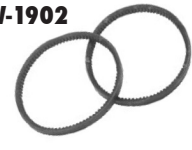
Part No.	Fits KWIK-WAY Model Numbers
KW-1116	FL, FN, FW long 2 ⁹ / ₁₆ "
KW-1117	FL, FN, FW long 3"
KW-1130	Replacement screw for KW-1116 and KW-1117
KW-8002	FN 2 ²¹ / ₃₂ " (min. bore 3.375")
KW-8003	FL 3" (min. bore 3.750")
KW-8103	Replacement screw for KW-8002 and KW-8003
KW-1120	Carbide replacement tip for KW-1117
KW-1131	Titanium replacement tip for KW-1116
KW-8101	Carbide replacement tip for KW-8002, 8003
KW-8102	Titanium replacement tip for KW-8002, 8003

KWIK-WAY PARTS FOR BORING BARS

KW-0346



KW-1902



FOR KWIK-WAY FN BORING BAR

Part No.	Description	Kwik-Way No.
KW-0346	Feed Nut for F, FT, FN Bar	KW-062-0346-61
KW-1902	Belts Fits FN Manual & FN Air Bar	KW-001-1902-46

KWIK-WAY BORING BAR CENTERING FINGERS

FN MANUAL BAR

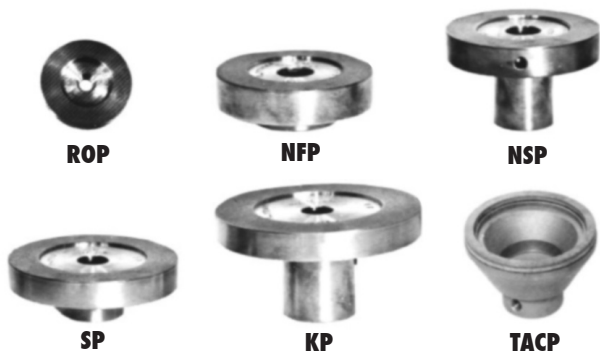


Part No.	Dia. Range	Length
FN - MANUAL BAR OD - 5/16" - 7.94mm		
062-0361-33	2.656" - 3.126" (67.5 - 79.4mm)	1.203" (30.6mm)
062-0362-30	3.096" - 3.566" (78.6 - 90.6mm)	1.423" (36.1mm)
062-0363-38	3.536" - 4.006" (89.8 - 101.76mm)	1.643" (41.7mm)
062-0364-35	3.976" - 4.446" (101 - 112.8mm)	1.863" (47.3)
062-0365-24	4.416" - 4.886" (112.2 - 124.1mm)	2.083" (53mm)
062-0366-30	4.856" - 5.326" (123.4 - 135.3mm)	2.303" (58mm)
FN - AIR BAR		
051-0405-11	2.560" - 3.160" (65 - 80.3mm)	.937" (23.8mm)
051-0405-38	3.000" - 3.600" (76.2 - 91.5mm)	1.157" (29.4mm)
051-0405-54	3.440" - 4.040" (87.4 - 102.6mm)	1.377" (35mm)
051-0405-70	3.880" - 4.480" (98.56 - 113.8mm)	1.597" (40.6mm)
051-0405-97	4.321" - 4.920" (109.8 - 125mm)	1.817" (46.1mm)
051-0406-27	4.761" - 5.360" (120.9 - 136.1mm)	2.037" (51.7mm)

FOR VAN NORMAN BORING BARS

Part No.	Ref. No.	Description
VN-314	GD-14	#1 cat paw shoes (set of 4 + screws) .250" long
VN-315	GD-15	#2 cat paw shoes (set of 4 + screws) .500" long
VN-316	GD-16	#3 cat paw shoes (set of 4 + screws) .750" long
VN-317	GD-17	#4 cat paw shoes (set of 4 + screws) 1" long
VN-319	GD-19	#1 screw set for cat paw shoes, .250" long
VN-320	GD-20	#2 screw set for cat paw shoes, .500" long
VN-321	GD-21	#3 screw set for cat paw shoes, .750" long
VN-322	GD-22	#4 screw set for cat paw shoes, 1" long

CYLINDER WALL BORING & HONING



DIAMOND LAPS

Part No.	Fits	Model
ROP	Rottler	D&F series (1 $\frac{3}{4}$ " diameter)
NFP	Van Norman	777, 777S, 777S4
NSP	Van Norman	900, 905, 943, 944, 944S, 965
SP	Storm Vulcan	All bars
KP	Kwik-Way	All bars
TACP	Tobin Arp	All bars (cup type)

ACCESSORIES

Part No.	Description
PLS	Dressing Stick
LPL	Lap Oil - $\frac{1}{2}$ pint bottle
LPLP	Lap Oil - 1 pint bottle



CHAMFERING CONES AND MANDRELS

Part No.	Description
AS-10	Chamfering Cone, 3 $\frac{1}{2}$ " slant height, 2" top diameter (80 grit)
ASM-12	Mandrel for AS-10, 3 $\frac{1}{2}$ " slant height
AS-49	45° Chamfering Cone (80 grit)
ASM-50	Mandrel for AS-49, 45°

REGIS AUTOMOTIVE CYLINDER HONES



STANDARD-DUTY CYLINDER HONE

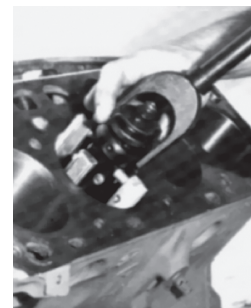
RANGE: 2 $\frac{3}{4}$ " to 5 $\frac{1}{2}$ "

Features $\frac{1}{2}$ " shaft, 12" extension. Size range extends from 2 $\frac{3}{4}$ " to 5 $\frac{1}{2}$ " and requires optional holders for stones over 4" long. Use with $\frac{1}{2}$ " drill as a manual hone for accurate, fast stock removal.

Recommended for all cylinder honing applications.

Includes - one set of SN-300 stones and wipers.

Standard-duty Cylinder Hone:
Part No. RSI-218



HEAVY-DUTY CYLINDER HONE

RANGE: 2 $\frac{1}{2}$ " to 5 $\frac{1}{2}$ "

Features severe duty, $\frac{3}{4}$ " shaft, 12" extension and heavy-duty universal joint.

This is a professional quality hone, specially designed for large bore cylinders.

Includes - one set of SN-300 stones and wipers.

Heavy-Duty Cylinder Hone:
Part No. RSI-220HD

CYLINDER WALL BORING & HONING



CYLINDER HONE STONES

Single-piece hone stone sets include two holders with stones and two holders with aluminum wipers to fit Sunnen AN-series cylinder hones, Regis RSI-218, and other similar honing units. Use with honing oil.



HONING OIL

Fine-quality honing oil. Specific compounded oil for keeping stones clean and free cutting. Reduces honing time and increases stone life.

Part No.	Description
HO-1	One gallon, Honing Oil
HO-5	Five gallons, Honing Oil
HO-55	55 gallon drum, Honing Oil

NEW

SMALL DIAMETER STONE SETS

Part No.	Diameter Range	Grit	Orig. Mfg. #
SN-100	2 ³ / ₄ " - 4 ¹ / ₈ "	Coarse, 70 grit	M27-J17
SN-100R	2 ³ / ₄ " - 4 ¹ / ₈ "	Coarse, 70 grit, Ruby (exceptional life)	—
SN-200	2 ³ / ₄ " - 4 ¹ / ₈ "	Medium, 150 grit	M27-J45
SN-200R	2 ³ / ₄ " - 4 ¹ / ₈ "	Medium, 150 grit, Ruby (exceptional life)	—
SN-300	2 ³ / ₄ " - 4 ¹ / ₈ "	Medium-Fine, 220 grit	M27-J55
SN-300R	2 ³ / ₄ " - 4 ¹ / ₈ "	Medium-Fine, 220 grit, Ruby (exceptional life)	—
SN-500	2 ³ / ₄ " - 4 ¹ / ₈ "	Fine, 280 grit	M27-J65
SN-400	2 ³ / ₄ " - 4 ¹ / ₈ "	Extra-Fine, 400 grit	N27-J87
SN-600	2 ³ / ₄ " - 4 ¹ / ₈ "	Extra-Fine, 600 grit	—

LARGE DIAMETER STONE SETS

Part No.	Diameter Range	Grit	Orig. Mfg. #
SN-101	3 ¹ / ₂ " - 5 ¹ / ₂ "	Coarse, 70 grit	N37-J17
SN-101R	3 ¹ / ₂ " - 5 ¹ / ₂ "	Coarse, 70 grit, Ruby (exceptional life)	—
SN-201	3 ¹ / ₂ " - 5 ¹ / ₂ "	Medium, 150 grit	N37-J45
SN-201R	3 ¹ / ₂ " - 5 ¹ / ₂ "	Medium, 150 grit, Ruby (exceptional life)	—
SN-301	3 ¹ / ₂ " - 5 ¹ / ₂ "	Medium-Fine, 220 grit	N37-J55
SN-301R	3 ¹ / ₂ " - 5 ¹ / ₂ "	Medium-Fine, 220 grit, Ruby (exceptional life)	—
SN-501	3 ¹ / ₂ " - 5 ¹ / ₂ "	Fine, 280 grit	N37-J65
SN-401	3 ¹ / ₂ " - 5 ¹ / ₂ "	Extra-Fine, 400 grit	N37-J87
SN-601	3 ¹ / ₂ " - 5 ¹ / ₂ "	Extra-Fine, 600 grit	—

NEW

SILICON CARBIDE STONE SETS FOR PORTABLE OR POWER HONES

Part No.	Diameter Range	Grit/Stone Length	Orig. Mfg. #
SN-102S	2 ³ / ₄ " - 4 ¹ / ₈ "	Silicon Carbide, 70 grit 3" long**	M27-J17-71
SN-202S	2 ³ / ₄ " - 4 ¹ / ₈ "	Silicon Carbide, 150 grit 3" long**	M27-J45-71
SN-302S	2 ³ / ₄ " - 4 ¹ / ₈ "	Silicon Carbide, 220 grit 3" long**	M27-J55-71
SN-502S	2 ³ / ₄ " - 4 ¹ / ₈ "	Silicon Carbide, 280 grit 3" long**	M27-J65-71
SN-104S	3 ¹ / ₂ " - 5 ¹ / ₂ "	Silicon Carbide, 70 grit 3" long**	N37-J17-71
SN-204S	3 ¹ / ₂ " - 5 ¹ / ₂ "	Silicon Carbide, 150 grit 3" long**	N37-J45-71
SN-304S	3 ¹ / ₂ " - 5 ¹ / ₂ "	Silicon Carbide, 220 grit 3" long**	N37-J55-71
SN-504S	3 ¹ / ₂ " - 5 ¹ / ₂ "	Silicon Carbide, 280 grit 3" long**	N37-J65-71

** Stones that are 3" long may be used for blind honing.

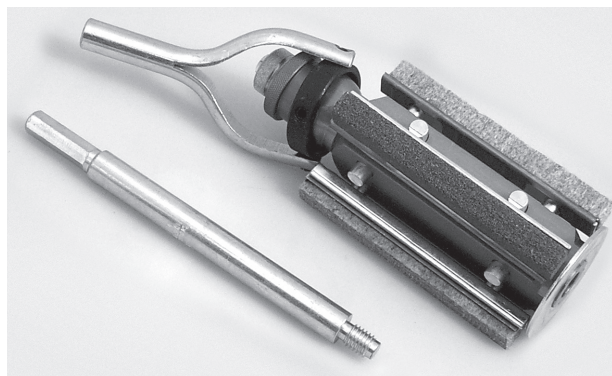
ALUMINUM OXIDE STONE SETS FOR POWER HONES

Part No.	Diameter Range	Grit/Stone Length	Orig. Mfg. #
SN-202AX	2 ³ / ₄ " - 4 ¹ / ₈ "	Aluminum Oxide, 150 grit 3" long**	—
SN-302AX	2 ³ / ₄ " - 4 ¹ / ₈ "	Aluminum Oxide, 220 grit 3" long**	—
SN-502AX	2 ³ / ₄ " - 4 ¹ / ₈ "	Aluminum Oxide, 280 grit 3" long**	—
SN-204AX	3 ¹ / ₂ " - 5 ¹ / ₂ "	Aluminum Oxide, 150 grit 3" long**	—
SN-304AX	3 ¹ / ₂ " - 5 ¹ / ₂ "	Aluminum Oxide, 220 grit 3" long**	—
SN-504AX	3 ¹ / ₂ " - 5 ¹ / ₂ "	Aluminum Oxide, 280 grit 3" long**	—
SN-100AX	2 ³ / ₄ " - 4 ¹ / ₈ "	Aluminum Oxide, 80 grit 4" long	—
SN-200AX	2 ³ / ₄ " - 4 ¹ / ₈ "	Aluminum Oxide, 150 grit 4" long	—
SN-300AX	2 ³ / ₄ " - 4 ¹ / ₈ "	Aluminum Oxide, 220 grit 4" long	—
SN-500AX	2 ³ / ₄ " - 4 ¹ / ₈ "	Aluminum Oxide, 280 grit 4" long	—
SN-101AX	3 ¹ / ₂ " - 5 ¹ / ₂ "	Aluminum Oxide, 80 grit 4" long	—
SN-201AX	3 ¹ / ₂ " - 5 ¹ / ₂ "	Aluminum Oxide, 150 grit 4" long	—
SN-301AX	3 ¹ / ₂ " - 5 ¹ / ₂ "	Aluminum Oxide, 220 grit 4" long	—
SN-501AX	3 ¹ / ₂ " - 5 ¹ / ₂ "	Aluminum Oxide, 280 grit 4" long	—

** Stones that are 3" long may be used for blind honing.

NEW

CYLINDER WALL BORING & HONING



UNIVERSAL CYLINDER HONE

Micrometer head assures accuracy in feeding. Expands quickly to cylinder size with fast action rack and pinion. Bottom guard plate helps prevent stones from accidentally hitting the crankshaft. Universal joint action makes honing of rear cylinders easy. Clip-on stones and wipers are available in four grits and easily changed in just a few seconds. Long, 5" stones cut faster and more accurately. Use with any heavy-duty 1/2" drill motor.

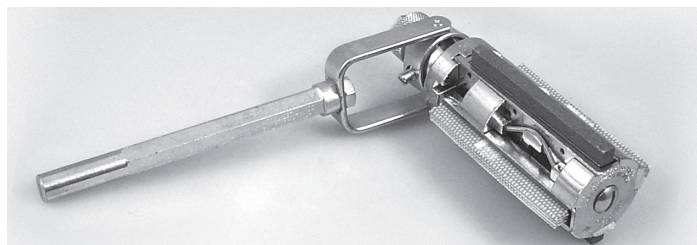
Universal Cylinder Hone Includes - hone body with (2) RSI-15540 standard range racks, (2) RSI-15500 coarse stones, (2) RSI-15510 medium stones, cleaning brush, dressing paddle and storage case.

Part No.	Description
RSI-217	UNIVERSAL CYLINDER HONE
RSI-15090	Driver Extension for RSI-217
RSI-15060	Yoke and Ring Assembly for RSI-217
RSI-15270	Head and Shaft Assembly for RSI-217
RSI-15910	Body for RSI-217

STONE & WIPER SETS

Part No.	Description	Cylinder Size
RSI-15550	Rack Set	2.75" - 3.75"
RSI-15540	Rack Set	3.00" - 4.25"
RSI-15530	Rack Set	4.00" - 6.25"
RSI-15560	Rack Set	6.125" - 10.25"
RSI-15680	Stone Set, 80-grit	2.75" - 3.75"
RSI-15500	Stone Set, 80-grit	3.00" - 10.25"
RSI-15690	Stone Set, 180-grit	2.75" - 3.75"
RSI-15510	Stone Set, 180-grit	3.00" - 10.25"
RSI-15700	Stone Set, 280-grit	2.75" - 3.75"
RSI-15520	Stone Set, 280-grit	3.00" - 10.25"
RSI-15990	Stone Set, 500-grit	3.00" - 10.25"
RSI-15490	Stone Set, 150-grit*	3.00" - 10.25"

* Spec. Hard Bond Steel



SMALL CYLINDER HONE

Precision-built hone for small cylinders, 1 3/4" to 2 3/4". Stones are 3 3/4" long, assuring total accuracy. Hone is easily operated with any 1/2" drill motor.

Part No.	Description
RSI-215	SMALL CYLINDER HONE INCLUDES - (3) 180-grit stone sets (1.75"-2.75") and storage case.
RSI-16130	Replacement Driver Assembly for RSI-215
RSI-16340	Replacement Spring for RSI-215
RSI-16330	Replacement Lock Screw for RSI-215
RSI-16540	Replacement Jaw Casting for RSI-215

STONE & WIPER SETS

Size	80-Grit	180-Grit	280-Grit	For Aluminum
1.75" - 2.20"	RSI-16440	RSI-16410	RSI-16380	RSI-16470
2.05" - 2.50"	RSI-16450	RSI-16420	RSI-16390	RSI-16480
2.35" - 2.75"	RSI-16460	RSI-16430	RSI-16400	



DIGITAL BORE GAUGE SET

2.0 - 6.0" (50-150MM) RANGE, 0.0005" GRADUATIONS, 7" DEPTH, 12 ANVILS

Extra large LCD, 360 degree rotation. Dual display; digital and electronic scale - true inch/mm conversion. Zero reset allows absolute or comparative measurements. One-button, easy calibration. Power supplied by a 3V CR2032 lithium battery.

Part No. **M-210DG**

CYLINDER WALL BORING & HONING



CYLINDER DIAL BORE GAUGE

2.6 - 6.0" RANGE Measures taper and out-of-round from immediate underside of ridge to bottom of critical wear area without removing pistons. Measures bore diameter to a depth of 8" in graduations of .0005". Rugged, one-piece construction.

INCLUDES CONTACT EXTENSIONS AND WOODEN STORAGE CASE.

Part No. **258**



STONES & SHOES FOR CK-10 CV-616

Replacement Hone Stones and Guide Shoes for CK-10 and CV-616 Automatic Cylinder Resizers. Sold two per set.

Part No.	Description	Mfg. No.
KEHU-133	Stone, 70 grit	EHU-133
KEHU-525	Stone, 220 grit	EHU-525
KJHU-625	Stone, 280 grit	JHU-625
KC-3120	Alignment Guide Shoe Set	CK-3120
KC-3070	Guide Shoe	CK-3070

For Replacement Filters See Page 11



HONE STOP

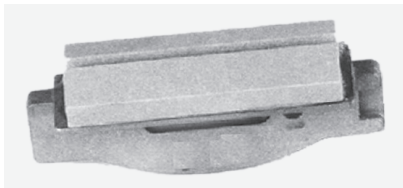
Prevent honing stone damage when bottoming out in cylinders. Simply slide hone stop onto the drive shaft of your cylinder hone and tighten to correct height. Use with $\frac{1}{2}$ ", $\frac{3}{4}$ " or $\frac{5}{8}$ " driveshafts.

Part No.	Size
RHS-12	$\frac{1}{2}$ "
RHS-34	$\frac{3}{4}$ "
RHS-58	$\frac{5}{8}$ "

ROD HONING STONES

SAVE WHEN YOU ORDER 25 OR MORE RH-SERIES STONE SETS!

Stone sets can be mixed by grit and range for best pricing. Please call us for more information.



FOR SUNNEN CR MANDRELS

Part No.	Mfg. No.	Description
RH-10	CR-10	Coarse, 100 grit
RH-12	CR-12	Medium, 220 grit
RH-14	CR-14	Fine, 280 grit
RH-2	CR-2	Medium, 220 grit
RH-4	CR-4	Medium, 280 grit
KC-40D	CR-40D	Shoe
KC-50B	CR-50B	Shoe
KC-50D	CR-50D	Shoe



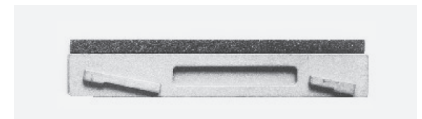
FOR SUNNEN SL 720 & SI 2300 MANDRELS

Part No.	Mfg. No.	Description
RS-6	SL-5	Roughing
RS-8	SL-7	General Purpose
RS-14	SL-13	Finishing



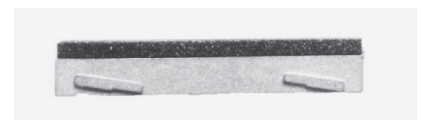
FOR SUNNEN KL MANDRELS

Part No.	Mfg. No.	Description
RK-6	KL-5	Roughing
RK-8	KL-7	General Purpose
RK-14	KL-13	Finishing



FOR SUNNEN PL MANDRELS

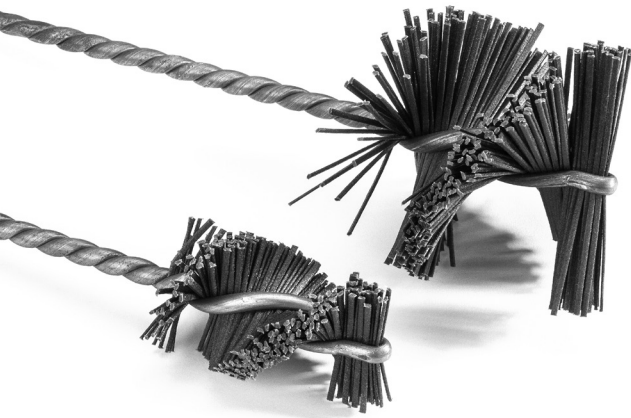
Part No.	Mfg. No.	Description
RP-6	PL-5	Roughing
RP-8	PL-7	General Purpose
RP-14	PL-13	Finishing



FOR SUNNEN ML MANDRELS

Part No.	Mfg. No.	Description
RM-6	ML-5	Roughing
RM-8	ML-7	General Purpose
RM-14	ML-13	Finishing

CYLINDER WALL BORING & HONING



GIVES A HIGH-MICRON FINISH TO VALVE GUIDES, CYLINDERS AND LIFTER BORES

ULTRA-FLEX FINISH BRUSHES

WILL NOT ENLARGE BORE DIAMETERS!

Removes tiny peaks and scuffs left after reaming or honing. Ideal for racing and high-performance applications – also for new engine cylinders that require low-tension rings. Same abrasive material used for plateau brushes.

Part No.	For Hole Diameter(s)	Diameter	Length	Length
R-5.5mm	5.5 mm	$\frac{7}{32}$ "	.241"	1" 4"
R-6.4mm	6.4 mm	$\frac{1}{4}$ "	.275"	1 $\frac{1}{4}$ " 4 $\frac{1}{2}$ "
R-7mm	7 mm	$\frac{9}{32}$ "	.309"	1 $\frac{1}{4}$ " 4 $\frac{1}{2}$ "
R-8mm	8 mm	$\frac{5}{16}$ "	.343"	1 $\frac{1}{4}$ " 4 $\frac{1}{2}$ "
R-9mm	9 mm	$\frac{11}{32}$ "	.378"	1 $\frac{1}{4}$ " 4 $\frac{1}{2}$ "
R-10mm	10 mm	$\frac{3}{8}$ "	.413"	1 $\frac{1}{4}$ " 4 $\frac{1}{2}$ "
R-11mm	11 mm	$\frac{7}{16}$ "	.481"	1 $\frac{1}{4}$ " 4 $\frac{1}{2}$ "
R-12mm	12 mm	$\frac{15}{32}$ "	.516"	1 $\frac{1}{4}$ " 4 $\frac{1}{2}$ "
R-13mm	13 mm	$\frac{1}{2}$ "	.550"	1 $\frac{1}{2}$ " 5"
R-14mm	14 mm	$\frac{9}{16}$ "	.618"	1 $\frac{1}{2}$ " 5"
R-16mm	16 mm	$\frac{5}{8}$ "	.688"	1 $\frac{1}{2}$ " 5"
R-17.5mm	17.5 mm	$\frac{11}{16}$ "	.756"	1 $\frac{1}{2}$ " 5"
R-19mm	19 mm	$\frac{3}{4}$ "	.825"	1 $\frac{1}{2}$ " 5"
R-20.5mm	20.5 mm	$\frac{13}{16}$ "	.893"	1 $\frac{1}{2}$ " 6"
R-22mm	22 mm	$\frac{7}{8}$ "	.875"	1 $\frac{1}{2}$ " 6"
R-25mm	25.4 mm	1"	1"	1 $\frac{1}{2}$ " 6"
R-200	32-45 mm	1 $\frac{1}{4}$ " - 1 $\frac{3}{4}$ "	2"	2" 10"
R-250	45-47 mm	1 $\frac{3}{4}$ " - 2 $\frac{1}{4}$ "	2.25"	2" 10"
R-300	57-70 mm	2 $\frac{1}{4}$ " - 2 $\frac{3}{4}$ "	3"	2" 10"
R-350	70-82 mm	2 $\frac{3}{4}$ " - 3 $\frac{1}{4}$ "	3.25"	2" 10"
R-400	76-89 mm	3 - 3 $\frac{1}{2}$ "	4"	4" 14"
R-450	89-102 mm	3 $\frac{1}{2}$ " - 4"	4.5"	4" 14"
R-500	102-114 mm	4 - 4 $\frac{1}{2}$ "	5"	5" 14"



CYLINDER WASHING BRUSHES

Nylon fill brushes for efficient cleaning of cylinder walls after honing. Use with detergent in warm or hot water.

Part No.	Diameter	Overall Length
CWB-350	3 $\frac{1}{2}$ "	18"
CWB-400	4"	18"
CWB-450	4 $\frac{1}{2}$ "	18"
CWB-500	5"	18"
CWB-550	5 $\frac{1}{2}$ "	18"

HEAVY DUTY RIDGE REAMER



Handles all engines with bores from 3" to 5" diameter, including canted and most short stroke types. Sits solidly in the cylinder with holding blades maintaining good wall contact for a smooth cut. Cutter head plate locks on both sides. Tungsten reamer is attained by fine thread feed-up. Accuracy is maintained by heavy, heat-treated center bolt. Steel collar on center bolt protects threads from wrench damage. Three position setting of spring-loaded cutter head permits change from one cylinder to another without adjusting cutter head assembly.

Part No.	Description
K-1001	Heavy Duty Ridge Reamer
K-1001A	Replacement cutter blades

GLAZE BREAKER HONES



Designed for accurate honing of cylinders from 2" to 7" diameter. Adjustable tension. Operated by any standard $\frac{1}{4}$ " or $\frac{1}{2}$ " chuck electric drill. Self-centering and self-bottoming. Each Glaze Breaker Hone includes one set of medium grit stones.

Part No.	Description
Glaze Breaker Hones	
RD-60	3" Hone, 2" to 5 $\frac{1}{4}$ " dia.
RD-62	4" Hone, 2" to 7" dia.
Stone Sets for Glaze Breaker Hones	
RDS-103	3" Stone Set, Coarse 3 qty.
RDS-123	3" Stone Set, Medium 3 qty.
RDS-143	3" Stone Set, Fine 3 qty.
RDS-124	4" Stone Set, Medium 3 qty.
RDS-144	4" Stone Set, Fine 3 qty.

NOTE: RD-62 may also be used with 3" stones.



REGIS CAM BEARING TOOL

A FAST, SIMPLE AND ECONOMICAL TOOL THAT ELIMINATES HUNDREDS OF SEPARATE, COSTLY DRIVING PLUGS.
 The Complete Regis Cam Bearing Tool Kit Includes - four extracting mandrels which adjust instantly to under size cam bearings for easy installation or removal from any engine!



Expander With Stud



Guide Cone



Metal Washer



Sleeve



Driving Bar



Mandrel

Part No.	Description
CT-1	REGIS CAM BEARING TOOL KIT (includes one of each listed below)
CT-1B	5" Driving Bar
CT-3B	36" Driving Bar with cap
CT-1C	Guide Cone
CT-3E	1 ⁷ / ₃₂ " Expander with stud
CT-4E	1 ⁵ / ₈ " Expander with stud
CT-5W	1.370 Metal Washer
CT-6W	1.682 Metal Washer
CT-7W	1.875 Metal Washer
CT-8W	2.250 Metal Washer
CT-5M	1.370 to 1.682 Expanding Mandrel with CT-5NS Sleeve
CT-6M	1.682 to 1.875 Expanding Mandrel with CT-6NS Sleeve
CT-7M	1.875 to 2.250 Expanding Mandrel with CT-7NS Sleeve
CT-8M	2.250 to 2.625 Expanding Mandrel with CT-8NS Sleeve

OPTIONAL AND REPLACEMENT PARTS

Part No.	Description
CT-2B	24" Driving Bar
CT-1-CAP	Cap for 24" or 36" bars
CT-1S	Threaded stud only for expanders
CT-5NS	1.370 Rubber Mandrel Sleeve
CT-6NS	1.682 Rubber Mandrel Sleeve
CT-7NS	1.875 Rubber Mandrel Sleeve
CT-8NS	2.250 Rubber Mandrel Sleeve

**CALL 1-800-527-7604
 FOR FAST, SAME-DAY SHIPPING**

We normally ship UPS, but we will utilize any other method you request - USPS, DHL, or truck. UPS next day, second day and three day select are also available on your request. Our shipping department will make every effort to ensure that your order is shipped the same day it is received.



UNIVERSAL CAMSHAFT BEARING TOOL

ECONOMICAL TOOL KIT HANDLES A WIDE RANGE OF CAMSHAFT BEARINGS FROM COMPACT CARS TO HEAVY TRUCKS. DRIVES BOTH THIN-WALL AND THICK-WALL BEARINGS.

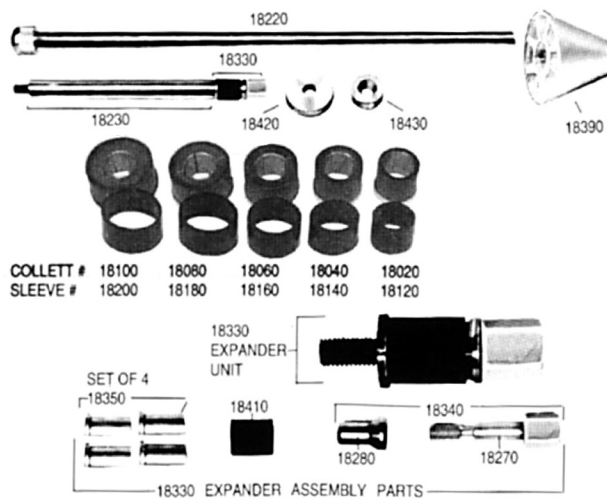
Drives camshaft bearings smoothly. One complete, economical tool set that will remove or insert camshaft bearings in nearly all engines from compact cars to heavy trucks. Range of 1.125" to 2.690".

EASY ON BEARINGS. The expander has a neoprene sleeve over which the split driving plugs are mounted and expanded to size. This tool has two sets of rubber sleeves supplied with it for the expanding drivers. The brown sleeves are used when driving thin wall bearings (.065"). The black sleeves are used when driving thick wall bearings (.090"). Detailed operating instructions and a complete parts sheet are included.

UNIVERSAL CAMSHAFT BEARING TOOL KIT

Range: 1.125" to 2.690". Complete Kit - includes driving shaft, driving shaft extension, expander unit, (5) split driving plugs, (2) driving collars, centering cone, and case.

Part No. **18000**



DRIVER RANGE TABLE

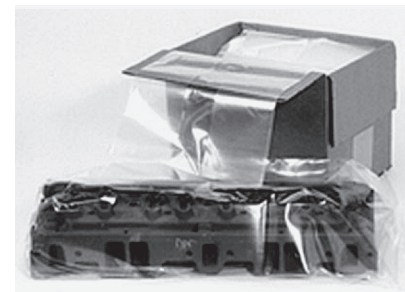
Bearing Size I.D.	Expander Driver	Use Washer	Sleeve
1.125" to 1.475"	18330 Expander Assembly	18430	18410
1.475" to 1.700"	18020	18430	18120
1.700" to 1.925"	18040	18420	18140
1.925" to 2.150"	18060	18420	18160
2.150" to 2.375"	18080	18420	18180
2.325" to 2.690"	18100	18420	18200



CAM BOLT LOCKING PLATE

This handy, low-cost tool locks the timing sprocket bolts to prevent them from backing out. Works great on high-performance small block Chevs.

Part No. **CBLP-GM**



PLASTIC BAGS

Protect your finished work with a REGIS heavy-duty plastic bag. Gusseted bag holds cylinder heads and crankshafts. Extra large bag holds engines and blocks.

Part No.	Size/Description
FITS HEADS & CRANKSHAFTS	
CB-10836	100 10" x 8" x 36" (Gusseted) bags .3 mil thickness
FITS ENGINES & BLOCKS	
EB-4050	100 40" x 50" bags .2 mil thickness
FITS ALL DIESEL CYLINDER HEADS	
CBD-201562	50 bags 20" X 15" X 62" .5 mil thickness NEW

CAMSHAFT GRINDING WHEELS



Regis "Supreme Grade" Camshaft Grinding Wheels are 100 grit and available in sizes to fit most popular machines.

Part No.	Size	
STORM VULCAN 75		
CMS-7/8	18" x 7/8" x 3"	100 grit
CMS-1	18" x 1" x 3"	100 grit
STORM VULCAN 1165		
SVC-7/8	20" x 7/8" x 3"	100 grit
SVC-1	20" x 1" x 3"	100 grit
BERCO RAC-1500, RAC-2130; VAN NORMAN 253-254		
SE-7/8	18" x 7/8" x 6"	100 grit
SE-1	18" x 1" x 6"	100 grit
SE-1 1/4	18" x 1 1/4" x 6"	100 grit
SE-1 1/2	18" x 1 1/2" x 6"	100 grit
SE-1 3/4	18" x 1 3/4" x 6"	100 grit

CAMSHAFT GRINDING OIL & COOLANTS

Water soluble, synthetic type coolant for crankshaft or camshaft grinding. Helps eliminate wheel glazing and promotes free-cutting action. Non-foaming, transparent, soluble in hard water, non-toxic and non-staining. **Will not irritate skin.** Light Blue.

Concentrate: Mix 2 to 5 gallons to 100 gallons of water.

1 gallon, Part No. **ML-33** 5 gallons, Part No. **ML-33-5**

Water soluble grinding concentrate oil. Base product contains "EP" (extreme pressure) additives and oil soluble corrosion inhibitors. High corrosion resistance. High lubrication; leaves oily residue film. **Does not contain sulphur, chlorine, phosphorus or nitrites.** Milky White.

Concentrate: Mix 1 to 2 gallons to 100 gallons of water.

1 gallon, Part No. **WS-11** 5 gallons, Part No. **WS-11-5**

■ MULTI-PURPOSE GRINDING COOLANT

Ideal for flywheel, crankshaft, camshaft, platen and surface grinding. Professional grade, synthetic, water-soluble coolant with excellent anti-rust properties. **Bacterial fungal resistant.** Pink.

Concentrate: Mix 30 to 1 for cast iron; 40 to 1 for aluminum.

1 gallon, Part No. **MK-1** 5 gallons, Part No. **MK-5**

FLEX-HONES

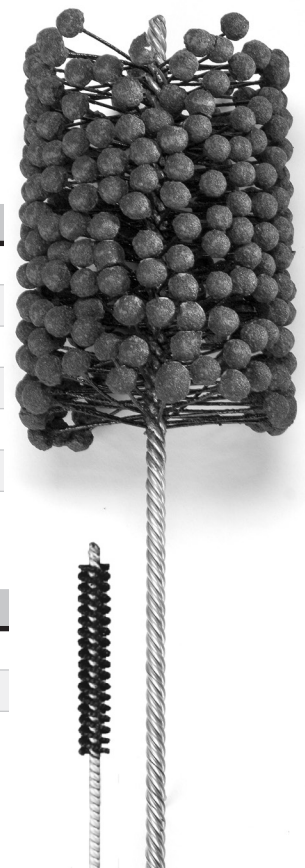
FOR CAM BEARINGS

Part No.	Size	
RCF-175	1 3/4"	120 grit
RCF-178	1 7/8"	120 grit
RCF-200	2"	120 grit
RCF-225	2 1/4"	120 grit
RCF-250	2 1/2"	120 grit
RCF-275	2 3/4"	120 grit
RCF-18E	18" Extension	

FOR LIFTER BORES

Part No.	Size	
BC-875	7/8"	GM, 120 grit
BC-875-180	7/8"	GM, 180 grit
RCF-100	1"	Ford, 120 grit

For Our Complete Selection of FLEX-HONES See Page 111.



ROD & PISTON WORK



Part No.	Size
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SUPPORT SHOES

RPE-A	0.993"
RPE-B	1.123"
RPE-C	1.043"
RPE-D	1.100"
RPE-E	1.006"
RPE-F	0.945"

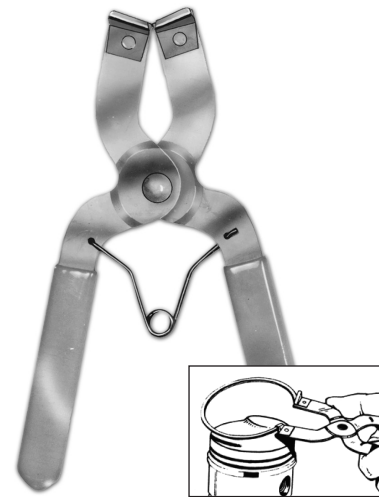
GUIDE PINS

RPE-1	0.859"
RPE-2	0.897"
RPE-3	0.926"
RPE-4	0.970"
RPE-5	0.992"
RPE-6	1.032"
RPE-7	1.055"
RPE-8	1.087"

SUPPORT SHOES AND GUIDE PINS

FOR PISTON PIN REMOVAL FIXTURES

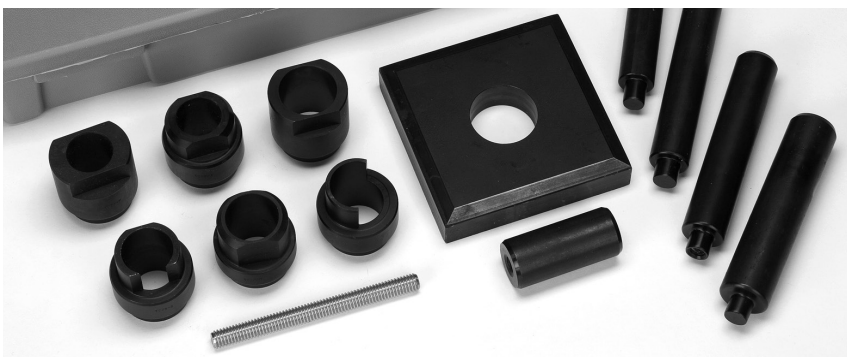
Prevent damage to the piston when removing or installing interference fit piston pins. With the help of this fixture (pictured above), the force of removal is against the piston pin and connecting rod so no pressure is applied on the piston. Works on piston pin diameters from 0.860" to 1.090".



PISTON RING INSTALLER

Reduce ring breakage by using this specialized tool. Tapered jaws remove and install most passenger and light truck rings from $\frac{3}{64}$ " to $\frac{1}{4}$ " (1.2 to 6.33mm).

Part No. **K-3350**



PISTON PIN EXTRACTOR KIT

Remove piston pins safely and quickly. Use with any shop press. Made for universal use and can be altered to fit virtually any piston. Fixtures can be purchased separately and can be changed to fit a particular application.

Complete Kit: Part No. **1029** (Includes one of each item listed below.)

Part No.	Description	Part No.	Description
1029A	#0 Fixture for .800 pins	1029H	.760 Drift Pin
1029B	#1 Fixture for .950 pins	1029J	.812 Drift Pin
1029C	#2 Fixture for 1.010 pins	1029K	.875 Drift Pin
1029D	#3 Fixture for 1.010 pins	1029L	1.000 Drift Pin
1029E	#4 Fixture for 1.110 pins	1029M	Tapped Handle
1029F	#5 Fixture for .865 pins	1029N	Threaded Rod
1029G	Base Block	1029P	Threaded Adapter

PISTON PIN INSTALLATION GAUGE

Just set the gauge for the amount of pin travel and when the piston pin is inserted, it will be centered. Makes it simple to get the correct distance on the first try. Fully adjustable for different lengths.

Part No. **1025**



ELECTRIC PISTON RING FILER

Grind piston ring gaps with complete accuracy and confidence. Dial indicator supplied with grinder to indicate in thousandths how much you have taken off. Powerful 12volt electric motor comes with a rechargeable NiCad battery and charger. Includes (2) 120-grit grinding wheels.



Part No.	Description
ERF-110	Electric Ring Filer
ERF-120	Replacement Grinding Wheels (2)



PRESS FIT LUBRICANT

Lubricates and protects metal surfaces during press fitting operations. Spray before installing valve guides, piston pins, cylinder sleeves, etc. Temperature resistant to 800°F.

Part No. **PFL-12**

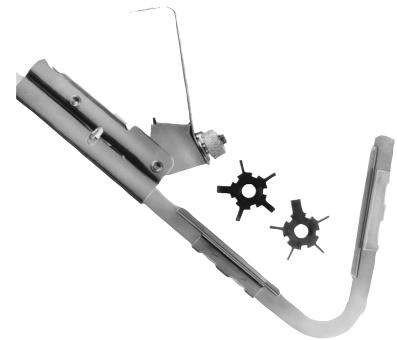


MANUAL RING FILER

ALSO FILES VALVE STEMS

File piston rings to the proper specs quickly and easily. Will support any size ring. Abrasive wheel produces clean finish. V-groove accommodates valve stem ends.

Part No.	Description
RF-100	Manual Ring/Valve Stem Filer
RF-WHEEL	Replacement Wheel

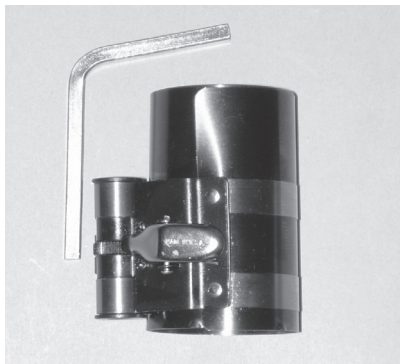


RING GROOVE CLEANER

Heavy coil spring holds cutter in groove for fast removal of carbon. Handles pistons from 2³/₄" to 5" diameter. An adapter plate (24040) is available for smaller pistons (1" to 2³/₄" diameter).

Includes - standard cutter blades (5/64", 3/32", 1/8", 5/32" and 3/16" sizes) and special cutter blades (1.5mm, 1/16", 1.75mm, 2mm and 1/4" sizes). Metric cutter wheel is also available (with 2mm, 2.5mm, 3mm, 4mm and 5mm sizes).

Part No. **K-2400**



PISTON RING COMPRESSOR

Compressor band takes all rings at once, including skirt rings. Double tension band of highest grade spring steel eliminates bottom flare. Four-band model for heavy-duty skirt pistons and one-band model for small engines also available.

Part No.	Bands	Capacity	Depth
PRC-5	2	2 ¹ / ₈ " - 5"	3 ¹ / ₂ "
PRC-7	4	3 ¹ / ₂ " - 7"	6 ¹ / ₂ "
PRC-312	1	1 ³ / ₄ " - 3 ¹ / ₂ "	2"

NEW RING COMPRESSORS

Complete Kit - Bands and pliers makes repetitive ring installation easier particularly when identical size of rings are installed at the same assembly unit. Without taking the pliers off the band on which you are working, you can operate it from either a vertical or horizontal position.



Part No.	Description
----------	-------------

R-980	COMPLETE KIT - Size 2 ⁷ / ₈ " to 4 ³ / ₈ "
R-980A	Pliers Only
R-980S	Pliers with one band - Size 3 ³ / ₈ " to 3 ⁵ / ₈ "

PISTON RING BANDS

R-980B	Size - 2 ⁷ / ₈ " to 3 ¹ / ₈ "
R-980C	Size - 3 ¹ / ₈ " to 3 ³ / ₈ "
R-980D	Size - 3 ³ / ₈ " to 3 ⁵ / ₈ "
R-980E	Size - 3 ⁵ / ₈ " to 3 ⁷ / ₈ "
R-980F	Size - 3 ⁷ / ₈ " to 4 ¹ / ₈ "
R-980G	Size - 4 ¹ / ₈ " to 4 ³ / ₈ "

STANDARD TRUCK PISTON RING BANDS

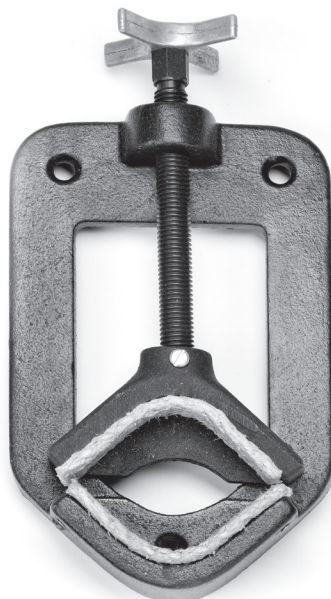
R-980H	Size - 4 ¹ / ₂ " to 4 ³ / ₄ "
R-980I	Size - 4 ³ / ₄ " to 5"
R-980J	Size - 5" to 5 ¹ / ₄ "
R-980K	Size - 5 ¹ / ₂ " to 5 ³ / ₄ "
R-980M	Size - 5 ³ / ₄ " to 6"
R-980N	Size - 5 ¹ / ₄ " to 5 ¹ / ₂ "



WRINKLE BAND RING COMPRESSOR

Wrinkle band cuts friction in half! Rings slide in easily. Also helps prevent rings from slipping down into the cylinder. Cam operated, set adjustment screw once for the entire set of pistons. Size range: 3" to 5"

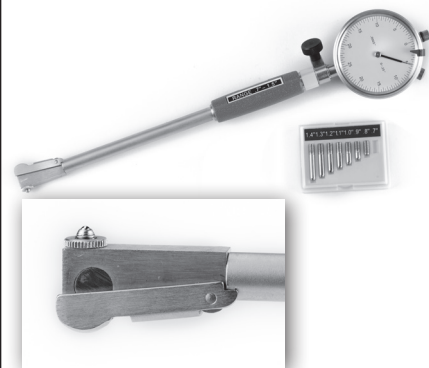
Part No. **K-2170**



PISTON VISE

Holds pistons in place while installing rings. Vise has lined jaws to protect piston from scratching or injury. Also will hold armatures or anything circular.

Part No. **RPV-260**



DIAL BORE GAUGE SET

0.7 - 1.5" RANGE, 0.0005" GRADUATIONS, 12" DEPTH

For close tolerance measurements of holes, taper, and roundness. Gauges are supplied with AGD group II dial indicator. Self-centering, easy-setting with micrometers or ring gauges. Fitted case with anvils index.

Part No. **M-70DBG**

BALANCING SCALES AND ROD STAND

Ideal for shops and high-performance engine builders who need to static balance parts. Rugged, all aluminum stand is designed for balancing rods. Adjusts to set rod perfectly level. Allows you to weigh small end and big end independently and accurately.

Includes - pedestal support that fits the scale top precisely, plus 2" and 2.3" discs to support big ends securely.

Balancing scale feature automatic tare weight correction, low battery indicator and easy-to-read digital display. Available in 5000 gram capacity.

The Scale Includes - a 110v converter or may also be used with a 9v battery (not included).

Part No.	Description
BS-1000	Rod Balancing Stand
ES-5000	Electronic Scale, 5000 gram



Use The **ES-5000** Balancing Scale With The **BS-1000** Rod Stand To Accurately Balance Rods.



ROD BOLT INSTALLATION BLOCK

Both sides are recessed so it can be used in a vise with a hammer - or with your press. Made of hardened aluminum for durability. Driving hole can be enlarged for installing oversize bolts.

Part No. **CRB-1**



ROD BOLT PROTECTORS

Low-cost plastic covers protect crankshaft journals from rod bolt damage during piston installation and removal. **One size fits all.** Sold in packs of 16

Part No. **RBP-16R**



HEAVY METAL

90% Tungsten, 17 density (same as Mallory 1000). +.002" diameter for press fit.

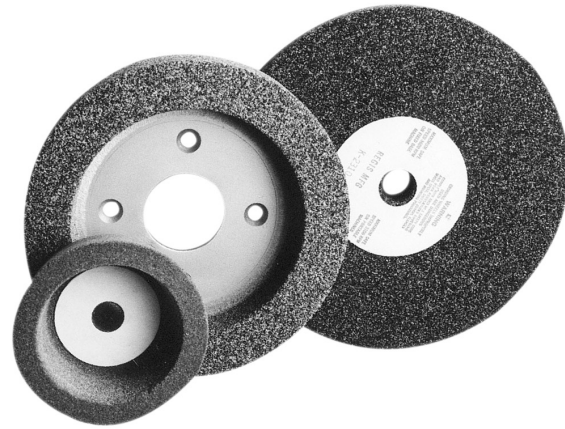
Part No.	Hole	Length	Wt.
HM-500100	1/2"	1.0"	57g
HM-500120	1/2"	1.2"	65g
HM-625100	5/8"	1.0"	91g
HM-625120	5/8"	1.2"	110g
HM-750100	3/4"	1.0"	122g
HM-750120	3/4"	1.2"	147g
HM-875100	7/8"	1.0"	169g
HM-875120	7/8"	1.2"	198g
HM-100100	1"	1.0"	227g
HM-100120	1"	1.2"	265g

HONING OIL

Fine-quality honing oil. Specific compounded oil for keeping stones clean and free cutting. Reduces honing time and increases stone life.



Part No.	Description
HO-1	One gallon, Honing Oil
HO-5	Five gallons, Honing Oil
HO-55	55 gallon drum, Honing Oil



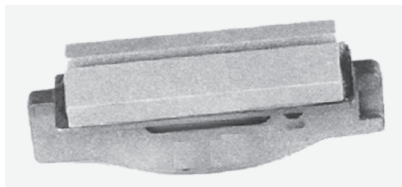
ROD AND CAP GRINDING WHEELS

Part No.	Description
ROD & CAP GRINDING WHEELS	
K-695	For Sunnen RG-305 Model 500 4" x 1½" x 1" Recessed
K-750	For Sunnen CRG-895 Model 750 6" x 2" x 1¼" Recessed
K-990	For Tobin-Arp Model CG 8400 7" x 1" x 1¾" Plate Mounted

ROD HONING STONES

SAVE WHEN YOU ORDER 25 OR MORE RH-SERIES STONE SETS!

Stone sets can be mixed by grit and range for best pricing. Please call us for more information.



FOR SUNNEN CR MANDRELS

Part No.	Mfg. No.	Description
RH-10	CR-10	Coarse, 100 grit
RH-12	CR-12	Medium, 220 grit
RH-14	CR-14	Fine, 280 grit
RH-2	CR-2	Medium, 220 grit
RH-4	CR-4	Medium, 280 grit
KC-40D	CR-40D	Shoe
KC-50B	CR-50B	Shoe
KC-50D	CR-50D	Shoe



FOR SUNNEN SL 720 & SI 2300 MANDRELS

Part No.	Mfg. No.	Description
RS-6	SL-5	Roughing
RS-8	SL-7	General Purpose
RS-14	SL-13	Finishing



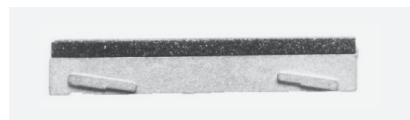
FOR SUNNEN KL MANDRELS

Part No.	Mfg. No.	Description
RK-6	KL-5	Roughing
RK-8	KL-7	General Purpose
RK-14	KL-13	Finishing



FOR SUNNEN PL MANDRELS

Part No.	Mfg. No.	Description
RP-6	PL-5	Roughing
RP-8	PL-7	General Purpose
RP-14	PL-13	Finishing



FOR SUNNEN ML MANDRELS

Part No.	Mfg. No.	Description
RM-6	ML-5	Roughing
RM-8	ML-7	General Purpose
RM-14	ML-13	Finishing

KAO-001
SLIDE HAMMER SHAFT
 1/2" x 20 thread

KAO-002
SLIDE HAMMER
 Use downward strokes of the slide hammer to lock collet, then downward strokes to remove dowel.

KAO-003
SQUEEZE COLLAR
 Fits over the extractor head to secure in place.

KAO-021
DOWEL
RETRIEVING STUD

EXTRACTOR HEAD
 Many sizes available to pull a variety of automotive head and block dowels – as well as flywheel dowel pins.

Easy To Use:
 Simply place gripping end of tool over dowel to be removed. Make sure squeeze collar is in place over it. Use downward strokes of slide hammer to lock extractor head, then upward strokes to remove dowel. Tap top end of shaft with hammer while assembly is in stand to remove dowel from extractor.

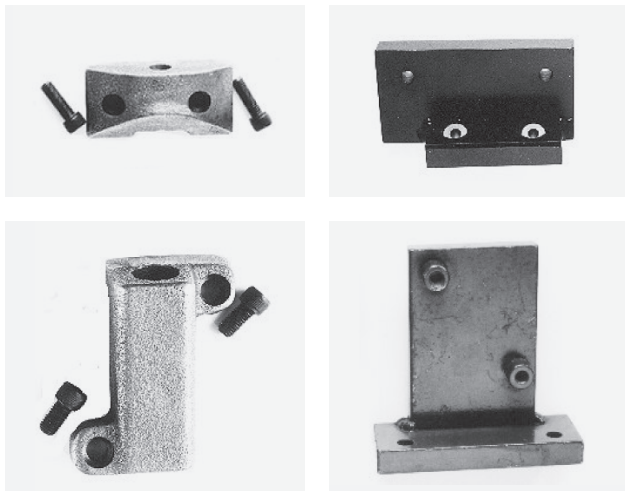
Instructions Are Included With Kit.



AUTOMOTIVE DOWEL PULLER

Pulls all 1/4", 5/16", 3/8" and 7/16" automotive head and block dowels, as well as flywheel dowel pins. Optional extractor heads are also available to pull other size dowels.

Part No.	Description		
KA-600	DOWEL PULLER KIT Extractor head sizes: 1/4", 5/16", 3/8" & 7/16" Includes one of each listed below.		
KAO-001	Slide Hammer Shaft		
KAO-002	Slide Hammer		
KAO-003	Squeeze Collar		
KAO-021	Dowel Retrieving Stud		
K-601B	1/4" Extractor Head		
K-601C	5/16" Extractor Head		
K-601D	3/8" Extractor Head		
K-601E	7/16" Extractor Head		
KA-600M	METRIC DOWEL PULLER KIT Extractor head sizes: 4mm, 5mm, 6mm & 8mm. Includes the same tooling as KA-600.		
OPTIONAL EXTRACTOR HEADS			
K-601A	3/16" (.188")	K-601N	4mm (.156")
K-601F	9/16" (.562")	K-601O	5mm (.197")
K-601G	5/8" (.625")	K-601P	6mm (.236")
K-601H	1/2" (.500")	K-601Q	11/16" (.687")
K-601I	7mm (.275")	K-601R	.640"
K-601J	8mm (.315")	K-601S	.800"
K-601K	.675"	K-601T	3/4" (.750")
K-601M	.735"	K-601W	10mm (.394")



DIPSTICK ADAPTERS

Chevy and Ford dipstick adapters convert your early blocks to later model applications. No welding needed. Just drill, tap and install the adapter.

Part No.	Description
OSD-C	Dipstick Adapter for Chevy 305-350
OSD-CJ	Mounting Jig for OSD-C
OSD-F	Dipstick Adapter for Ford 300
OSD-FJ	Mounting Jig for OSD-F



GM OIL PICKUP SCREEN INSTALLATION TOOL

These tools are designed to replace oil pump pickup tubes on all GM blocks, 4- through 8-cylinder. Engineered to give you many years of quality service.

Part No.	Description
OPS-58	5/8" Oil Pickup Screen Installation Tool
OPS-34	3/4" Oil Pickup Screen Installation Tool

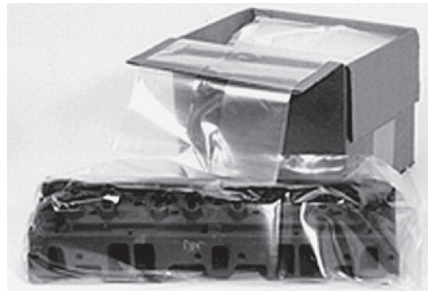


RUSTLICK 606

Moisture-absorbing rust preventative and lubricating mist. Recommended for rust proofing flywheels, crankshafts, camshafts, blocks and all assemblies prior to shipment or storage. 12 oz. spray can.

Part No. **606S**

For More Rust Proofing Products See Page 105.



PLASTIC BAGS

Protect your finished work with a REGIS heavy-duty plastic bag. Gusseted bag holds cylinder heads and crankshafts. Extra large bag holds engines and blocks.

Part No.	Size/Description
FITS HEADS & CRANKSHAFTS	
CB-10836	10" x 8" x 36" (Gusseted)
100 bags	.3 mil thickness
FITS ENGINES & BLOCKS	
EB-4050	40" x 50"
100 bags	.2 mil thickness
FITS ALL DIESEL CYLINDER HEADS	
CBD-201562	40" x 15" x 62"
50 bags	.5 mil thickness

NEW

PRECISION STRAIGHT EDGE

35" long. Extremely accurate for checking cylinder head and block work. Adequate length for most diesel engines. Enameled surfaces (except measuring edge) to protect against rust. Features a "hang up" hole at one end for safe and easy storage.

Part No. **296**



REPLACEMENT OIL GALLERY PLUGS



Standard Thread Pipe Plugs for Domestic Applications
(threads are Teflon-sealed)

RSP-25A ASSORTMENT PACK
25 qty. of each size below

Part No.	Size	Qty.
ST-062	1/16" x .300"	50 qty.
ST-125	1/8" x .300"	50 qty.
ST-250	1/4" x .375"	50 qty.
ST-251	1/4" x .460"	50 qty.
ST-375	3/8" x .375"	50 qty.
ST-376	3/8" x .760"	50 qty.
ST-500	1/2" x .550"	25 qty.
ST-750	3/4" x .540"	25 qty.



Non-sealed Threaded Oil Gallery Plugs

ROGP-10A ASSORTMENT PACK
10 qty. of each size below

Part No.	Size	Qty.
GP-001	.234" x .640"	25 qty.
GP-002	.250" x .510"	25 qty.
GP-003	.444" x .265"	25 qty.
GP-004	.471" x .310"	25 qty.
GP-005	.508" x .310"	25 qty.
GP-007	.518" x .310"	25 qty.
GP-008	.579" x .310"	25 qty.
GP-009	.589" x .310"	25 qty.
GP-010	.629" x .310"	25 qty.

Non-sealed Threaded Oil Gallery Plugs

RJPP-05A ASSORTMENT PACK
5 qty. of each size below

Part No.	Size	Qty.
TP-001	1/8" - 28	25 qty.
TP-002	1/4" - 19	25 qty.
TP-003	3/8" - 19	25 qty.
TP-004	1/2" - 14	25 qty.
TP-005	3/4" - 14	25 qty.

Metric Pipe Plugs
(threads are Teflon-sealed)

RMPP-05A ASSORTMENT PACK
5 qty. of each size below

Part No.	Size	Qty.
TPM-001	8mm - 1.0	25 qty.
TPM-002	10mm - 1.0	25 qty.
TPM-003	12mm - 1.5	25 qty.
TPM-004	14mm - 1.5	25 qty.
TPM-005	16mm - 1.5	25 qty.
TPM-006	18mm - 1.5	25 qty.
TPM-007	20mm - 1.5	25 qty.
TPM-008	22mm - 1.5	25 qty.
TPM-009	24mm - 1.5	25 qty.

IMPACT WRENCH OIL GALLERY PLUG REMOVAL TOOL

Use your 1/2" impact wrench to drive out stubborn oil gallery plugs with ease! Hardened driver features an internal threaded adjustment screw which allows you to set bit length. Each OGR comes with one bit.

Part No.	Description	
OGR-KIT	COMPLETE KIT Set of 5 - one of each tool, sizes listed below.	
	TOOL REPLACEMENT BIT	
Size	Part No.	Part No.
3/16"	OGR-187	OGRB-187
1/4"	OGR-250	OGRB-250
5/16"	OGR-312	OGRB-312
3/8"	OGR-375	OGRB-375
9/32"	OGR-281	Socket, no bit required.





RUST PROOFING SPRAY

Moisture-absorbing rust preventative and lubricating mist. Recommended for rust proofing crankshafts, camshafts, blocks, and all assemblies prior to shipment or storage. Eliminates wiping, drying, or cleaning before applying. Works equally well when applied to either wet or dry surfaces. Does not gum or harden. Remains oily. Functions as a lubricant.

Part No.	Description
606S	12 oz. spray can
606	1 gal., Rustlick
606-5	5 gals., RustLick
FO-1	Spray Unit



CRANKSHAFT GRINDING OIL & COOLANTS

Water soluble, synthetic type coolant for crankshaft or camshaft grinding. Helps eliminate wheel glazing and promotes free-cutting action. Non-foaming, transparent, soluble in hard water, non-toxic and non-staining. **Will not irritate skin.** Light Blue.

Concentrate: Mix 2 to 5 gallons to 100 gallons of water.

1 gallon	5 gallons
Part No. ML-33	Part No. ML-33-5

Water soluble grinding concentrate oil. Base product contains "EP" (extreme pressure) additives and oil soluble corrosion inhibitors. High corrosion resistance. High lubrication; leaves oily residue film. **Does not contain sulphur, chlorine, phosphorus or nitrites.** Milky White.

Concentrate: Mix 1 to 2 gallons to 100 gallons of water.

1 gallon	5 gallons
Part No. WS-11	Part No. WS-11-5

■ MULTI-PURPOSE GRINDING COOLANT

Ideal for flywheel, crankshaft, camshaft, platen and surface grinding. Professional grade, synthetic, water-soluble coolant with excellent anti-rust properties. **Bacterial fungal resistant.** Pink.

Concentrate: Mix 30 to 1 for cast iron; 40 to 1 for aluminum.

1 gallon	5 gallons
Part No. MK-1	Part No. MK-5

METAL MARKERS

Available in 4 colors

- Yellow
- White
- Blue
- Red

A marker with permanent, oil-based paint equipped with a rubber primer bulb. Releases a brightly colored paint for permanently marking cylinder heads, blocks, pistons and other engine parts. Dries quickly and will not rub off.

Part No.	Color
RM-1Y	Yellow
RM-1W	White
RM-1B	Blue
RM-1R	Red



WAY OIL

A fine quality adhesive oil lubricant for all machine tool ways. Features lasting lubrication and allows slides and tables to move freely while providing corrosion protection. Dark brown in color. **Sold in One or five gallon containers.**

Part No. WL-68

SUPREME GRADE CRANKSHAFT GRINDING WHEELS

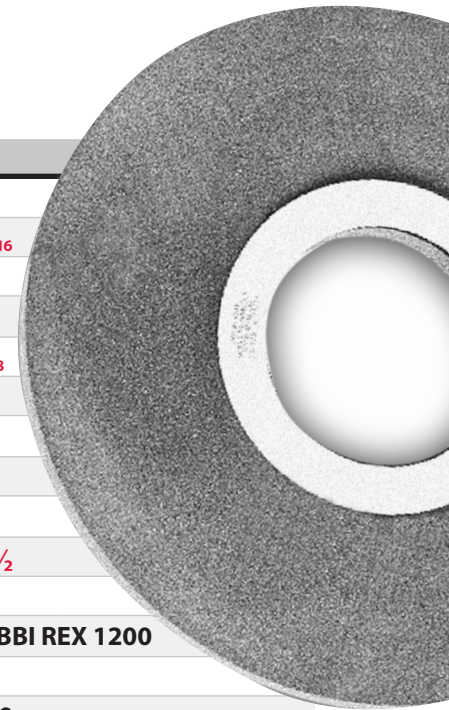
NORTON

REGIS "SUPREME GRADE" CRANKSHAFT GRINDING WHEELS are American made by Norton Abrasives, not imported from foreign sources. This means our crank wheels must meet strict ANSI specifications (for your maximum protection) and exhibit superior durability and consistency.

**Wheels Are 54 Grit
And Feature Cemented
Arbor Holes.**

Machine	Diameter x Arbor					
AMC	26 x 8	32 x 8	—	—	—	—
Peterson/Berco	—	26 x 8	28 x 8	32 x 12	36 x 12	—
RMC/Robbi	24 x 8	28 x 8	—	32 x 12	36 x 12	—
Scledum (S/V)	24 x 8	26 x 8	28 x 8	—	36 x 12	—
Storm Vulcan	18 x 3	20 x 3	22 x 5	24 x 5	—	—
Winona/Van Norman	—	24 x 8	26 x 8	28 x 8	32 x 8	36 x 12

Diameter x Arbor	Machine	Widths are reflected in the red Regis part numbers.					
18 x 3	STORM VULCAN 14, 15						
V-3/4	V-7/8	V-15/16	V-1	V-1 1/8	V-1 1/4	V-1 7/16	
V-1 1/2	V-1 5/8	V-1 3/4	V-1 7/8	V-2			
20 x 3	STORM VULCAN 15 SPECIAL, 1550, 1648						
SSV-3/4	SSV-13/16	SSV-7/8	SSV-15/16	SSV-1	SSV-1 1/16	V-1 1/8	
SSV-1 1/4	SSV-1 3/8	SSV-1 5/8	SSV-1 3/4	SSV-1 7/8	SSV-2		
22 x 5	STORM VULCAN 15A – UP TO SERIAL #593						
SA-3/4	SA-7/8	SA-15/16	SA-1	SA-1 1/8			
24 x 5	STORM VULCAN 15C, 15A SPECIAL, 15A – SERIAL #594 AND UP						
SC-3/4	SC-7/8	SC-1	SC-1 1/16	SC-1 1/8	SC-1 1/4	SC-1 1/2	
SC-1 3/4	SC-1 7/8	SC-1 15/16	SC-2				
24 x 8	WINONA VAN NORMAN 438, 448, 460, 465; SCLEDUM 200; RMC/ROBBI REX 1200						
N-3/4	N-7/8						
26 x 8	AMC K-1100; PETERSON-BERCO 180B, 225A, B, C; SCLEDUM 200, 300; WINONA VAN NORMAN 438, 448, 460, 465, 475, 476						
NN-3/4	NN-13/16	NN-7/8	NN-15/16	NN-1	NN-1 1/16	NN-1 1/8	
NN-1 1/4	NN-1 3/8	NN-1 1/2	NN-1 5/8	NN-1 3/4	NN-1 7/8	NN-2	
28 x 8	PETERSON-BERCO 260A, 260B, 270A, 270B, 270C; RMC/ROBBI REX 1500; SCLEDUM (S/V) 230, 270, 280; WINONA VAN NORMAN 400, 438, CG-210 (LATE); ZANROSSO MITO 250						
BE-3/4	BE-13/16	BE-7/8	BE-15/16	BE-1	BE-1 1/16	BE-1 1/8	BE-1 1/4
BE-1 1/2	BE-1 5/8	BE-1 11/16	BE-1 3/4	BE-1 7/8	BE-1 15/16	BE-2	BE-2 1/8
32 x 8	AMC 1400, 1500, 1800; WINONA VAN NORMAN 467, 477, CG-300						
NORM-3/4	NORM-7/8	NORM-1 1/8	NORM-1 3/8	NORM-1 1/2			
36 x 12	PETERSON-BERCO 300, 350; SCLEDUM 250; STORM VULCAN 350A, 350B, 350C; RMC/ROBBI REX 2200M, 2700M, 3100M; WINONA VAN NORMAN 111; ZANROSSO MITO 360						
BERC-3/4	BERC-7/8	BERC-1	BERC-1 1/2	BERC-1 5/8	BERC-1 3/4	BERC-2	BERC-2 1/4





COATED ABRASIVE GRIND AID

Helps prevent loading or glazing. Light bodied grease that spreads out thinly and remains "wet" on the belt, providing lubrication by penetrating the coated abrasive surface. Prevents clogging and leaves the abrasive grit free to cut clean and smooth.

Part No. **PR-26**

SKY-BLUE BACKED PREMIUM CRANKSHAFT POLISHING BELTS

Lasts Up To Four Times Longer Than Regular Belts!

This premium quality polishing belt features a sky-blue backing which conforms easily to journal radii. Bonded to the sky-blue backing are extremely high grade aluminum oxide grains, coupled with a special active dry lubricant that reduces the grinding heat, extends life and cost effectiveness.

Sold in boxes of 10



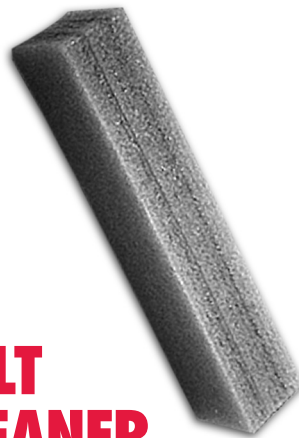
Part No.	Width x Length	
FISB-41	1" x 60"	320 grit
FISB-40	3/4" x 60"	320 grit
FISB-9	1" x 64"	320 grit
FISB-61	3/4" x 64"	320 grit
FISB-50	1" x 70"	320 grit
FISB-49	3/4" x 70"	320 grit
FISB-5	1" x 72"	320 grit
FISB-4	3/4" x 72"	320 grit
FISB-11	1" x 77"	320 grit
FISB-00	3/4" x 77"	320 grit
FISB-1	1" x 91"	320 grit
FISB-0	3/4" x 91"	320 grit



CRANKSHAFT TURNING TOOLS

Save time by using these tools during crankshaft rotation. Fit the tool on a 1/2" drive ratchet, slip over the crankshaft snout with the dampener removed, and turn crankshaft to the desired position.

Part No.	Application
K-2510	Small Block Chevy
K-2511	Small Block Ford, Pontiac, Buick
K-2512	Mopar Big Blocks
K-2513	Big Block Chevy



BELT CLEANER

Clean clogged abrasive belts and discs with this specially formulated method designed to "dry clean" dust and dirt build up from coated abrasive belts and discs. With the belt in motion, hold the Belt Cleaner firmly with both hands against the abrasive surface at a 45 degree angle. Move steadily across the belt or disc. **Size: 1 1/2" x 1 1/2" x 8"**

Part No. **ST-80**



BELT POLISHING ROUGE

A mixture of belt grease and un-fused, aluminum oxide buffing flour. The grease base serves as a lubricant and the abrasive flour functions the same as a buffing compound "coloring agent" imparting luster to the polished work. **Recommended for belt polishing operations on stainless or carbon steel when a high quality, bright finish is desirable.**

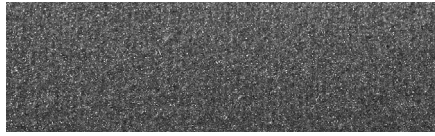
Part No. **PR-122**

CRANKSHAFT POLISHING BELTS

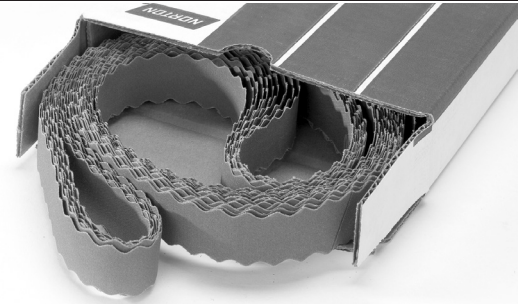
ALUMINUM OXIDE BELTS

Sold in boxes of 10

Part No.	Width x Length	Grit
42" – BELT SANDERS		
FI-421	7/8" x 42"	400
FI-79	1" x 42"	400
FI-422	7/8" x 42"	320
FI-80	1" x 42"	320
FI-81	1" x 42"	240
55 3/4" – TAMCO, TOBIN-ARP		
FI-30	1" x 55 3/4"	320
60" – BERCO, GOODSON		
FI-40	3/4" x 60"	320
FI-41	1" x 60"	320
FI-42	1 1/4" x 60"	320
FI-46	3/4" x 60"	240
FI-47	1" x 60"	240
64" – REGIS, STORM, LEMPCO, VAN NORMAN, PETERSON, KWIK-WAY, GOODSON, ATLAS		
FI-641	3/4" x 64"	400
FI-60	1" x 64"	400
FI-61	3/4" x 64"	320
FI-58	7/8" x 64"	320
FI-59	15/16" x 64"	320
FI-9	1" x 64"	320
FI-66	1 1/4" x 64"	320
FI-67	1 1/2" x 64"	320
FI-62	3/4" x 64"	240
FI-10	1" x 64"	240
FI-68	1 1/4" x 64"	240
FI-69	1 1/2" x 64"	240
FI-63	1" x 64"	180
FI-64	1" x 64"	120
FI-65	1" x 64"	80
70" – REGIS, STORM VULCAN		
FI-50	1" x 70"	320
FI-51	1" x 70"	240
FI-52	1" x 70"	180
FI-54	3/4" x 70"	320
FI-53	1" x 70"	400
FI-55	1 1/4" x 70"	320
72" – REGIS, TILLIS		
FI-721	1" x 72"	400
FI-5	1" x 72"	320
FI-6	1 1/4" x 72"	320
FI-722	1 1/2" x 72"	320
FI-723	1 3/4" x 72"	320
FI-7	1" x 72"	240
FI-8	1 1/4" x 72"	240



Part No.	Width x Length	Grit
77" – STORM VULCAN		
FI-771	3/4" x 77"	400
FI-772	7/8" x 77"	400
FI-70	1" x 77"	400
FI-773	1 1/8" x 77"	400
FI-774	1 1/4" x 77"	400
FI-775	1 1/2" x 77"	400
FI-776	1 3/4" x 77"	400
FI-777	1 7/8" x 77"	400
FI-778	2" x 77"	400
FI-00	3/4" x 77"	320
FI-11	1" x 77"	320
FI-71	1 1/8" x 77"	320
FI-12	1 1/4" x 77"	320
FI-72	1 3/8" x 77"	320
FI-13	1 1/2" x 77"	320
FI-73	1 5/8" x 77"	320
FI-14	1 3/4" x 77"	320
FI-74	1 7/8" x 77"	320
FI-75	2" x 77"	320
FI-76	3/4" x 77"	240
FI-15	1" x 77"	240
FI-16	1 1/4" x 77"	240
FI-17	1 1/2" x 77"	240
FI-18	1 3/4" x 77"	240
FI-77	1" x 77"	120
FI-78	1" x 77"	80
91" – VAN NORMAN, STORM VULCAN		
FI-25	1"	400
FI-0	3/4"	320
FI-1	1"	320
FI-2	1 1/4"	320
FI-3	1 1/2"	320
FI-4	1 3/4"	320
FI-912	2"	320
FI-20	3/4"	240
FI-21	1"	240
FI-22	1 1/4"	240
FI-23	1 1/2"	240
FI-24	1 3/4"	240
FI-913	2"	240
115" – VAN NORMAN		
FI-90	1" x 115"	320
FI-91	1" x 115"	240

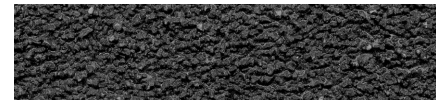


SCALLOPED-EDGE BELTS

FOR JOURNAL RADII. Used to "super polish" main journals without scarring or removing radius or material.

Sold in boxes of 10

Part No.	Width x Length	Grit
FISC-9600	1" x 64"	600
FISC-11600	1" x 77"	600
FISC-1600	1" x 91"	600
FISC-9	1" x 64"	320
FISC-11	1" x 77"	320
FISC-1	1" x 91"	320

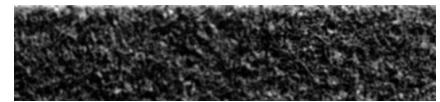


CORK BOND BELTS

Used to "super polish" main journals without scarring or removing radius or material. Sold individually

★ **NOTE:** Cork Bond Belts should be run against a dull surface initially to season belt for operation. Use Regis PR-26 Coated Abrasive Grind Aid to lubricate belt for better polishing.

Part No.	Width x Length	Grit
FICB-9	1" x 64"	320
FICB-11	1" x 77"	320
FICB-1	1" x 91"	320



ULTRA-BRITE BELTS

Resin-bond, aluminum oxide belts deliver a super-fine finish. Woven rigid backs. Sides will conform to journal radii. Sold individually

Part No.	Width x Length	Grit
FIUB-61	3/4" x 64"	320
FIUB-641	3/4" x 64"	400
FIUB-60	1" x 64"	400
FIUB-00	3/4" x 77"	320
FIUB-771	3/4" x 77"	400
FIUB-0	3/4" x 91"	320
FIUB-125	3/4" x 91"	400

CRANKSHAFT WORK

Part No. **CP-6272**



CRANKSHAFT POLISHER

Polisher is adjustable and can be operated with belts from 62" to 72" long and 3/4" to 1 1/4" wide. Portable, lightweight aluminum frame. High-torque 1/2 HP, 110 volt, single phase, 10,000 RPM motor with durable grade 5 bearings.

Part No. **CP-6272**
Parts listed are available only for CP-6272

Replacement Parts And Rollers

Part No.	Description
CP-6272A	REPLACEMENT ROLLER SET, 3/4" - 1 1/4"
CP-6272B	Replacement Motor
CP-6272C	Replacement Switch
CP-6272D	Replacement Bearing Roller
CP-6272E	Replacement Drive Roller
CP-6272A2	2" Roller Set
CP-6272D2	2" Bearing Roller
CP-6272E2	2" Drive Roller

Part No. **CPA-6472**



CRANKSHAFT POLISHER

- All Aluminum Alloy Frame Construction
- Portable – Weighs Less Than 9 Pounds!

This air-operated crankshaft polisher features a high-torque output air motor that is designed to handle the toughest jobs in your shop. And because this polisher is air-operated, you won't have to worry about purchasing a replacement motor due to abrasive dust build up on the armature and brushes, a common problem with electrical units. Also cheaper to operate and safer to use than electrical units.

Uses abrasive belts from 3/4" to 1 1/4" wide and lengths from 64" to 72".

Part No. **CPA-6472**



HEAVY METAL

90% Tungsten, 17 density (same as Mallory 1000).
+.002" diameter for press fit.

Part No.	Hole	Length	Wt.
HM-500100	1/2"	1.0"	57g
HM-500120	1/2"	1.2"	65g
HM-625100	5/8"	1.0"	91g
HM-625120	5/8"	1.2"	110g
HM-750100	3/4"	1.0"	122g
HM-750120	3/4"	1.2"	147g
HM-875100	7/8"	1.0"	169g
HM-875120	7/8"	1.2"	198g
HM-100100	1"	1.0"	227g
HM-100120	1"	1.2"	265g



REPLACEMENT SCREW SET

FOR ARNOLD OR FEDERAL JOURNAL SIZING GAUGES

These hard-to-find screw sets for the Arnold and Federal journal sizing gauges are slightly longer than the originals so they can easily be removed should the socket become deformed.

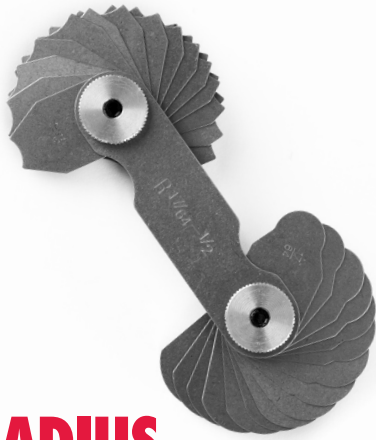
Part No. SSK	Includes (6) set screws and (1) hex key.
Part No. SSH	Hex Key also sold separately.



PLASTIGAGE

Checks main and rod bearing clearances quickly and precisely. Color coded. Made of extruded plastic thread. Instructions included. Sold in packs of 10

Part No.	Color	Size
K-4411	Green	.001" to .003"
K-4412	Red	.002" to .006"
K-4413	Blue	.004" to .009"

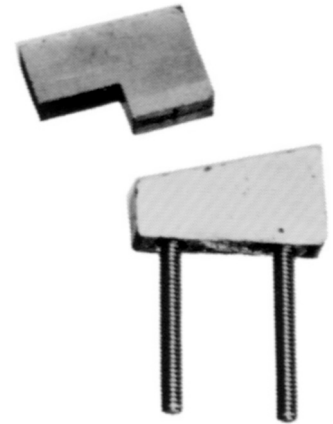


RADIUS GAUGE SET

Five different gaging surfaces on each gage for both convex and concave radius. Made of satin finish stainless steel, rust and stain resistant. With handy gage holders. $1\frac{7}{64}$ " $\frac{1}{2}$ " by 64th increments.

Part No. **M-15**

STEADY REST SHOES FOR STORM VULCAN CRANKSHAFT GRINDERS



MODELS 14 & 15

Part No.	Description	Thickness
TS-148	Top Standard	$\frac{3}{8}$ "
BS-148	Bottom Standard	$\frac{3}{8}$ "
TN-148	Top Narrow	$\frac{1}{4}$ "
BN-148	Bottom Narrow	$\frac{1}{4}$ "

MODELS 1648

TW-1633	Top Wide	$\frac{3}{8}$ "
BW-1633	Bottom Wide	$\frac{3}{8}$ "
TN-1633	Top Narrow	$\frac{3}{16}$ "
BN-1633	Bottom Narrow	$\frac{3}{16}$ "

MODELS 15A & 15A-SP

Part No.	Description	Thickness
TS-15A	Top Standard	$\frac{3}{8}$ "
LS-15A	Lower Standard	$\frac{3}{8}$ "
UT-15A	Upper Thin	$\frac{1}{4}$ "
LT-15A	Lower Thin	$\frac{1}{4}$ "

MODEL 15C

US-15C	Upper Standard	$\frac{3}{8}$ "
LS-15C	Lower Standard	$\frac{3}{8}$ "

STEEL STENCILS



Item	Size/Part No.	
HD SETS	$\frac{1}{8}$ - HD-Figure	0-9
	Heavy-duty $\frac{3}{16}$ - HD-Figure	0-9
	$\frac{1}{4}$ - HD-Figure	0-9
	$\frac{1}{8}$ - HD-Letter	A-Z
	$\frac{3}{16}$ - HD-Letter	A-Z
LD SETS	$\frac{1}{4}$ - HD-Letter	A-Z
	$\frac{1}{8}$ - LD-Figure	0-9
	Machine-made $\frac{3}{16}$ - LD-Figure	0-9
	$\frac{1}{4}$ - LD-Figure	0-9
	$\frac{1}{8}$ - LD-Letter	A-Z
HD SINGLES	$\frac{3}{16}$ - LD-Letter	A-Z
	$\frac{1}{4}$ - LD-Letter	A-Z
	$\frac{1}{8}$ - HD-Single	*
LD SINGLES	$\frac{3}{16}$ - HD-Single	*
	$\frac{1}{4}$ - HD-Single	*
	$\frac{1}{8}$ - LD-Single	*
	$\frac{3}{16}$ - LD-Single	*
	$\frac{1}{4}$ - LD-Single	*

* Specify individual figure or letter when ordering



LIFTING SLING

- 1" wide x 36" long
- Made of durable nylon webbing

Looped sling lifts up to 2300 lbs. (vertical). Secure sling to workpiece and move it with your over head hoist. A safe and easy way to handle heavy blocks and crankshafts. Not designed for use with caustics or temperatures greater than 190° F.

Part No. **LS-36**



METAL MARKERS

Available in 4 colors

- Yellow
- White
- Blue
- Red

A marker with permanent, oil-based paint equipped with a rubber primer bulb. Releases a brightly colored paint for permanently marking cylinder heads, blocks, pistons and other engine parts. Dries quickly and will not rub off.

Part No.	Color
RM-1Y	Yellow
RM-1W	White
RM-1B	Blue
RM-1R	Red

**Our Wheels Contain
15% More CBN
With A Wide
Grinder Face.**

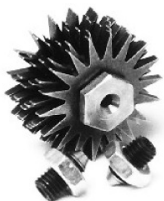


CBN FLYWHEEL STONES

A specially-engineered flywheel grinding stone created for the automobile industry to cut faster and last longer. Leaves **NEW** no dirt residue! **Not for billet steel.**

Part No.	Size
CBN-3	3" cup, 1 1/4" arbor
CBN-334	3 3/4" cup, 1 1/4" arbor
CBN-6	6" cup, 1 1/4" arbor

Made in the U.S.A.



BB-50
Complete Dresser
Assembly



BB-57
Complete Dresser
Assembly

STONE DRESSERS

FOR WINONA FG-3000, 5000, 7000
FLYWHEEL GRINDING MACHINES

Part No.	Description
BB-50	COMPLETE DRESSER ASSEMBLY
BB-50A	Replacement Cutter Set

FOR OLCOTT, DCM TECH &
OTHER FLYWHEEL GRINDERS
USING BLANCHARD DRESSERS

BB-57	COMPLETE DRESSER ASSEMBLY
BB-57A	Replacement Cutter Set



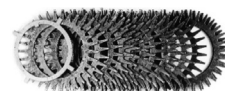
BB-10 Complete Assembly
Replacement Cutter Set
BB-14



BB-17 Complete Assembly
Replacement Cutter Set
BB-17A



BB-10L Complete Assembly
Replacement Cutter Set
BB-18



DESMOND DRESSERS FOR SURFACE GRINDERS

Part No.	Description	Fits machines
BB-10	COMPLETE ASSEMBLY	Storm RT-7Y, RT-17Y, 360A, Van Norman, Peterson
BB-14	Set of 14 loose cutters	Storm RT-7Y, RT-17Y, 360A, Van Norman, Peterson
BB-17	COMPLETE ASSEMBLY	Peterson (dry grinder), Berco late model 1200 & 1550
BB-17A	Set of 8 cutters & 5 spacers	Peterson (dry grinder), Berco late model 1200 & 1550
BB-10L	COMPLETE ASSEMBLY	Kwik-Way; Lempco 885, 855-5, 856, 860
BB-18	Set of 14 loose cutters	Kwik-Way; Lempco 885, 855-5, 856, 860
5H	Set of 4 cutters & 2 spacers*	Berco early model 1200 & 1550



FLYWHEEL GRINDING STONES

Take 10% off when you order 10 or more flywheel stones (may be assorted).

Part No.	Usage/Description	Part No.	Usage/Description
K-57	For Van Norman 570 Black stone with flare cup 5/3 ³ / ₄ x 1 ³ / ₄ x 1 ⁵ / ₁₆ "	K-1055	Steel White stone with flare cup 6/4 ¹ / ₂ x 2 x 1 ¹ / ₄ - 2" tall
K-58 <i>NEW</i>	For Van Norman 570 Gray stone with flare cup for steel 5/3 ³ / ₄ x 1 ³ / ₄ x 1 ⁵ / ₁₆ "	K-1056	Steel White stone with flare cup (4" cup) 4/3 x 1 ¹ / ₂ x 1 ¹ / ₄ - 1 ¹ / ₂ " tall
K-1051	Steel Small diameter 3/2 ¹ / ₄ x 1 ¹ / ₄ x 3/4 - 1 ¹ / ₄ " tall	K-1057	Cast Iron/General Purpose Black stone with flare cup 6/4 ¹ / ₂ x 2 x 1 ¹ / ₄ - 2" tall
K-1052	Cast Iron and Steel Ruby stone with flare cup (4" cup) 4/3 x 1 ¹ / ₂ x 1 ¹ / ₄ - 1 ¹ / ₂ " tall	K-1058	Cast Iron/General Purpose Black stone with flare cup (4" cup) 4/3 x 2 ¹ / ₈ x 1 ¹ / ₄ - 2 ¹ / ₈ " tall
K-1053	Cast Iron/General Purpose Black stone with straight-side cup 6 x 2 ¹ / ₂ x 1 ¹ / ₄ - 2 ¹ / ₂ " tall Flat flywheel	K-1059	Cast Iron and Steel Ruby stone with flare cup 6/4 ¹ / ₂ x 2 ¹ / ₂ x 1 ¹ / ₄ - 2 ¹ / ₂ " tall
K-1054	Cast Iron/General Purpose Black stone with flare cup 6/4 ¹ / ₂ x 2 ¹ / ₂ x 1 ¹ / ₄ - 2 ¹ / ₂ " tall Premium grade	R-FATBOY	Heavy-duty Black stone with flare cup for diesel applications 6 x 4 ¹ / ₂ x 2 ³ / ₄ x 2 ³ / ₄ " tall 3/4" cutting surface

For Flywheel Grinder Machine Filters See Page 11

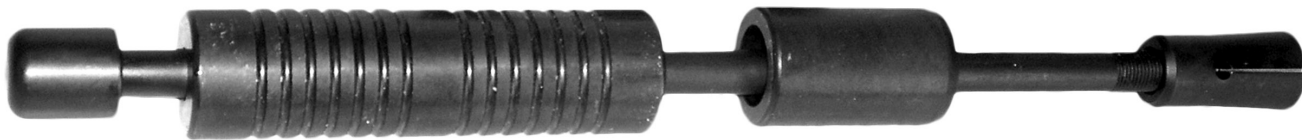


MULTI-PURPOSE GRINDING COOLANT

Ideal for flywheel, crankshaft, camshaft, platen and surface grinding. Professional grade, pink, synthetic, water-soluble coolant with excellent anti-rust properties. **Bacterial fungal resistant.**

Concentrate: Mix 30 to 1 for cast iron; 40 to 1 for aluminum.

Part No.	Description
MK-1	1 gallon, Multi-purpose Coolant
MK-5	5 gallons, Multi-purpose Coolant



AUTOMOTIVE DOWEL PULLER

Pulls all $\frac{1}{4}$ " , $\frac{5}{16}$ " , $\frac{3}{8}$ " and $\frac{7}{16}$ " automotive head and block dowels, as well as flywheel dowel pins. Optional extractor heads are also available to pull other size dowels.

Easy To Use: Simply place gripping end of tool over dowel to be removed. Make sure squeeze collar is in place over it. Use downward strokes of slide hammer to lock extractor head, then upward strokes to remove dowel. Tap top end of shaft with hammer while assembly is in stand to remove dowel from extractor.

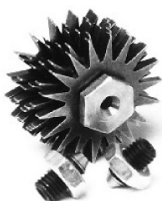
Instructions Are Included With Kit.

Part No.	Description
KA-600	DOWEL PULLER KIT Extractor head sizes: $\frac{1}{4}$ " , $\frac{5}{16}$ " , $\frac{3}{8}$ " & $\frac{7}{16}$ " Includes one of each listed below.
KAO-001	Slide Hammer Shaft ($\frac{1}{2}$ " x 20" thread)
KAO-002	Slide Hammer
KAO-003	Squeeze Collar
KAO-021	Dowel Retrieving Stud
K-601B	$\frac{1}{4}$ " Extractor Head
K-601C	$\frac{5}{16}$ " Extractor Head
K-601D	$\frac{3}{8}$ " Extractor Head
K-601E	$\frac{7}{16}$ " Extractor Head
KA-600M	METRIC DOWEL PULLER KIT Extractor head sizes: 4mm, 5mm, 6mm & 8mm. Includes the same tooling as KA-600, above.

Breakdown For Parts Shown On Page 93

OPTIONAL EXTRACTOR HEADS

Part No.	Description
K-601A	$\frac{3}{16}$ " (.188")
K-601F	$\frac{9}{16}$ " (.562")
K-601G	$\frac{5}{8}$ " (.625")
K-601H	$\frac{1}{2}$ " (.500")
K-601I	7mm (.275")
K-601J	8mm (.315")
K-601K	.675"
K-601M	.735"
K-601N	4mm (.156")
K-601O	5mm (.197")
K-601P	6mm (.236")
K-601Q	$1\frac{1}{16}$ " (.687")
K-601R	.640"
K-601S	.800"
K-601T	$\frac{3}{4}$ " (.750")
K-601W	10mm (.394")



BB-50
Complete Dresser
Assembly



BB-57
Complete Dresser
Assembly

STONE DRESSERS

FOR WINONA FG-3000, 5000, 7000 FLYWHEEL GRINDING MACHINES

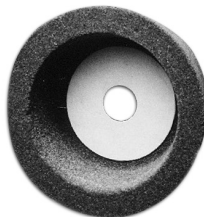
Part No.	Description
BB-50	COMPLETE DRESSER ASSEMBLY
BB-50A	Replacement Cutter Set

FOR OLCOTT, DCM TECH & OTHER FLYWHEEL GRINDERS USING BLANCHARD DRESSERS

BB-57	COMPLETE DRESSER ASSEMBLY
BB-57A	Replacement Cutter Set

CLUTCH GRINDING WHEELS

Regis clutch grinding wheels are available for Van Norman and Lemco machines.



FOR VAN NORMAN 444

Part No. K-2316
8 x $\frac{3}{4}$ x $\frac{7}{8}$ - for pressure plates
Mfg. #10937-10167

Part No. K-444
5/4 x 3 x $\frac{7}{8}$ - for flywheels
Mfg. #10166-11155

FOR LEMPCO NAC, VAC

Part No. K-2316
8 x $\frac{3}{4}$ x $\frac{7}{8}$ - for pressure plates

FOR LEMCO A-C

Part No. K-404
4/3 $\frac{3}{8}$ x 1 $\frac{7}{8}$ x $\frac{5}{8}$ (flare cup)



GRINDING COOLANT

Ideal for flywheel, crankshaft, camshaft, platen and surface grinding. Professional grade, pink, synthetic, water-soluble coolant with excellent anti-rust properties. **Bacterial fungal resistant.**

Concentrate: Mix 30 to 1 for cast iron; 40 to 1 for aluminum.

Part No.	Description
MK-1	1 gallon, Multi-purpose Coolant
MK-5	5 gallons, Multi-purpose Coolant

LAYOUT FLUID & SPRAY

Great for aligning parts, locating high spots, porting and many other shop uses. Blue and red layout fluid in 8 oz. bottles with dauber brush or Toolmaker's Blue Layout Ink in a 16 oz. spray can. Non-corrosive.



Heat Resistant With Good Adhesion To All Metals And Glass.

Part No.	Description
DC-8B	Blue Layout Fluid, 8 oz.
DC-8R	Red Layout Fluid, 8 oz.
RG-16358	Blue Spray, 16 oz.

RUST PREVENTATIVE COATING



APPLY TO DRY METAL BY SPRAYING, BRUSHING OR DIPPING.

Heavy film protection for machined surfaces and crankshaft journals. Ideal for short or long term storage and protection against abrasion or rough handling. Dries fast, leaves a film that is easily removed with any solvent. Film thickness may be reduced. Can be cut with honing oil up to 15% for easier spraying.

Part No. IC-360



PRESS FIT LUBRICANT

Lubricates and protects metal surfaces during press fitting operations. Spray before installing valve guides, piston pins, cylinder sleeves, etc. Temperature resistant to 800° F.

Part No. PFL-12

RUSTLICK™ RUST PROOFING SPRAY



Moisture-absorbing rust preventative and lubricating mist. Recommended for rust proofing crankshafts, camshafts, blocks, and all assemblies prior to shipment or storage. Eliminates wiping, drying, or cleaning before applying. Works equally well when applied to either wet or dry surfaces. Does not gum or harden. Remains oily. Functions as a lubricant.

Part No.	Description
606S	12 oz. spray can
606	1 gallon
606-5	5 gallons
FO-1	Spray Unit



REGIS ENGINE PAINTS

Restores a new finish! Ideal for use on newly cleaned cylinder heads, engine blocks, etc. Features a durable, quick-dry formula with excellent adhesion.

Part No.	Description
NEW-CAST	Cast Iron Gray
RG-1655	Aluminum Gray
OEM COLORS	
RG-41	Chrome Aluminum
RG-42	Universal Black
RG-73	Cummins Beige



ENGINE OILER

Prevent damage done by dry cranking or dry starts on a rebuilt engine. Use this air-powered oiler to fill crankcase or fill oil galleries. Some shops loan these out with a remanufactured engine as part of the warranty. Sold in 5 quart containers.

Part No. **EPL-1**



PRESS FIT LUBRICANT

Lubricates and protects metal surfaces during press fitting operations. Spray before installing valve guides, piston pins, cylinder sleeves, etc. Temperature resistant to 800° F.

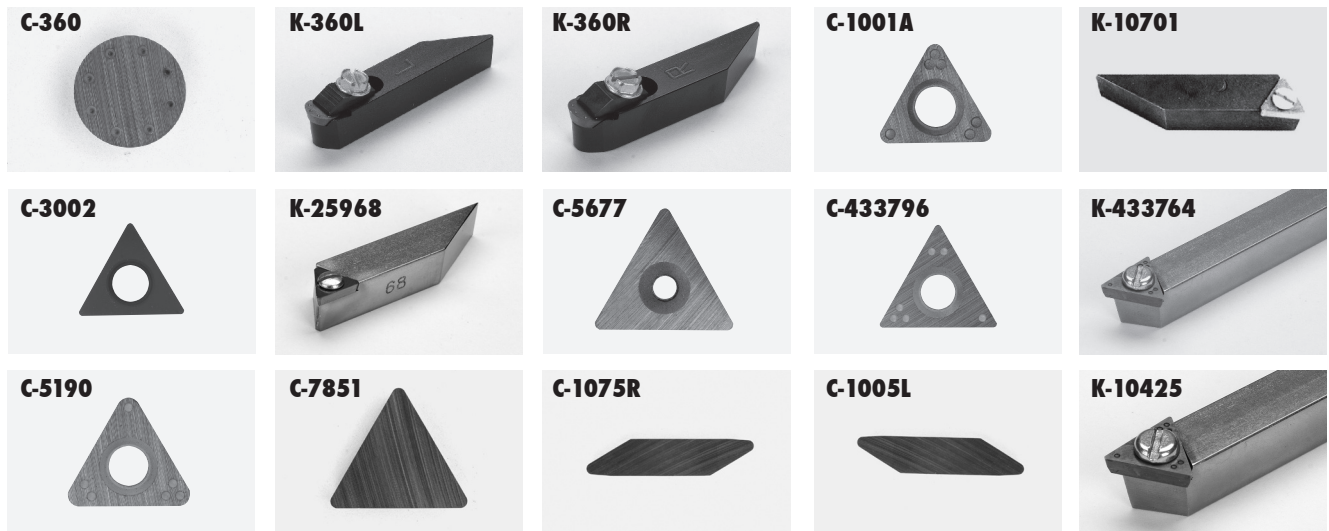
Part No. **PFL-12**



DRY GRAPHITE LUBRICANT

A slippery, clean, dry, non-staining lubricant used where petroleum-based products must be avoided. Stops sticking and squeaking in temperature environments from -100° F to +1000° F.

Part No. **DG-8078**



REPLACEMENT BRAKE LATHE TIPS & HOLDERS

Quantity Discounts: Order 10 to 24 tips, 10% off; 25 to 99 tips, 20% off; 100 or more, 30% off.

Part No.	Description	Mfg. No.
FOR ALL MACHINES		
C-360	Round Tip	Pos. rake CT-10
K-360L	Round Tip Holder, left hand, $\frac{3}{8} \times \frac{3}{8} \times 1\frac{7}{8}$ "	—
K-360R	Round Tip Holder, right hand, $\frac{3}{8} \times \frac{3}{8} \times 1\frac{7}{8}$ "	—
AMMCO – 700, 710, 1000, 2002, 3000, 4000, 4100, 7000, 7500, 7700		
C-1001A	Tip	Neg. rake 6914
C-1001	Tip, tin coated gold	Neg. rake 6914
C-6499	Set screw	—
K-10872	Tip Holder (for tips above) for drums	9872
K-10701	Tip Holder, right hand (for tips above) for rotors	10701
K-10702	Tip Holder, left hand (for tips above) for rotors	10702
AMMCO - 3850		
C-3002	Tip, $\frac{1}{64}$ " radius	Pos. rake 6918
C-3001	Tip, $\frac{1}{32}$ " radius	Pos. rake 7681
K-25968	Tip Holder, right hand (for tips above) rotors	25968
K-25969	Tip Holder, left hand (for tips above) rotors	25969
AMMCO HD - 5000, 6000, 6002		
C-5677	Tip	Pos. rake 5677
K-9695	Tip Holder for drums	9695
K-5887	Tip Holder (double-ended) for rotors	5887
ACCUTURN - All combination disc/drum lathes		
C-433796	Tip	Pos. rake 433796
K-433763	Tip Holder, right hand (for tips above)	433763
K-433764	Tip Holder, left hand (for tips above)	433764

Part No.	Description	Mfg. No.
FMC – 600, 601, 700, 701, RotoTruer		
C-5190	Tip	Pos. rake 90487
K-433763	Tip Holder, right hand	433763
K-433764	Tip Holder, left hand	433764
VAN NORMAN/RELS - 204, 204D, 205, 205DC, 415, 243X		
C-7851	Tip	Pos. rake 29687
VAN NORMAN/RELS – 204, 205, 205DR, 300, 302, 333, 243, 243XV		
C-1075R	Tip	Pos. rake 302-7167
VAN NORMAN/RELS – 303, 304, 305, 404, 405, V22		
C-1005L	Tip	Pos. rake 304-7167
KWIK-WAY – CBL, NCL, SDL, Kwik-Lathe On-the-Car-Lathe		
C-7854	Tip	Pos. rake 109-1092-23
K-10424	Tip Holder, right hand	—
K-10425	Tip Holder, left hand	—
STAR – XDS, XD1, 835A, 1776		
C-3800	Tip	Neg. rake CB-60
K-10424	Tip Holder, right hand	—
K-10425	Tip Holder, left hand	—
BEAR – 1410, 1466, 1467, 1468, 1469, 14787		
C-4800	Tip	Neg. rake 2264, 72265
K-10424	Tip Holder, right hand	—
K-10425	Tip Holder, left hand	—
BEAN – 400, 500, 600 series		
C-5800	Tip	Pos. rake 90487

BRAKE DRUM LATHE TOOLS



LEFT HAND TOOL

Part No. **KL-1**

FOR CAST IRON, 3/8" sq. x 2 1/2"
Fits Bean; Star; Bear;
Van Norman 303, 304H, Jumbo 304



RIGHT HAND TOOL

Part No. **KR-1**

FOR CAST IRON, 3/8" sq. x 2 1/2"
Fits Bean; Star; Bear;
Van Norman 303, 304H, Jumbo 304

BRAKE DRUM GRINDING WHEELS

Regis Brake Drum Grinding Wheels are available to fit most popular models from Van Norman, Ammco and Lempro.

FOR VAN NORMAN 204, 302, 303, 304, 204H, 333, 404

Part No.	Size	Mfg. No.
K-111	3" x 5/8" x 3/4"	29594 (204)
K-122	3" x 5/8" x 1"	8522
K-211	3 1/2" x 5/8" x 1"	8931
K-424	4" x 5/8" x 1"	8523
K-744	5" x 5/8" x 1"	8524



FOR VAN NORMAN 310 (Big Brute)

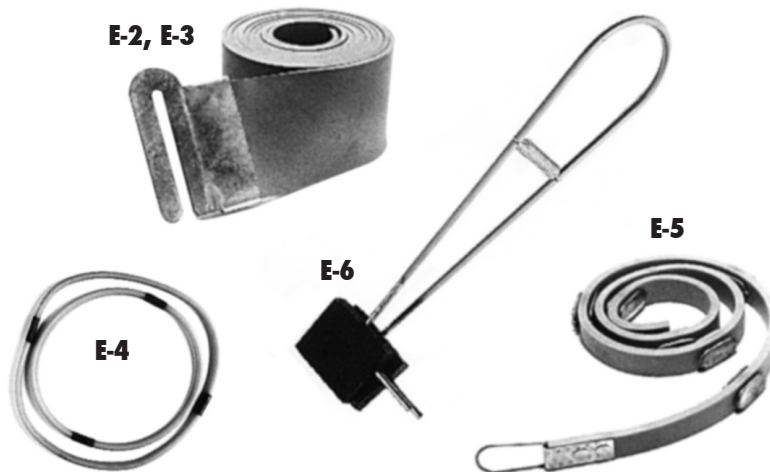
Part No.	Size	Mfg. No.
K-123	3" x 1" x 1"	
K-425	4" x 1" x 1"	
FOR AMMCO		
K-204	2 1/2" x 3/8" x 3/8"	333
FOR LEMPRO		
K-112	3" x 1 1/2" x 5/8"	Y235



AMMCO SILENCER PADS

FITS AMMCO 7075 DISC ROTOR. Replacement silencer pads stop loud noise when turning thin, non-vented disc rotors common on small cars. Sold as a set of 2 silencer pads.

Part No. **BR-9183**



SILENCER BANDS

Eliminate chatter when turning drums, discs and rotors.

Part No.	Application	Size
E-2	For truck drums	2 5/8" x 7 ft.
E-3	For passenger drums	1 1/2" x 5 ft.
E-4	For non-vented rotors	5/16" x 9 3/8" x 5/16" x 7" (set of 2)
E-5	For disc rotors	9" diameter (with lead pieces)
E-6	Clamp-on style. Fits all disc and rotor lathes (vented and non-vented)	



BRAKE LATHE ARBORS & ADAPTERS

Top-Quality Replacement Parts Meet Or Exceed OEM Quality Specifications.
Large selection of sizes and types of adapters and accessories for all 1" arbor brake lathes.

Part No.	Fits Machine
1" ARBORS	
BR-3101	Ammco 2000, 3000, 4000, 4100, 7000, 7700
BR-433701	Accu-Turn
BR-20442	VN/Rels 204, 243
1" ARBOR ACCESSORIES	
BR-3102	Arbor Nut, fits all Ammco except 1101
BR-20474	Arbor Nut, fits all arbors listed above except Ammco
BR-204240	Washer for VN/Rels arbor
BR-3110	Centering Spring
BR-3125	1" Spacer, 1/2" long
BR-5040	1" Spacer, 1" long
BR-5041	1" Spacer, 1 1/2" long
BR-5042	1" Spacer, 2" long
BR-9492	1" Spacer, flexible 5/8" long
AUTOMOTIVE BELL CLAMPS	
BR-9489	3.625" O.D.
BR-9490	4.500" O.D.
BR-3123	5.750" O.D.

Part No.	Description
AUTOMOTIVE SINGLE-TAPERED CENTERING CONES	
BR-3777	7-Piece Set 1.250" - 4.031" range
BR-3902	1.250" - 1.750"
BR-3903	1.187" - 2.250"
BR-3904	1.703" - 2.750"
BR-3108	2.328" - 2.986"
BR-3178	2.650" - 3.224"
BR-3107	2.890" - 3.500"
BR-3106	3.421" - 4.031"
AUTOMOTIVE DOUBLE-TAPERED CENTERING CONES	
BR-9232	5-Piece Set 1.322" - 2.897" range
BR-9921	1.322" - 1.670"
BR-9922	1.362" - 1.710"
BR-9192	1.711" - 2.073"
BR-9193	2.074" - 2.440"
BR-9194	2.441" - 2.897"
BR-9233	2-Piece Set 2.828" - 3.560" range
BR-9195	2.828" - 3.185"
BR-9196	3.203" - 3.560"

Part No.	Description
TRUCK ADAPTER SETS	
BR-5062	STANDARD TRUCK SET
SET INCLUDES: 3 7/8" x 5 1/8" centering cone, two 6 1/2" bell clamps and heavy-duty spring.	
BR-5060	MASTER TRUCK SET
SET INCLUDES: 3 7/8" x 5 1/8" centering cone, 5" x 6 1/8" centering cone, 6 1/2" bell clamp, 7 3/4" bell clamp and heavy-duty spring.	
BR-5061	F-250 TRUCK SET
SET INCLUDES: 4 1/2" x 5 1/2" centering cone, two 7 3/4" bell clamps and heavy-duty spring.	
INDIVIDUAL TRUCK ADAPTERS	
BR-5053	Centering Cone, 3 7/8" x 5 1/8"
BR-5052	Centering Cone, 4 1/2" x 5 1/2"
BR-5054	Centering Cone, 5" x 6 1/8"
BR-5055	Bell Clamp, 6 1/2" O.D.
BR-5056	Bell Clamp, 7 3/4" O.D.
BR-5059	Heavy-duty Spring

QUESTIONS?

Call Toll-Free: **1-800-527-7604**
Direct: **214-421-5171**

REPLACEMENT PARTS FOR AMMCO



DUST BOOTS

Part No.	Fits
----------	------

BR-3086 Fits feed screw
For Ammco 3000, 3850, 4000, 7000

BR-3087 Fits cross feed
For Ammco 3000, 4000, 4100, 7000, 7700

LOCKING KNOB & BRASS WEAR INSERTS

Part No.	Description
----------	-------------

BR-6854 Red Knob

Brass Wear Inserts	Size
--------------------	------

BR-3141 3/16" x 1/8"

BR-3142 19/64" x 1/4" *

BR-9836 1/4" x 1 19/64"

* Most Common Size.



SPINDLE BOOT

For 3000, 4000, 4100, 7100

Part No.	Description
----------	-------------

BR-3085 Spindle Boot

BR-23682 Boot Ring

BR-4435 C-Clip

BR-3159 Snap Ring

AMMCO CROSS FEED SHEAR GEAR & C-CLIP
Fits Ammco 4000, 4100

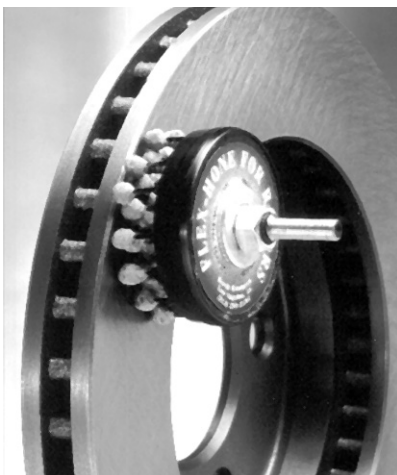
Part No. **BR-7996**



ROTOR ADAPTER

One-piece rotor adapter mounts 3/4 AND 1-TON ROTOR ASSEMBLIES quickly and easily — without disassembly! Adapter locates from the rear bearing flange, which is the only accurate way to machine these rotors. For '92 and later GM 4x4, '94 and later Dodge Ram and '98 and later Ford trucks. Mounts to any 1" arbor brake lathe.

Part No. **BR-8495**



BRAKE ROTOR FLEX-HONES

Flex-Hones deliver a superior finish on brake rotors and flywheels. Use with a 3/8" drill at 600-1000 rpm.

Part No.	Description
----------	-------------

RFH-060 Coarse grade, 60 grit

RFH-120 Medium grade, 120 grit

RFH-240 Fine grade, 240 grit

BRAKE CYLINDER FLEX-HONES

Flex-Hones are resilient, flexible, honing tools with a soft cutting action. Each abrasive globule has independent suspension that assures the Flex-Hone to be self-centering, self-aligning to the bore, and self-compensating for wear. The resulting "crosshatch" finish is extremely efficient in providing a multiplicity of oil grooves or valleys for oil retention as opposed to the often unidirectional or uneven valleys common to the conventional type rigid hone. This crosshatch usually remains as the cylinder wall has been wear-reduced by the Flex-Hone.

Part No.	Size	mm	Grit
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RCF-062 5/8" 15.9 120 grit

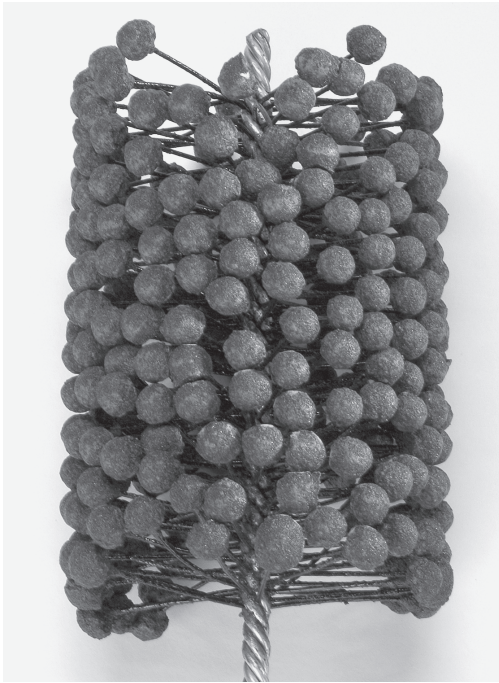
RCF-075 3/4" 19.0 120 grit

BC-875 7/8" 22.2 120 grit

BC-875-180 7/8" 22.2 180 grit

RCF-100 1" 25.4 120 grit





- VALVE GUIDES
- LIFTER BORES
- ENGINE CYLINDERS
- CAM BEARINGS

FLEX-HONES®

THE FLEX-HONE® SUPER-FINISHING PROCESS PRODUCES A CONTROLLED SURFACE CONDITION UNATTAINABLE BY ANY OTHER METHOD!

Flex-Hones are resilient, flexible, honing tools with a soft cutting action. Each abrasive globule has independent suspension that assures the Flex-Hone to be self-centering, self-aligning to the bore, and self-compensating for wear.

This low-temperature abrading process exposes the undisturbed base metal structure to produce a long wearing surface. The Flex-Hone process develops a surface which is optically smooth and metallurgically free of any fragmented, amorphous or smeared metal from previous operations.

The resulting "crosshatch" finish is extremely efficient in providing a multiplicity of oil grooves or valleys for oil retention as opposed to the often unidirectional or uneven valleys common to the conventional type rigid hone. This crosshatch usually remains as the cylinder wall has been wear-reduced by the Flex-Hone.

Part No.	Size	mm	OAL	Application
STANDARD, 120 GRIT				
RVF-250	1/4"	6.4	8"	Valve Guides
RVF-276	9/32"	7.0	8"	Valve Guides
RVF-315	5/16"	8.0	8"	Valve Guides
RVF-354	11/32"	9.0	8"	Valve Guides
RVF-394	3/8"	10.0	8"	Valve Guides
RVF-433	7/16"	11.0	8"	Valve Guides
RCF-050	1/2"	12.7	8"	Small Cylinders
RCF-062	5/8"	15.9	8"	Small Cylinders
RCF-075	3/4"	19.0	8"	Small Cylinders
BC-875	7/8"	22.2	8"	Lifter Bore (Small Block Chevy)
RCF-100	1"	25.4	8"	Small Cylinders
RCF-125	1 1/4"	31.8	8"	Small Cylinders
RCF-150	1 1/2"	38.0	8"	Small Cylinders
RCF-175	1 3/4"	44.5	8"	Small Cylinders
RCF-178	1 7/8"	47.6	8"	Cam Bearings (Chevy 350)
RCF-200	2"	50.8	8"	Cam Bearings
RCF-225	2 1/4"	57.15	8"	Cam Bearings
RCF-250	2 1/2"	63.5	8"	Cam Bearings
RCF-275	2 3/4"	59.4	8"	Cam Bearings
RCF-18E	18" Extension			Fits (RCF-200 thru RCF-275)
RCF-300	3"	76.0	8"	Cam Bearings
RCF-325	3 1/4"	82.6	13" - 1/2"	Cam Bearings
RCF-350	3 1/2"	89.0	13" - 1/2"	Cam Bearings
RCF-375	3 3/4"	95.3	13" - 1/2"	Large Cylinders
RCF-412	4 1/8"	104.7	13" - 1/2"	Large Cylinders
RCF-462	4 5/8"	117.4	13" - 1/2"	Large Cylinders

Part No.	Size	mm	OAL	Application
STANDARD, 180 GRIT				
RCF-5MM	—	5	8"	Valve Guides
RCF-5.5MM	—	5.5	8"	Valve Guides
RCF-6MM	—	6	8"	Valve Guides
BC-875-180	5/8"	22.2	8"	Lifter Bore (Small Block Chevy)
RCF-150-180	1 1/2"	38.0	8"	Small Cylinders
RCF-175-180	1 3/4"	44.5	8"	Cam Bearings
RCF-200-180	2"	50.8	8"	Cam Bearings
HEAVY-DUTY, 120 GRIT				
RCF-300HD	3"	76.0	17" - 1/2"	Cam Bearings, Heavy-duty
RCF-325HD	3 1/4"	82.6	17" - 1/2"	Cam Bearings, Heavy-duty
RCF-350HD	3 1/2"	89.0	17" - 1/2"	Cam Bearings, Heavy-duty
RCF-400HD	4"	101.6	17" - 1/2"	Large Cylinders, Heavy-duty
RCF-425HD	4 1/4"	108.0	17" - 1/2"	Large Cylinders, Heavy-duty
RCF-450HD	4 1/2"	114.3	17" - 1/2"	Large Cylinders, Heavy-duty
RCF-500HD	5"	127.0	17" - 1/2"	Large Cylinders, Heavy-duty
RCF-550HD	5 1/2"	139.7	17" - 1/2"	Large Cylinders, Heavy-duty
RCF-600HD	6"	152.4	17" - 1/2"	Large Cylinders, Heavy-duty
RCF-650HD	6 1/2"	165.1	17" - 1/2"	Large Cylinders, Heavy-duty
STANDARD, 320 GRIT				
RCF-300-320	3"	76.0	13" - 1/2"	Cam Bearings
RCF-325-320	3 1/4"	82.6	13" - 1/2"	Cam Bearings
RCF-350-320	3 1/2"	89.0	13" - 1/2"	Cam Bearings
RCF-375-320	3 3/4"	95.0	13" - 1/2"	Large Cylinders
RCF-412-320	4 1/8"	104.7	13" - 1/2"	Large Cylinders
RCF-462-320	4 5/8"	117.4	13" - 1/2"	Large Cylinders
RCF-500-320	5"	125.0	13" - 1/2"	Large Cylinders

■ SEE DIAMOND FLEX-HONES ON PAGE 35



100 WATT MULTI-LAMP

- Milling Machines
- Bench Lighting
- Grinders
- Drill Presses
- Lathes
- Parts Washers
- Inspection Work
- Assembly

Replacement lamp with a special design that draws heat away from switch and socket area resulting in maximum component life. Mounts various ways. Shade remains absolutely cool to the touch, thanks to air space between the inner reflector and outer shade. 100 watt capacity to see better and work better. UL & CSA approved construction. Accepts standard A-19 bulbs.

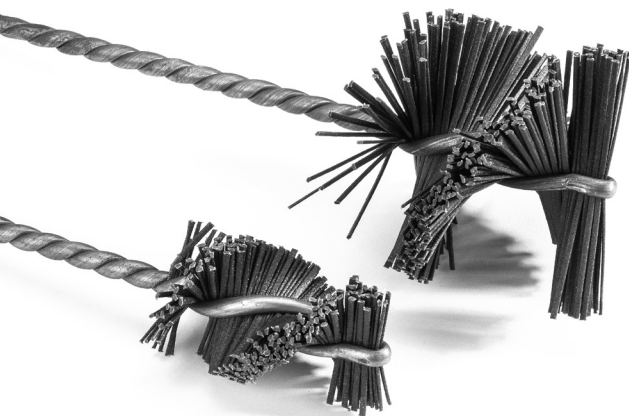
Part No. **ML-1**



TAPER DEBURRING REAMERS

Remove burrs; enlarge and align holes; also used for starting taps. Made of heat-treated steel. Oversized so full range can be maintained after sharpening. Can be used with 550 RPM (max. speed) drill.

Part No.	Description
K-3055	1/8" to 1/2" range, 5 5/8" long
K-3056	7/16" to 1" range, 6 1/2" long



GIVES A HIGH-MICRON FINISH TO VALVE GUIDES, CYLINDERS AND LIFTER BORES

ULTRA-FLEX FINISH BRUSHES

WILL NOT ENLARGE BORE DIAMETERS!

Removes tiny peaks and scuffs left after reaming or honing. Ideal for racing and high-performance applications – also for new engine cylinders that require low-tension rings. Same abrasive material used for plateau brushes.

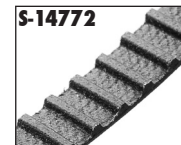
Part No.	For Hole Diameter(s)	Brush Diameter	Brush Length	Overall Length
R-5.5mm	5.5 mm 7/32"	.241"	1"	4"
R-6.4mm	6.4 mm 1/4"	.275"	1 1/4"	4 1/2"
R-7mm	7 mm 9/32"	.309"	1 1/4"	4 1/2"
R-8mm	8 mm 5/16"	.343"	1 1/4"	4 1/2"
R-9mm	9 mm 11/32"	.378"	1 1/4"	4 1/2"
R-10mm	10 mm 3/8"	.413"	1 1/4"	4 1/2"
R-11mm	11 mm 7/16"	.481"	1 1/4"	4 1/2"
R-12mm	12 mm 15/32"	.516"	1 1/4"	4 1/2"
R-13mm	13 mm 1/2"	.550"	1 1/2"	5"
R-14mm	14 mm 9/16"	.618"	1 1/2"	5"
R-16mm	16 mm 5/8"	.688"	1 1/2"	5"
R-17.5mm	17.5 mm 11/16"	.756"	1 1/2"	5"
R-19mm	19 mm 3/4"	.825"	1 1/2"	5"
R-20.5mm	20.5 mm 13/16"	.893"	1 1/2"	6"
R-22mm	22 mm 7/8"	.875"	1 1/2"	6"
R-25mm	25.4 mm 1"	1"	1 1/2"	6"
R-200	32-45 mm 1 1/4" - 1 3/4"	2"	2"	10"
R-250	45-47 mm 1 3/4" - 2 1/4"	2.25"	2"	10"
R-300	57-70 mm 2 1/4" - 2 3/4"	3"	2"	10"
R-350	70-82 mm 2 3/4" - 3 1/4"	3.25"	2"	10"
R-400	76-89 mm 3 - 3 1/2"	4"	4"	14"
R-450	89-102 mm 3 1/2" - 4"	4.5"	4"	14"
R-500	102-114 mm 4 - 4 1/2"	5"	5"	14"

REPLACEMENTS FOR SIOUX

Regis offers a wide selection of top-quality replacements for many of the products discontinued by Sioux.

Call Toll-Free **800-527-7604** If You Have Any Questions.

Part No.	Sioux Part No.	Sioux Model No.	Description
S-710B	710B	710	Valve Tumbler Basket
S-19271	19271	710	Small Metal Tumbler Drive Gear
S-19275	19275	710	Large Fiber Tumbler Gear
S-18221	18221	710	Replacement Switch
S-14400	14400	645	Motor Belt
S-14401	14401	622-645	Chuck Belt
S-14402	14402	622-645	Drive Shaft Belt
S-14403	14403	622-645	Pump Belt
S-14467	14467	680	Chuck Belt before serial #D
S-14471	14471	680	Chuck Belt after serial #D
S-14472	14472	2001	Chuck belt to serial #1999
S-65117	65117	2075	Motor Belt
S-14473	14473	2075, 2001	Chuck Belt after serial #2001
S-18004	18004	1710-1712	Brushes (set of 2)



HARMONIC BALANCER PULLER

Floating swivel helps prevent damage to shaft end.
Four slots in yoke, use for two or three hole applications. Removes balancers; also removes steering wheels, pulleys and gears with tapped holes.

To Remove Harmonic Balancer:

1. Remove the retaining bolt from the balancer. Carefully choose the proper size bolts that fit holes in balancer.
- THIS KIT INCLUDES:**
- (3) black oxide-plated $\frac{3}{8}$ -24 x 2" fine pitch bolts
 - (3) nickel-plated $\frac{5}{16}$ -18 x 2" coarse pitch bolts
 - (3) yellow-plated M8-1.25 x 80mm metric bolts
 - (2) black oxide-plated $\frac{3}{8}$ -16 x 4" coarse pitch bolts
2. Place bolts through the slots in the puller, making sure the washer head rests on the flat side of the casting.
 3. Carefully thread the bolts into the balancer evenly.
 4. Select the flat or pointed cap, as needed, and fit over the end of the large center forcing screw. Turn forcing screw slowly until balancer is removed.

Part No. **HB-PULLER**

MISCELLANEOUS SHOP TOOLS



GENERAL PURPOSE GRINDING WHEELS

BENCH GRINDING AND GENERAL USE WHEELS

Part No.	Dia. x Width x Arbor/Grade
K-964	6" x 1/2" x 1 1/4" Medium
K-970	6" x 1/2" x 1 1/4" Fine
K-1044	6" x 3/4" x 1 1/4" Medium
K-1050	6" x 3/4" x 1 1/4" Fine
K-1099	6" x 1" x 1 1/4" Fine
K-1107	6" x 1" x 1 1/4" Medium
K-1109	6" x 1" x 1 1/4" Coarse
K-1238	7" x 1" x 1 1/4" Medium
K-2332	8" x 3/4" x 1 1/4" Medium
K-2382	8" x 1" x 1 1/4" Medium
K-2550	10" x 1" x 1 1/4" Medium

TAPPET GRINDING WHEEL, STORM-VULCAN 902

Part No.	Dia. x Width x Arbor
K-902	6" x 1 1/2" x 1 1/4" cup wheel Green Silicone Carbide, Mfg. No. 901-12-9B
K-903	6" x 1 1/2" x 1 1/4" cup wheel White Aluminum Oxide, Mfg. No. 901-12-9A

GREEN-GRIT GRINDING WHEELS FOR SHARPENING CARBIDE TOOLS

Part No.	Dia. x Width x Arbor/Grade
K-982	6" x 1/2" x 1 1/4" Fine /GC 100 grit
K-1064	6" x 3/4" x 1 1/4" Fine /GC 100 grit
K-1108	6" x 1" x 1 1/4" Fine /GC 100 grit

Bushings available to reduce 1 1/4" arbor hole (specify size) — call to inquire.

STEEL STENCILS



Item	Size/Part No.
HD SETS Heavy-duty	1/8"- HD-Figure 0-9
	3/16"- HD-Figure 0-9
	1/4"- HD-Figure 0-9
	1/8"- HD-Letter A-Z
	3/16"- HD-Letter A-Z
	1/4"- HD-Letter A-Z
LD SETS Machine-made	1/8"- LD-Figure 0-9
	3/16"- LD-Figure 0-9
	1/4"- LD-Figure 0-9
	1/8"- LD-Letter A-Z
	3/16"- LD-Letter A-Z
	1/4"- LD-Letter A-Z
HD SINGLES	1/8"- HD-Single *
	3/16"- HD-Single *
	1/4"- HD-Single *
LD SINGLES	1/8"- LD-Single *
	3/16"- LD-Single *
	1/4"- LD-Single *

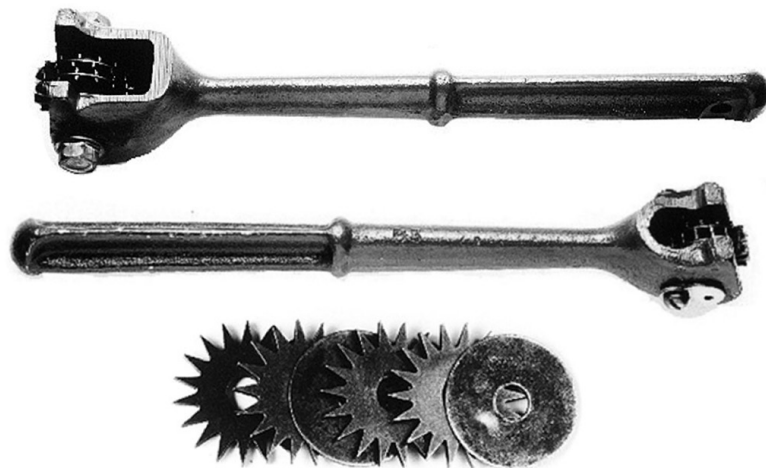
* Specify individual figure or letter when ordering.



ENGINE OILER

Prevent damage done by dry cranking or dry starts on a rebuilt engine. Use this air-powered oiler to fill crankcase or fill oil galleys. Some shops loan these out with a remanufactured engine as part of the warranty. Sold in 5 quart containers.

Part No. **EPL-1**



DESMOND-HUNTINGTON DRESSERS AND REPLACEMENT CUTTER SETS

Hooded dressers for quick action on various size wheels.

Part No.	Description	Part No.	Description
RD-0	Dresser, 1 1/4" dia. cutters	RD-1	Dresser, 1 1/2" dia. cutters
RC-0	Replacement cutters for RD-0	RC-1	Replacement cutters for RD-1

REPLACEMENT OIL GALLERY PLUGS



STANDARD THREAD PIPE PLUGS FOR DOMESTIC APPLICATIONS
(threads are Teflon-sealed)

RSP-25A ASSORTMENT PACK
25 qty. of each size below

Part No.	Size	Qty.
ST-062	1/16" x .300"	50 qty.
ST-125	1/8" x .300"	50 qty.
ST-250	1/4" x .375"	50 qty.
ST-251	1/4" x .460"	50 qty.
ST-375	3/8" x .375"	50 qty.
ST-376	3/8" x .760"	50 qty.
ST-500	1/2" x .550"	25 qty.
ST-750	3/4" x .540"	25 qty.



NON-SEALED THREADED OIL GALLERY PLUGS

ROGP-10A ASSORTMENT PACK
10 qty. of each size below

Part No.	Size	Qty.
GP-001	.234" x .640"	25 qty.
GP-002	.250" x .510"	25 qty.
GP-003	.444" x .265"	25 qty.
GP-004	.471" x .310"	25 qty.
GP-005	.508" x .310"	25 qty.
GP-007	.518" x .310"	25 qty.
GP-008	.579" x .310"	25 qty.
GP-009	.589" x .310"	25 qty.
GP-010	.629" x .310"	25 qty.

JAPANESE THREADS FOR TOYOTA & MITSUBISHI

RJPP-05A ASSORTMENT PACK
5 qty. of each size below

Part No.	Size	Qty.
TP-001	1/8" - 28	25 qty.
TP-002	1/4" - 19	25 qty.
TP-003	3/8" - 19	25 qty.
TP-004	1/2" - 14	25 qty.
TP-005	3/4" - 14	25 qty.

METRIC PIPE PLUGS
(threads are Teflon-sealed)

RMPP-05A ASSORTMENT PACK
5 qty. of each size below

Part No.	Size	Qty.
TPM-001	8mm - 1.0	25 qty.
TPM-002	10mm - 1.0	25 qty.
TPM-003	12mm - 1.5	25 qty.
TPM-004	14mm - 1.5	25 qty.
TPM-005	16mm - 1.5	25 qty.
TPM-006	18mm - 1.5	25 qty.
TPM-007	20mm - 1.5	25 qty.
TPM-008	22mm - 1.5	25 qty.
TPM-009	24mm - 1.5	25 qty.



HUMPHREY FOOT VALVE

A quality replacement (.250" orifice, 2-way or 3-way) with a guarded foot valve assembly for most glass bead cabinets and seat & guide machines. Constructed of 12 gauge steel. The actuator features a positive stop to protect valve from damage. Its four rubber feet may be removed and the holes used for permanent mounting

Part No. **K-250F**

Also available to fit Kwik-Way #018, 019 and 020 seat & guide machines that require a 4-way, 5 port orifice.

Part No. **K-250F4**

IMPACT WRENCH OIL GALLERY PLUG REMOVAL TOOL

Use your 1/2" impact wrench to drive out stubborn oil gallery plugs with ease! Hardened driver features an internal threaded adjustment screw which allows you to set bit length. Each OGR tool come with one bit.



Part No.	Description	
OGR-KIT	COMPLETE KIT Set of 5 – one of each tool, sizes listed below.	
TOOL	REPLACEMENT BIT	
Size	Part No.	Part No.
3/16"	OGR-187	OGRB-187
1/4"	OGR-250	OGRB-250
5/16"	OGR-312	OGRB-312
3/8"	OGR-375	OGRB-375
9/32"	OGR-281	Socket, no bit required.

MISCELLANEOUS SHOP TOOLS



AIR DIE GRINDER

1/4" collet type with rear exhaust. Perfect size and specs for use with many of our porting/polishing tools.

SPECIFICATIONS

Speed	22,000 rpm
Collet Size	1/4" diameter
Air Inlet Size	1/4" npt
Hose Size	3/8" I.D.
Air Pressure	90 PSI
Air Consumption	8 CFM
Length	6 1/4" long
Weight	1 1/4 lbs.

Part No. **RX-230**



UTILITY ROLLS

Remove gaskets, rust, corrosion or paint from any part of the engine. 50 yard roll in a dispenser box.

1" Wide/Grit	1 1/2" Wide/Grit	2" Wide/Grit
RUR-1/80	RUR-1 1/2/80	RUR-2/80
RUR-1/120	RUR-1 1/2/120	RUR-2/120
RUR-1/180	RUR-1 1/2/180	RUR-2/180
RUR-1/240	RUR-1 1/2/240	RUR-2/240
RUR-1/320	RUR-1 1/2/320	RUR-2/320



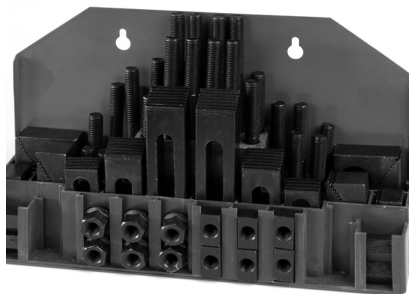
RING EXPANDER

NEW

For installing and removing piston rings without the danger of breakage or distortion. No adjustments needed, all rings expanded whether step-out or diagonal cut.

RE-204 is built on the same frame as the RE-202 but larger jaws with sliding part.

Part No.	Description
RE-202	Range 2 3/4" to 4 1/4"
RE-204	Range 4 1/2" to 7"



CLAMPING KIT AND HOLDER

5/8" T-slot size fits popular Bridgeport milling machines.

58-piece clamping kit contains:

- 6 T-slots nuts
- 6 flange nuts
- 4 coupling nuts
- 6 step blocks
- 12 step clamps
- 24 studs
(4 each of 3", 4", 5", 6", 7", 8" length)
- Metal holder

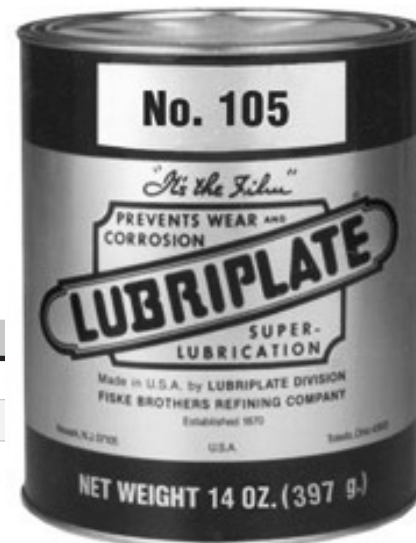
Part No. **M-7715**

LUBRIPLATE ENGINE ASSEMBLY GREASE

NEW

A smooth light-bodied grease which contains a zinc-oxide anti-wear additive made especially for motor assembly and engine rebuilding. This product prevents "Dry Start." It provides necessary lubrication during initial start up before the motor oil has circulated. Prevents damage from scuffing scoring and friction. Protects freshly machined engine parts from rust and corrosion.

Part No.	Description
EAL-10	10 oz. Plastic Tube
EAL-14	14 oz. Can
EAL-96	6 lb. Can



RING COMPRESSORS

COMPLETE KIT - Bands and pliers makes repetitive ring installation easier particularly when identical size of rings are installed at the same assembly unit. Without taking the pliers off the band on which you are working, you can operate it from either a vertical or horizontal position.



Part No.	Description
R-980	COMPLETE KIT - Size $2\frac{7}{8}$ " to $4\frac{3}{8}$ "
R-980A	Pliers Only
R-980S	Pliers with one band - Size $3\frac{3}{8}$ " to $3\frac{5}{8}$ "
PISTON RING BANDS	
R-980B	Size - $2\frac{7}{8}$ " to $3\frac{1}{8}$ "
R-980C	Size - $3\frac{1}{8}$ " to $3\frac{3}{8}$ "
R-980D	Size - $3\frac{3}{8}$ " to $3\frac{5}{8}$ "
R-980E	Size - $3\frac{5}{8}$ " to $3\frac{7}{8}$ "
R-980F	Size - $3\frac{7}{8}$ " to $4\frac{1}{8}$ "
R-980G	Size - $4\frac{1}{8}$ " to $4\frac{3}{8}$ "
STANDARD TRUCK PISTON RING BANDS	
R-980H	Size - $4\frac{1}{2}$ " to $4\frac{3}{4}$ "
R-980I	Size - $4\frac{3}{4}$ " to 5"
R-980J	Size - 5" to $5\frac{1}{4}$ "
R-980K	Size - $5\frac{1}{2}$ " to $5\frac{3}{4}$ "
R-980M	Size - $5\frac{3}{4}$ " to 6"
R-980N	Size - $5\frac{1}{4}$ " to $5\frac{1}{2}$ "

FORD FUEL PUMP ECCENTRIC KIT

FITS FORD SB & BB 255, 302, 351W, 400M, 429, & 460



Kit Includes - a Inner and Outer Eccentric, Bolt and Washer. Replacement parts sold individually. Replaces the following OEM numbers: D5AZ-6287-B & DOAZ-6287-A

Part No.	Description
FP-612	Complete Kit
FP-612A	Inner Eccentric
FP-612B	Outer Eccentric
FP-612C	Eccentric Washer
FP-612D	Eccentric Bolt

FORD SMOG PLUGS

FITS FORD V* 255, 302, 351C, 351M, 351W, 400. (5/8" -11" x 7/16" x 14"ID)



These plugs sometimes called smog or emission plugs go into cylinder heads to replace the smog pipes. Some engines take one in each head and some require two in each head. **Sold Individually**

Part No. **SP-615**

FORD & GM OIL FILTER ADAPTORS



Make	Application (Reference Only)	OE#	Part No.
Ford	302(5.0L) 351(5.7L) 1968-96	D7AZ6890A	FA-302
GM	262(4.3L) 1986-98	14081300	GM-262
GM	V6 & SB V8 w/Bypass Valve	3952301	GM-350
GM	SB GM Performance Version w/Welded Bypass Valve		GM-350

STATEMENT OF POLICY

It is the policy of Regis to cooperate with all automotive wholesalers, jobbers and engine builders as closely as possible.

ALL PRICING SUBJECT TO CHANGE WITHOUT NOTICE.

QUANTITY DISCOUNTS

ADDITIONAL 10% DISCOUNT FROM JOBBER NET PRICE ON:

- Surface grinder wheels in quantity of 2 or more wheels
- Valve seat wheels in quantity of 50 or more wheels (may be assorted)
- All other grinding wheels in quantity of 10 or more identical wheels (except crankshaft or camshaft grinding wheels)
- Crankshaft finishing/polishing belts in quantity of 100 or more (may be assorted)
- Abrasive belts for belt surfacers/ platen grinders in quantity of 5 or more belts
- Flywheel grinding wheels in quantity of 10 or more (may be assorted)

ADDITIONAL 15% DISCOUNT FROM JOBBER NET PRICE ON:

- Bronze guide sleeves in quantities of 5 or more 100 count packs (may be assorted)

NO MINIMUM ORDER

We're in business to serve your needs!

RETURNS

If you are unhappy with a Regis product, simply include a note or invoice copy detailing the reason for the return.

Returns, except on special orders, may be made freight prepaid within 60 days of invoice date. We will correct the problem immediately with another part or product or credit your account. NOTE: Merchandise that has been modified or abused and/or damaged by improper use will not be accepted. Credit will only be issued after it has been determined that the product is resellable or deemed defective. All items returned by USPS must be mailed to our P.O. Box 152900; shipments returned by UPS must be addressed to 1500 Corinth.

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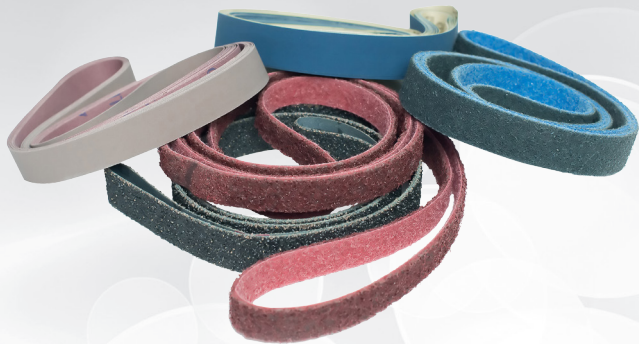
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MEASUREMENT EQUIVALENTS CHART

	DECIMAL	MM
$\frac{1}{64}$.0156	0.396
$\frac{1}{32}$.0312	0.793
$\frac{3}{64}$.0468	1.190
$\frac{1}{16}$	.0625	1.587
$\frac{5}{64}$	.0781	1.984
$\frac{3}{32}$	.0937	2.381
$\frac{7}{64}$	.1093	2.778
$\frac{1}{8}$	.125	3.175
$\frac{9}{64}$	.1406	3.571
$\frac{5}{32}$	.1562	3.968
$\frac{11}{64}$	.1718	4.365
$\frac{3}{16}$	.1875	4.762
$\frac{13}{64}$	.2031	5.159
$\frac{7}{32}$	.2187	5.556
$\frac{15}{64}$	.2343	5.953
$\frac{1}{4}$	.25	6.350
$\frac{17}{64}$	.2656	6.746
$\frac{9}{32}$	.2812	7.143
$\frac{19}{64}$	.2968	7.540
$\frac{5}{16}$	.3125	7.937
$\frac{21}{64}$	.3281	8.334
$\frac{11}{32}$	.3437	8.731
$\frac{23}{64}$	.3593	9.128
$\frac{3}{8}$	.375	9.525
$\frac{25}{64}$	.3906	9.921
$\frac{13}{32}$	.4062	10.318
$\frac{27}{64}$	.4218	10.715
$\frac{7}{16}$	.4375	11.112
$\frac{29}{64}$	.4531	11.509
$\frac{15}{32}$	.4687	11.906
$\frac{31}{64}$	.4843	12.303
$\frac{1}{2}$	.5	12.700

	DECIMAL	MM
$\frac{33}{64}$	.5156	13.096
$\frac{17}{32}$	.5312	13.493
$\frac{35}{64}$	.5468	13.890
$\frac{9}{16}$	.5625	14.287
$\frac{37}{64}$	.5781	14.684
$\frac{19}{32}$	.5937	15.081
$\frac{39}{64}$	.6093	15.478
$\frac{5}{8}$	.625	15.875
$\frac{41}{64}$	.6406	16.271
$\frac{21}{32}$	.6562	16.668
$\frac{43}{64}$	.6718	17.065
$\frac{11}{16}$	.6875	17.462
$\frac{45}{64}$	.7031	17.859
$\frac{23}{32}$	.7187	18.256
$\frac{47}{64}$	.7343	18.653
$\frac{3}{4}$	.75	19.050
$\frac{49}{64}$	.7656	19.446
$\frac{25}{32}$	.7812	19.843
$\frac{51}{64}$	.7968	20.240
$\frac{13}{16}$	.8125	20.637
$\frac{53}{64}$	.8281	21.034
$\frac{27}{32}$	.8437	21.431
$\frac{55}{64}$	.8593	21.828
$\frac{7}{8}$	.875	22.225
$\frac{57}{64}$	.8906	22.621
$\frac{29}{32}$	.9062	23.018
$\frac{59}{64}$	.9218	23.415
$\frac{15}{16}$	.9375	23.812
$\frac{61}{64}$	.9531	24.209
$\frac{31}{32}$.9687	24.606
$\frac{63}{64}$.9843	25.003
1	1.	25.400



CRANKSHAFT POLISHING BELTS

See Page 98 & 99



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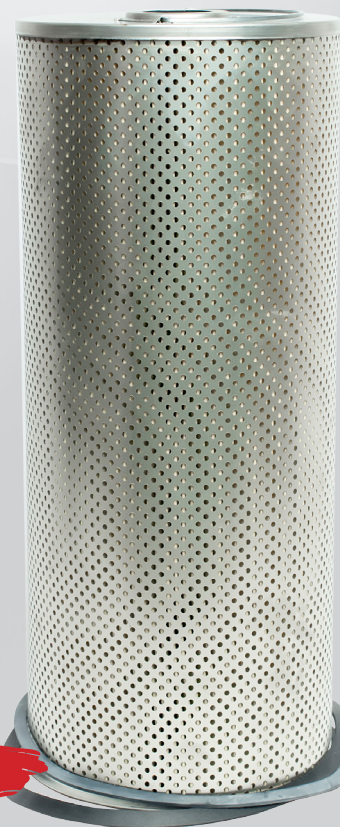
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