



Engine Reconditioning Consumables Tools

Workshop Supplies

January 2024

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Dura-Bond
Since 1947



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Flexigauge is precision manufactured plastic strip, and can be used to check the clearance of connecting rod and main bearings where there is no access to traditional measuring equipment such as micrometres.

It is available in four sizes, and is suitable for Automotive, Marine and Industrial applications. The four sizes available together can cover clearances ranging from .001" to .016", or .025mm to .406mm, sizes are as follows:

Flexigauge strips – 12" long – are packed in individual envelopes, which are marked in appropriate graduations – one side in thousandths of an inch and the other in millimetres. Ten strips in their envelopes are packed in their appropriate coloured carton.

Directions for use, which are printed on the outside of each carton for easy reference.

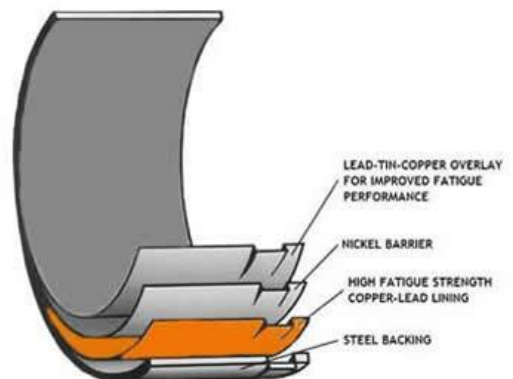
Reference	Clearance Range
AG 1 (Green Pack)	.001-003in or .025-.076mm
AR 1 (Red Pack)	.002-006in or .050- .150mm
AB 1 (Blue Pack)	.004-.009in or .10 - .23mm
AY 1 (Yellow pack)	.008 - .016in or .203 - .406mm



The unique combination of design, metallurgy and engineering come together to deliver what drivers expect from high performance Tri metal engine bearings. Designed to withstand higher RPM conditions, ACL Race Series Engine Bearings are available for many of the popular 4, 6 & 8 cylinder applications and feature:

- **High strength overlay plate** with reduced thickness for improved fatigue properties
- **Hardened steel backs** on all rod bearings to improve the support of the bearing lining and assist with bearing retention in the housing.
- **Increased crush** for improved bearing retention
- **Elimination of flash plating** on the back of the bearings to improve heat transfer through the bearings and to maximize the grip between the bearings and its housing.
- **Increased eccentricity** to compensate for bore distortion at high rpm and to assist in the formation of hydrodynamic oil films.
- **3/4 grooved Main Bearings** to optimize bearing load carrying surface area and oil flow to the conrod bearings.

- **Tight consistent wall tolerances** to help you maintain consistent clearances.
- **Enlarged ID chamfers** on bearing edges where required to accommodate large fillet radius on performance Crankshafts.





SPRING SHIMS

ENGINE PRO

- . CASE HARDENED
- . NO SERRATIONS

PACKS OF 16



O.D.	I.D.	PART # .015 THICK	PART # .030 THICK	PART # .060 THICK
1.215	.876	03-1050HP-16	03-3050HP-16	03-6050HP-16
1.246	.814	03-1060HP-16	03-3060HP-16	03-6060HP-16
1.438	.645	03-1135HP-16	03-3135HP-16	03-6135HP-16
1.500	.645	03-1153HP-16	03-3153HP-16	03-6153HP-16
1.634	.643	03-1185SHP-16	03-3185SHP-16	03-6185SHP-16



Dura-Bond
Since 1947

DURA-BOND VSI SPRING SHIMS

Refacing valves and the grinding of valve seats causes loss of metal. This loss of metal results in the loss of proper spring pressure. To restore the proper spring tension, one must replace the lost material by installing a Valve Spring Booster Shim under the spring.

ALL SHIMS COME IN PACKS OF QTY 50

Dimensions		Thickness	Thickness	Thickness
O/D	I/D	0.015	0.030	0.060
OD 0.760"	ID 0.578"	1003-HP	3003-HP	6003-HP
OD 0.796"	ID 0.515"	1005-HP	3005-HP	6005-HP
OD 0.915"	ID 0.643"	1010-HP	3010-HP	6010-HP
OD 0.960"	ID 0.515"	1012-HP	3012-HP	6012-HP
OD 0.960"	ID 0.625"	1015-HP	3015-HP	6015-HP
OD 1.000"	ID 0.688"	1020-HP	3020-HP	6020-HP
OD 1.000"	ID 0.515"	1022-HP	3022-HP	6022-HP
OD 1.002"	ID 0.766"	1025-HP	3025-HP	6025-HP
OD 1.100"	ID 0.721"	1030-HP	3030-HP	6030-HP
OD 1.124"	ID 0.721"	1040-HP	3040-HP	6040-HP
OD 1.162"	ID 0.825"		3045-HP	6045-HP
OD 1.215"	ID 0.515"	1048-HP	3048-HP	6048-HP
OD 1.215"	ID 0.876"	1050-HP	3050-HP	6048-HP
OD 1.247"	ID 0.518"	1052-HP	3052-HP	6052-HP
OD 1.250"	ID 0.625"	1055-HP	3055-HP	6055-HP



DURA-BOND VSI SPRING SHIMS

ALL SHIMS COME IN PACKS OF QTY 50

Dimensions		Thickness	Thickness	Thickness
O/D	I/D	0.015	0.030	0.060
OD 1.246"	ID 0.814"	1060-HP	3060-HP	6060-HP
OD 1.250"	ID 0.688"	1065-HP	3065-HP	6065-HP
OD 1.247"	ID 0.877"	1070-HP	3070-HP	6070-HP
OD 1.311"	ID 0.766"	1080-HP	3070-HP	6070-HP
OD 1.311"	ID 0.955"	1090-HP	3090-HP	6090-HP
OD 1.330"	ID 0.600"	1095-HP	3095-HP	6095-HP
OD 1.356"	ID 0.642"	1100-HP	3100-HP	6100-HP
OD 1.358"	ID 1.000"	1110-HP	3110-HP	6110-HP
OD 1.375"	ID 0.766"	1120-HP	3120-HP	6120-HP
OD 1.375"	ID 1.000"	1125-HP	3125-HP	6125-HP
OD 1.374"	ID 0.782"		3130-HP	6130-I-HP
OD 1.438"	ID 0.546"	1135-HP	3135-HP	6135-HP
OD 1.438"	ID 0.766"	1140-HP	3140-HP	6140-HP
OD 1.438"	ID 1.059"		3145-HP	6145-HP
OD 1.476"	ID 0.705"	1150-HP	3150-HP	6150-HP
OD 1.477"	ID 0.765"	1152-HP	3152-HP	6152-HP
OD 1.500"	ID 0.645"	1153-HP	3153-HP	6153-HP
OD 1.502"	ID 0.874"		3156-I-HP	6156-I-HP
OD 1.500"	ID 1.030"	1160-HP	3160-HP	6160-HP
OD 1.503"	ID 1.155"		3170-HP	6170-HP
OD 1.604"	ID 0.820"		3180-HP	6180-I-HP
OD 1.634"	ID 0.643"	1185-S-HP	3185-S-HP	6185-S-HP
OD 1.689"	ID 1.280"		3190-I-HP	6190-I-HP
OD 1.751"	ID 0.818"		3200-I-HP	6200-I-HP
OD 1.750"	ID 0.890"		3210-I-HP	6210-I-HP
OD 1.751"	ID 1.328"		3220-I-HP	6200-I-HP



WORK SHOP Honing Stones



FOR PORTABLE AND POWER HONES

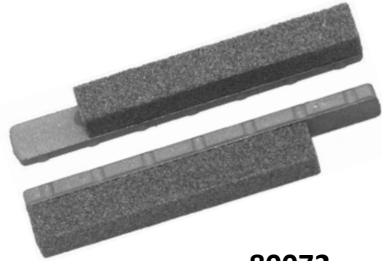
Use with Sunnen AN type hones and many other popular models, Integral style holder sets include 2 holder with stones and 2 holders with aluminium wipers Grey in colour.

BORE RANGE	APPLICATION	ROUGHING 70 GRIT	MEDIUM 150 GRIT	FINISHING 220 GRIT	FINE FINISH 280 GRIT	X-FINE FINISH 400 GRIT
2.7'-4.1'	CAST IRON	SAN 100	SAN 200	SAN 300	SAN 500	SM27J87
3.5'-5.5'	CAST IRON	SAN 101	SAN 201	SAN 301	SAN 501	SN37J87

FOR POWER HONES ONLY

Note " G " series Power Hone only stones are green in colour & last longer than the Grey stones, Use extra pressure to achieve maximum results , Integral style holder sets include 2 holder with stones and 2 holders with aluminium wipers

BORE RANGE	APPLICATION	MEDIUM 150 GRIT	FINISHING 220 GRIT	FINE FINISH 280 GRIT
2.7'-4.1'	CAST IRON	SAN 200G	SAN 300G	SAN 500G
3.5'-5.5'	CAST IRON	SAN 201G	SAN 301G	SAN 501G



80072

Honing Stones & Shoes

For Sunnen CV-616 & CK 10

STONES		
APPLICATION	SUNNEN #	PART #
Roughing	EHU-133	80072
Hard blocks	EHU-518	80073
General purpose	EHU-525	80082
finishing	EHU-625	80102
SHOES		
Wear shoes	CK3070	80981
Alignment Shoes	CK3120	80982

HONING OIL

A great economical clear honing oil for all machines and general machine shop use , Easy to tell when oil is dirty and needs changing a straight cut light viscosity general purpose honing oil with no additives.



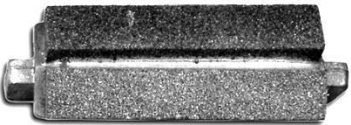
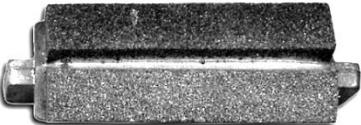
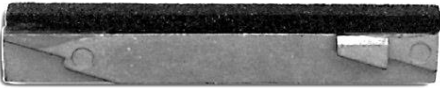



General Purpose Honing oil	85005	5 Gallons
	85055 (Indent only)	55 Gallons






80981

Honing Stones

ROD HONING STONES FOR SUNNEN

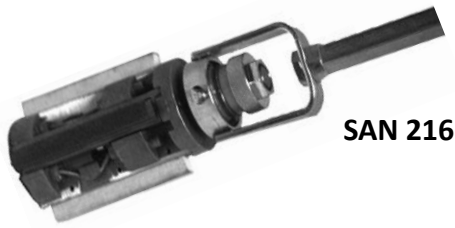
SUNNEN MANDRELS	USE	QTY	SUNNEN #	PART #
 Con-Rod CR-1450 CR-1750 Mandrel	GENERAL PURPOSE	1	CR-2	80001
	FINISHING	1	CR-4	80005
 Con-Rod CR-1900 CR4500 Mandrel	GENERAL PURPOSE	1	CR-12	80020
	FINISHING	1	CR-14	80030
 Con-Rod (pin) Sunnen KL Mandrel	ROUGHING	1	KL-5	80150
	GENERAL PURPOSE	1	KL-7	80170
	FINISHING	1	KL-13	80180
 Piston& King (pin) Sunnen ML mandrel	GENERAL PURPOSE	1	ML-7	80230
	FINISHING	1	ML-13	80240
 Con-Rod (pin) Sunnen PL Mandrel	GENERAL PURPOSE	1	PL-7	80280
	FINISHING	1	PL-13	80290
 Con-Rod (pin) SL720-SL 2300 Mandrel	ROUGHING	1	SL-5	80330
	GENERAL PURPOSE	1	SL-7	80340
	FINISHING	1	SL-13	80350

REPLACEMENT GUIDE SHOES FOR SUNNEN

SUNNEN MANDRELS	USE	QTY	SUNNEN #	PART #
	1.450-1.900	2	CR40-D	80970
	1.900-4.700	2	CR50-D	80975
	1.900-4.700	2	CR50-B	80980
	.990-1.156	2	VA-B	80990
	.994-1.125	2	UD-B	80994

"B" Suffix = Bronze

Small Engine Portable Cylinder Hone



SAN 216

1.75" to 2.75" bore 180 Grit Finishing Set Consists of 3 stones all 180 grit Sizes of stones are 1.75" to 2.20", 2.20" to 2.50" and 2.35" to 2.75"

RANGE	DRIVE SHAFT DIA	SHAFT LENGTH	PART #
1.75 – 2.75	1 / 2"	6.00 "	SAN216

Portable Air Crankshaft Polisher Part # 3144

(64" - 72" Belt Length)

Adjustable Portable Air Crankshaft Polisher will adjust to belt lengths from 64" to 72". Features a high torqued output 11,000 RPM air motor. Lightweight alloy frame (weighs only 9 lbs). Polisher is balanced for extended use. Supplied with 1" rollers, optional 2" wide rollers also available.



Part # 3144



Crankshaft Polishing Belts

Premium Crankshaft Polishing Belts

10 Per Box Aluminum oxide grain, specially treated for long life. Triple flex cotton blue backing for proper edge roll, 2 layer premium resin over resin bond. This, coupled with the correct grit selection, will provide the best possible finish

LENGTH	WIDTH	240G	320G	400G
64"	¾"	3048		3051
64"	1"			3042
72"	1"			3065

Hone Stop Assembly



4741

Features rubber collar to prevent damage to the block ½" Bushing I.D

Small Engine Cylinder Hone Stones



Stone sets fits SAN216 and consist of 2 stones and 2 wipers. Stones are 3-1/2" long

CYLINDER SIZE RANGE	280 GRIT
1.75" – 2.20"	SAN 614
2.05" – 2.50"	SAN 616
2.35" – 2.75"	SAN 618

Sky-Blue Premium Crankshaft Polishing Belts

10 Per Box. Top quality belt boasts a Sky-Blue backing that readily conforms to journal radii. Exceptionally high grade Aluminum-Oxide grains are bonded to this flexible material, along with an active lubricant which reduces grinding heat, also extending belt life.

LENGTH	WIDTH	320G	400G
64"	¾"		3366
64"	1"		3367

BRUSHES

Carbon Removal Brush

1/2" Ball, 5/16" Cable Cobalt tip
B3092



A

Hollow / Flared End Brushes

STYLE	DIA	WIRE	PART #
B	1"	.020	B3072
B	1-1.2"	020	B3083
A	1-3/4"	.0118	B3085
A	2-3/4"	.0118	B3086
B	2-3/4"	.020	B3073
B	3"	.020	B3074



B

Knotted Cup Brushes



Dia	Wire	Part #
3-1/2"	.014	B3087
4"	.020	B3051
5"	.014	B3089

Plateau Brushes

Designed to produce a finish that rivals a perfectly "broken in" engine which will minimize initial wear on piston rings.
 . Removes loose, fractured and torn fragments of metal
 . 15-20 strokes per cylinder provides a superior finish
 . As bush wears down, it can be used on smaller bores

DIA	BORE SIZE	PART #
2"	1-1/4"-1-3/4"	UFB200
2-1/2"	1-3/4"-2-1/4"	UFB250
3"	2-1/4"-3-3/4"	UFB300
3-1/2"	2-3/4"-3-1/4"	UFB350
4"	3"-3-1/2"	UFB400
4-1/2"	3-1/2" - 4.00	UFB450
5"	4"-4-1/2"	UFB500



Aluminium Crimped

Length	Duty	Wire size	Part #
3/4"	STD	.006	B3066



Non Spark Crimped

Length	Duty	Wire size	Part #
1"	STD	.010	B3121



Cast iron Crimped

Length	Duty	Wire Size	Part#
3/4"	Med/ Heavy	.020	B3080



Cast iron Knotted

Length	Duty	Wire size	Part #
3/4"	Severe	.014	B3076
3/4"	Extreme	.020	B3084
1-1/8"	Severe	.014	B3075
1-1/8"	Extreme	.020	B3082

BRUSHES

Nylon Oil Gallery Brush Kit (5 Pc.) B3049

Kit Includes:

- 3/8" X 3" X 34"
- 1/2" X 2-1/2" X 34"
- 5/8" X 3" X 34"
- 3/4" X 3" X 34"
- 3/4" X 3" X 40"



Nylon Oil Gallery Brushes & Valve Guild Brushes & Kit

Nylon 1/4 Inch Diameter	B3019
Nylon 5/16 Inch Diameter	B3020
Nylon 11/32 Inch Diameter	B3021
Nylon 3/8 Inch Diameter	B3022
Nylon 3/4 Inch Diameter	B3039
1/2" X 34" Oil Gallery Brush	B3045
Set Of 6 Brushes	B3025

B3025

Engine Cleaning Brush Kit B3049DX



10 Pc kit contains all the necessary brushes needed for a typical rebuild
Kit includes the following,

KIT CONTAINS BRUSH TYPE	PART #
3/8" X 34" Oil Gallery Brush	B3044
1/2" X 34" Oil Gallery Brush	B3045
5/8" X 34" Oil Gallery Brush	B3046
11/32" Valve Guild Brush	B3021
3/8" Valve Guild Brush	B3022
4" Cyl Wash Brush	B3202
Lifter Bore Brush	B3038
Parts Cleaning Brush	B3062
1/4" Feed hole Brush	B2951
5/16" Cam brush	B3041

Cylinder Washing Brushes

Nylon bristled brushes are designed to efficiently clean the cylinder walls after honing. Use with warm water and detergent.

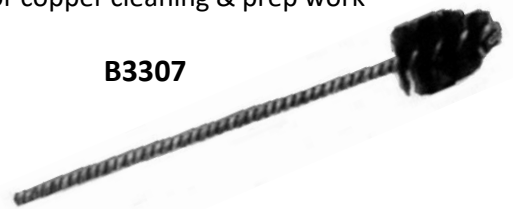
DIA	PART #
3-1/2"	B3200
4.00"	B3202
4-1/2"	B3204
5.00"	B3206



Custom Diesel Brushes

Cleaning brush for copper - Detroit Diesel
For copper cleaning & prep work

B3307



BRUSHES

Feed line & Crank Hole Brushes

FOR ENGINE PREP

Size	Length	Steel #	Nylon #
3/16" x 2"	7"	B21090	*
1/4" x 2"	10"	*	B3040

Thread Cleaning Brushes

3-1/2" brush length 6-1/2" OAL



Dia x Wire Size	Part#
7/8" x .008	B3014S
1-1/2" x .010	B3013S

Miscellaneous Parts Cleaning Brushes

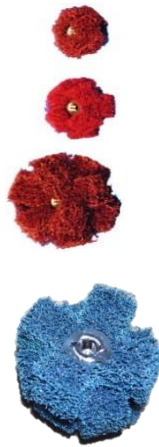
Style	Overall length	Bristle length	Part #	Description
A			B3320	Flow Thru Parts brush
B	10"	2-3/4	B3062	Nylon Parts Brush



Port & Polish Brushes

X- BUFFS (Box Of Ten)

DIA	2-PLY FINISH	PART #
3/4"	MEDIUM	2720
1"	MEDIUM	2722
1-1/2"	MEDIUM	2724
3-PLY HEAVY DUTY		
1-1/2	MEDIUM	2726
1-1/2	VERY FINE	2727



Port & Polish Kit

Master Kit 56 pc 2587DX
With Case



Port Brushes

4" X 1/4 INCH	B3093
4" X 3/8 INCH	B3094



Tight Area End Brushes



6" X 1/4" B3090

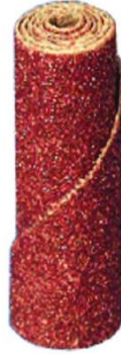
6" X 3/8" B3091

CARTRIDGE ROLLS

Straight Cartridge Rolls

1/8" hole Box of 50

Dia / Length	Grit	Part #
¼" x 1-1/2"	40	2602
¼" x 1-1/2"	80	2606
¼" x 1-1/2"	120	2607
3/8" x 1-1/2"	40	2613
3/8" X 1-1/2"	60	2614
3/8" X 1-1/2"	80	2615
3/8" X 1-1/2"	120	2616
½" X 1-1/2"	60	2619
3/4 " X 1-1/2"	40	2678
3 / 4 " X 1-1/2"	80	2679



Full Taper Spiral Cartridge Rolls

1/8" hole Box of 50

Dia / Length	Grit	Part #
3/8" x 1-1/2"	120	2736
½" X 1-1/2"	80	2589
5/8" X 1"	80	2688
5/8" X 1-1/2"	40	2685
5/8" X 1-1/2"	80	2685



Mandrels ¼" Shank

For 1/8" Hole Cartridge Rolls

Use on	OAL	PILOT LENGTH	PART #
1" Roll	6"	¾"	2751L
1" roll	2-1/2"	¾"	2751
1-1/2" roll	6"	1"	2713L
1-1/2" roll	2-3/4"	1"	2713
2" roll	3-1/4"	1-1/2"	2712



Half Taper Spiral Cartridge Rolls

1/8" hole Box of 50

Dia / Length	Grit	Part #
3/8" X 1"	80	2683
3/8" X 1-1/2"	40	2741
3/8" X 1-1/2"	80	2742
3/8" X 1-1/2"	120	2743
½" X 1-1/2"	80	2746
5/8" X 1-1/2"	40	2747
5/8" X 1-1/2"	80	2684



Mounted Flap Wheel

1" Abrasive Length
Straight shank

Dia	Grit	Part #
1"	120	2592
1-1/2"	80	2663

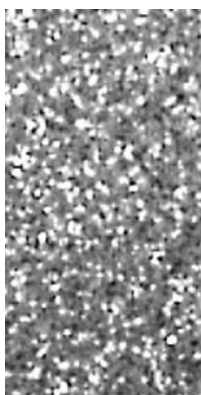
Mounted Flap Wheel

1" Abrasive Length
1/4"-20 Threaded Shank.

Dia	Grit	Part #
1"	120	2748



CLEANING PRODUCTS



Glass beads

For all metals, leaves a clean surface. 50 lb. pail of Glass Bead cleaning media, SAE - Standard, #60-140 Screen.

7017

Glass bead gun

Large Machine Style Glass Bead Gun fits most large glass bead machines: Zero, Empire, Winona V.N., Blast-It-All, etc.

GB200



GLASS BEAD GUN REPAIR KIT # GB230

GLASS BEAD GUN NOZZLE # GB229

GLASS BEAD GLOVES

NEW, IMPROVED !

PORT HOLE DIAMETER	PORT HOLE CIRCUM.	OVERALL LENGTH	PKG. DESCRIPTION	PART #
6"	19"	23"	PAIR	4779
7"	22"	26"	PAIR	4781
7"	22"	30"	PAIR	4782S
8"	25"	26"	PAIR	4783
8"	25"	30"	PAIR / EXTRA LEFT	4711
9"	28"	30	PAIR	4784
10"	25"	30"	PAIR	4786
13"	41"	30"	PAIR	4789



Fully embossed / Rough hand, textured to provide a firm grip while cleaning parts. Gloves are cotton lined, finely tailored, with finished seamed cuffs, and designed to fit the following cabinets:

ABS, Aero, Clean-Peen, Econoline, Empire, Goff, Kelco, K.I., Median Blast, Pauli & Griffin, Snap-On, Trinco, Universal, Winona V.N., Zero, and others.

PROTECTIVE APRONS



28"W x 36"L Cotton Denim Apron. 100% heavy duty cotton denim with three 30"L grommet ties at neck and waist. Machine washable. Bib pocket at chest includes pencil sleeve. Hip pockets are roomy; ideal for small accessories.

4715

35"W x 45"L PVC/Nylon Apron. The ultimate in heavy duty protection. The ideal apron for the engine builder. Apron is puncture, acid, and caustic resistant.

4714N



CLEANING PRODUCTS

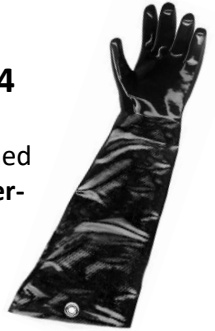
Hot tank Gloves 4700

Pair of Hot Tank Gloves. Alkaline and oil resistant, lined for heat protection, **mid-forearm gaunt style**. Neoprene coated.



Hot tank Gloves 4704

Pair of Hot Tank Gloves. Alkaline and oil resistant, lined for heat protection, **shoulder-length style**. Neoprene coated.



1 Piece basket 4739

9" Diameter x 8-1/4" Long basket. A light weight steel all galvanized basket which is impervious to solvents. **Not for use with strong alkaline or caustic cleaners**. Comes complete with clips, lid, and handle.



Head & Crankshaft Bags

Measures 10" x 8" x 36" To fit most cylinder heads and crank shafts, Clear Virgin Poly Plastic 3 mil Thick With imprint area for you to mark part # Roll of 100

4587



Engine Plastic Bags 4588

Roll Of 100 Bags : Bag Size 30" X 10" X 50" Clear Virgin poly plastic material 3mm thick, with imprint area for marking.

2 Piece basket 4738

9" Diameter x 16" Long basket. A light weight steel all galvanized basket which is impervious to solvents. **Not for use with strong alkaline or caustic cleaners**. Although it has two halves for easy filling, it assembles quickly into a 9" Diameter x 16" long enclosed basket.



2 Piece basket 4738M

4-1/4" Diameter x 6-3/4" Long Medium Cleaning Basket. Durable wire mesh basket with snap lock lid.



4736



4736 Keeper Cleaner holder

Clean keepers and small parts in dip cans and parts cleaners. 1/4" holes in top and bottom allows solvent to clean parts. Made of PVC, impervious to solvents.

ENGINE TOOLS

84000

H.D. Cylinder Ridge Reamer

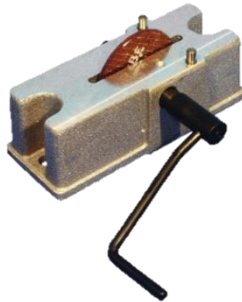
Tungsten carbide cutters remove ridges from top of cylinders. A must before replacing piston rings. For use on 3" - 5" (77mm - 127mm) cylinder diameters. Smooth cutting is assured by fine thread feeding. Changing from one cylinder to another without readjusting is easy with the three position spring loaded cutter.



4297

Manual Piston Ring Filer

Manual piston ring filer enables you to assure proper piston ring end gap! Position piston ring against dowel pins and crank handle to turn filing wheel. Grind and check gap with feeler gauge to meet OE specifications.



4297A

Replacement 120 Grit Grinding Wheel



4213A

9 Band Ring Compressor Kit

Ring Compressor Kit includes everything you need to allow a very fine adjustment of the band.

Kit includes 9 bands covering from 2-1/8" to 4-3/8" plus pliers



Part # 100-9942

ARP Billet Style Stretch Bolt Gauge



4300M
Metric Dowel Puller Kit
(9 Pc. Kit)



SSH8

Dead Blow Piston Installation Hammer

For Piston Installation. No marks, no sparks, complete protection and safety. Inner core is heat treated steel welded together and filled with just the right amount of steel shot for a sustained impact. The outer shell is made of trucothane (custom formulated urethane) which eliminates mushrooming and is cut resistant. Handle is textured and flanged for a sure grip.

A tool you'll have for years !

Shop Grade Ring Compressors

Compressor band takes all rings at once. Self-locking ratchet pawl prevents early release.

Description	Part #
2-1/8" to 5"	4206
3-1/2" to 7"	4207
3-1/2 " to 7" Truck & Tractor	4208



360 Degree Polished Aluminium Universal Head Holder

Part # 4271

Professional Grade Polished Aluminium Head Holder can be used with import and domestic heads. Stand allows heads to be rotated 360 Degrees. Slip resistant neoprene coated rails hold head in position and provide protection. Use with cams and cranks while measuring or magnafluxing. Can be mounted for increased stability



ENGINE TOOLS

Valve Lapping Tools



Part # VLS001

The H.D. Power-Grip Valve Lapping Tool includes a Spring Loaded Plunger that accepts 3 sizes of suction cup 3/4" 1" 1 1/4"

Part # 4481

1-1/8" & 1-3/8" Cups, Made of Thick Hardwood, Medium-style Valve Lapping Tool



Part # 2449 1.250 SUPER SCRAPER

Precision ground, doubled edged carbide blade
Nickel chrome plated 1/8" steel shank

Valve Spring Compressors

Part # 4260N

Premium Air Operated Valve Spring Compressor



New fast operating shop grade air powered valve spring compressor handles most types of valves springs including racing springs dual stage pneumatic controls operate the adjustable length ram optional spring shoes rebuild kit are available upon request.

Includes:

Small straight jaws for 7/8" to 1 7/8" diameters
Medium offset jaws for 1" to 2" diameters

Part # 4275

Overhead Valve Spring Compressor

The new sleek design fits more applications than other valve spring compressors on the market !

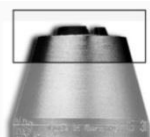


Part # 4362 Adjustable HD Screw-In Stud Remover



Removes studs up to 1/2". Remove or install right and left-hand studs with ease - 1/2" square drive for hand tools or pneumatic impact tools. Flush mount jaws and tapered outer body lets you get between studs with as little as 3/4" clearance. Precision machined and hardened jaws for long life, no extra parts that are prone to breakage with repeated use.

Part # 4362J Repl. Jaw Set for Screw-In Stud Remover



Part # 4608 Universal Valve Stem Seal Removal Pliers



Remove seals on most OHC engines, including 4-valve cylinder heads that have a very narrow access to the seal. Pliers reach around valve stem for easy removal. Serrated tip removes OE or aftermarket seals.

ENGINE TOOLS

Chamfering Cone and Mandrel

Aluminum Oxide (60 Grit) 45 Degree Chamfering Cone. Use with 45 Degree Chamfering Cone Mandrel. Use to chamfer rough edges on cylinder after boring. Allows easier installation of pistons. Helps prevent piston ring damage. Use with portable drill.

A49
Chamfering Cone



A50
Chamfering Cone Mandrel
5" Base x 1" top
1/2" shank



Fluorescent Magnetic Powder (1 Lb.)

11231



Tube Grip Dispensing Tool

The Tube Grip provides a mechanical advantage which offers several important benefit compared to squeezing a tube b hand. Creates 10 times more pressure. Squeezes 35% more material out of the tube for a total of 96%. Eliminates most clean-up. Increases precision in application.

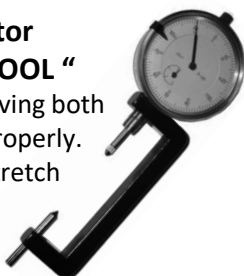


V200

Rod Bolt Stretch Indicator " A MUST HAVE TOOL "

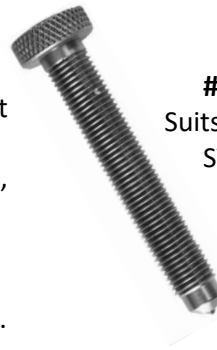
Unit holds itself in place leaving both hands free to torque bolt properly. Instructions and Rod Bolt Stretch recommendations included

KK714



Diamond Dresser

7/16" x 3", 7/16"-20NF Thread, 3/4" Screw Head Diamond Dresser. Silver Seal offers a great selection of diamond dressers to fit your machine. All diamonds are thoroughly inspected to meet our quality control standards, insuring a high caliber diamond dresser at a competitive price.



Ford Fuel Pump Eccentric Kit



6557

Ford Fuel Pump Eccentric Kit
SB & BB

255/302/351M/351W/400M/429/460

80697

Suits Kwik-Way
SV CV VS

See Page 113 Of The
Silver Seal Cat For More
Applications

Flywheel Grinding Coolant

1 Quart of Flywheel Grinding Coolant. A concentrated synthetic blend formulated for use in all types of flywheel grinders. Nitrite-free. Also works well as a rust inhibitor that provides up to 30 days indoor storage "Rust Protection" at a concentration as low as 3%. Recommended Dilution Ratio - 30:1 Mix Concentrate to Water. 1 Quart makes 7.5 Gallons. **# 4504**



Original Magne test Powder (Yellow, 1 Lb.)

1 Lb. Yellow Magne test Iron Performance Powder is manufactured and blended right in our own facility for the highest quality crack detection powder available on the market today.



10019

Can't See What You Need ?
Please Refer To The Silver Seal Catalog
For More Shop Tools And Workshop
Supplies

HYLOMAR®



Hylomar® M

The original and genuine non-setting gasket and jointing compound specified by OEM's around the world.

Manufactured under licence from Rolls-Royce
Dichloromethane free

Wide operating temperature range (-50 to +250°C)

Fuel resistant

Pack sizes –

40ml tube (blister card) HYL40 ,

80ml tube (carton) HYL80 ,

200ml aerosol HYL200 ,

250ml brush-top tin HYL250 .

PL32 AEROGRADE

The original non-setting gasket & jointing compound approved by Rolls-Royce and NATO. 100gm Tube

Part # HYL 100



Hylo®Clean

HYLO®CLEAN is a specially blended cleaning fluid that is highly effective at removing used Hylomar jointing compound from disassembled joint surfaces. The unique mix of solvents also make it perfect for cleaning and degreasing surfaces prior to use with any of Hylomar's range of adhesives and sealants. HYLO®CLEAN is also very effective at removing uncured anaerobic, uncured silicone and uncured epoxy products.

HYLO®CLEAN can be used for:

Removing Hylomar M, Hylomar Universal Blue, Hylomar AF and Hylomar Aerograde, uncured HYLO®GRIP anaerobic products, uncured

HYLO®BOND epoxy and acrylic adhesives and Hylotype® Red

Degreasing metal components – will remove most oils, lubricating fluids, metal cuttings and dirt from any metal surface

HYLO®CLEAN does not leave a residue and evaporates quickly after application

Pack sizes – 400ml aerosol

PART NUMBER # HYLOCLEAN



Hylotype® Red 100

Hylotype® Red 100 is a synthetic, semi-hardening jointing compound that has excellent gap filling properties. The product is resistant to a wide range of fluids, especially water (including salt water and steam), anti-freeze, and synthetic oils.

Highly resistant to steam and hot water

Based on new synthetic polymer technology

Forms an instant seal

Heat activated curing system

Excellent resistance to automotive fluids

Improved gap filling – useable on rough machined and pitted surfaces

Inhibits galvanic corrosion between dissimilar metals

Methylene chloride free

Pack sizes – 40ml tube (blister card) & 80ml tube (carton)

40ml Tube Part # HYL40R

80ml tube Part # HYL80R



Cylinder Head Dowell Kit

Part # CHDK

Head Dowel Kits now available.
Tired of looking for missing dowels?
This kit has just about every head dowel you will need!



Valve Seat Insert Installation Kit

Part # ITK1000

Premier's valve seat insert installation kit is just what you need for quick easy installation of valve seats. All parts are made from quality heat treated tool steel designed to take impact from the hardest of seats. Simply choose the correct pilot for the valve guide to give correct alignment. Then choose the correct dolly to match the valve seat (4 double sided dolly's giving 8 options). Connect pilot and dolly to the handle and your ready to go. All parts fit neatly into Premier's tough steel powder coated kit box



Valve Stem Install Kit

Part # VSSIK

Premier's valve stem seal installation kit is a must for every head repair workshop. Kit includes 8 handles and 11 pilots with a combination to match every size valve stem seal for easy installation. Handle selection will depend on the outside diameter of the seal (each handle has a different sized recessed hole at one end) and pilot selection will depend on inside diameter of seal. Simply screw the pilot into the recessed hole in handle and your ready to go.

Each handle has a replaceable nylon end to prevent damage.
The complete kit fits neatly into Premier's metal powder coated box.

Also Available

Premier Valve Guides
Welch Plugs
Valve seat Inserts
Sump Plugs
Sump Plug Washers
KV Parts



Sump Plug Kits , Sump Plug Washer Kits & Pipe Plug Kits



PSPK1



PSPK2



PSPK3



PSPK4



PSPK5

SUMP PLUG KIT	KIT CONTENTS
PSPK1	Sump plug & Washer kit (standard)
PSPK2	Sump plug & washer kit (oversize)
PSPK3	Sump plug kit (standard- guide point - nylon washers)
PSPK4	Sump plug kit (oversize – piggy back)
PSPK5	Sump plug kit (standard magnetic)

Please note that all sump plugs are available singly and all washers in packs of ten.

For more detailed listings please refer to Sump Plug Catalogue.
Please ask our staff for your copy

WASHER KIT	KIT CONTENTS
PWK1	Washer kit (Various)
PWK2	Washer kit (Nylon - fibre)
PWK3	Washer Kit (aluminium - nylon)
PWK4	Washer kit (Fibre - Crush)
PWK5	Washer kit (Various)

PIPE PLUG KITS



PPSK 1
 Pipe Plug Kit Imperial - 55 Pipe Plugs 1/16" To 3/4"

PPSK 3
 Pipe Plug Kit Metric - 45 Pipe Plugs M8 To M24

***For a Full list of our individual sizes
 Please ask our staff for a Brochure***

Welch Plugs And Kits



Nason Engine Parts Stock A Large Range Of Welch Plugs In Brass , Steel And Stainless Steel

Our Cup And Dome Welch Plugs Are Available In Packs Of Ten

In Imperial And Metric Sizes

Our Range Start As Small As 11/16" Up To 2-9/64"
8mm Up To 67mm

As Well As Packet's Of Welch Plugs Nason Engine Parts Have A Large Range Of Complete Kits

Our Engine Kits Have Been Updated As Well As Over 30 New Kits That Have Been Added To Our Extensive Range

Suiting the Most Popular Engine's, So You Will Never Be Caught Short.

For A Full List Of Sizes And Kits That Are Available, Please Speak To Our Staff For Your Copy.



SINGLE CAMSHAFT WELSH PLUGS ONE PER PACK

PART #	SUITS
CSP1001	CHEV V8 B/B
CSP1000	CHEV V8 S/B
CSP1004	CHRYSLER BB 6CYL
CSP1012	CHRYSLER HEMI
CSP1002	CHRYSLER V8
CSP1003	CHRYSLER V8
CSP1007	FORD B/B

PART #	SUITS
CSP1005	FORD CLEVELAND
CSP1008	FORD FE B/B
CSP1006	FORD WINDSOR
CSP1010	HOLDEN 6 CYL
CSP1011	HOLDEN 6CYL GREY
CSP1009	HOLDEN V8



Stretch Belt Fitting Tools

For use on Belt 4PK805SF

91031



Subaru Forester S3 2.5L 4 Cyl EJ25 Include Turbo 2008-On
 Subaru Forester SH 2.5L 4 Cyl EJ255 193kw 16v DOHC 2011-On
 Subaru Forester SH 2.5L 4 Cyl EJ255 169kw 16v DOHC Turbo 2008-13
 Subaru Impreza G3 2.0L 4 Cyl EJ25 DOHC 2007-On
 Subaru Impreza G3 2.5L 4 Cyl EJ25 DOHC Turbo 2007-On
 Subaru Impreza 2.0L 4 Cyl EJ204 110kw 16v DOHC 2007-11
 Subaru Impreza WRX 2.5L 4 Cyl EJ255 169kw 16v DOHC VVT 2007-On
 Subaru Impreza WRX 2.5L 4 Cyl EJ257 221kw 16v DOHC VVT Turbo 2008-14
 Subaru Outback 5Th Gen 2.5L 4 Cyl EJ25 DOHC 2009-On

SFT001

For Belts 6PK1090SF 4PK0917SF 5PK0705SF 5PK0716SF 5PK692SF

Citroen C4 1.6L 4 Cyl 16v DOHC Turbo Diesel DV6ATED4 2005-07
 Fiat Stilo 1.6L 4 Cyl 16v DOHC EFI 182B6000 2002-04
 Ford Focus LS 2.0L 4 Cyl 16v DOHC MPFI 2.0 2006-07
 Ford Focus LS 2.0L 4 Cyl 16v DOHC EFI GCD 2005-07
 Ford Focus LT 2.0L 4 Cyl 16v DOHC EFI AOD 2007-09
 Ford Focus LT 2.0L 4 Cyl 16v DOHC EFI CJB 2005-09
 Mazda 3 2.0L 4 Cyl 16v DOHC EFI LFDE 2003-07
 Peugeot 307 1.6L 4 Cyl 16v DOHC Turbo Diesel DV6TED4 2001-08



SFT002

For Belt 6PK1019SF

Ford Fiesta WP 1.6L 4 Cyl 16v DOHC EFI FYJ 2004-07 Alt W/AC
 Ford Fiesta WS WT 1.6L 4 Cyl HXJA 16V DOHC 2009-On
 Ford Focus LR 1.6L 4 Cyl 16v DOHC EFI FYJ 2000-05 Alt W/AC



SFT003

For Belt 5PK692SF

Ford Fiesta WP 1.6L 4 Cyl 16v DOHC EFI FYJ 2004-07
 Ford Focus LR 1.6L 4 Cyl 16v DOHC EFI FYJ 2000-05



STRETCH BELT FITTING TOOL'S



**Part #
OPTI-MTA**



FOR THE SAFE AND PROFESSIONAL INSTALLATION OF ELASTIC EPK RIBBED BELTS

The next evolution in modern drive belting has now reached the garages: elastic belting that does not require any tensioning device. These belts are available to the free market under the name of Optibelt EPK ribbed belts. It is essential to mount the ancillary unit belts safely on the belt pulleys – with ease and without damage – in order to avoid a damaging of the sensitive tensile reinforcement. If it were damaged, the belt would not be capable of maintaining the tension permanently. In this case, a troublesome and cost incurring premature belt failure would be due. With the Optibelt MT-A, you are provided with a universal tool which can actually replace a multitude of expensive specialised tools of vehicle manufacturers. The high quality tool is characterised by its resilient material and easy handling. Thus, belts can be mounted quickly and in a professional way. Everything you need besides the Optibelt MT-A is an Optibelt EPK ribbed belt and a screw or socket wrench that helps you turn the drive pulley manually. The Optibelt MT-A comes in a sturdy plastic box including instructions and a tool for the demounting of the belts. Due to its specialised operating mode, the tool is applicable for various types of vehicles and is therefore designed for long-term use. We recommend the acquisition of the Optibelt MT-A for every garage that wants and needs to be prepared for the new generation of belting and its special requirements for mounting.

FOR THE SAFE AND PROFESSIONAL

INSTALLATION OF ELASTIC V RIBBED BELTS

It is essential that elastic V-ribbed belts are fitted to belt pulleys safely and without damaging them. Damaging or overstretching the sensitive tensile reinforcement must be prevented at all costs. The Optibelt MT-A II mounting tool enables the generator belt to be changed easily and professionally. The special tool for certain Ford and Volvo engines is needed since the belt slips off the water pump pulley when the MT-A tool is used. The MT-A tool is required for the second belt that drives either the servo pump or the air conditioning compressor, depending on the vehicle. The MT-A II comes in a sturdy plastic box with instructions for easy handling.



**Part #
OPTI-MTA 11**

FAMOUS TOLEDO

EXCELLENCE BY DESIGN



304723 **Diesel**
TIMING TOOL KIT
 Suitable for 2.0L Z20S1 SOHC
 16V turbo diesel engine
 applications



304709 **Petrol** **Diesel**
TIMING TOOL KIT
 Suitable for popular 1.4L to 6.0L (4,6,V6,V8 &
 V12) Petrol and 2.1L to 3.2L (4,5,6 & v6)
 diesel engine applications

HOLDEN		304723
CAPTIVE	2.0L(Z20S1)	2007-2012
CRUZE	2.0L(Z20S1)	2009-2013
EPICA	2.0L(Z20S1)	2008-2011

MERCEDES		304709
A Class	1.4L-2.0L	1999-2010
B Series	1.7L-2.0L	2005-2012
C Class	1.8L-5.5L	2001-2012
E Class	1.8L-5.5L	2000-2012
ML Class	2.7L-5.5L	2000-2012
R Class	3.5L-5.5L	2006-2012
S Class	1.8L-6.0L	2004-2012
Sprinter	2.1L-2.7L	2000-2012
Viano	2.2L	2005-2011
Vito	2.1L-2.2L	1999-2012



304710 **Petrol**
TIMING TOOL KIT
 Suitable for 1.8L Z18XER
 DOHC 16V petrol engine
 applications
 . For the locking &
 alignment of the camshafts ,
 crankshafts & tensioner
 during the removal &
 installation of the engine
 timing belt & other engine
 servicing & repairs.

HOLDEN		304710
Astra	1.8L (Z18XER)	2007-2010
Viva	1.8L (X18XE)	2005-2010

304732 **Petrol** **MOST POPULAR**
CAMSHAFT ALIGNMENT TOOL
 Suitable for 3.6L (V6) DOHC 24V Petrol engine applications
 For Locking of the camshafts during engine servicing and
 repairs.

NOTE: Not suitable for SIDI engines

304732



HOLDEN		304732
Captiva (CG)	3.2 (LU1)	2006-2011
Commodore (VZ,VE)	3.6(LEO,LY7)	2004-2009
Rodeo (RA)	3.6L	2005- 2008
Statesman	3.6 (LY7)	2004-2009

FAMOUS TOLEDO EXCELLENCE BY DESIGN



304725  
TIMING TOOL KIT
 Suitable for popular 1.4L – 2.0L petrol & diesel application



304730 
TIMING TOOL KIT
 Suitable for popular 1.5L – 2.5L DOHC 16V petrol application

AUDI		304725
A3	1.6L	1997 – 2003
A3 (Diesel)	2.0L (BMN)	2006 – 2007
VOLKSWAGEN		
Beetle, Bora, Caddy, Golf , Passat	1.6L- 2.0L	1998 – 2012
Caddy , EOS , Golf, Jetta , Passat , Polo (Diesel)	1.4L- 2.0L	2004-2012
Transporter	2.0L (AAC)	1992 - 2004

FORD		304730
Fiesta (WQ)	2.0L	2007-2008
Focus (LR LV)	1.8L-2.0L	2002-2011
Mondeo(HA-HE)	2.0L	1995-2007
Mondeo (MA-MC)	2.3L	2007-2012
MAZDA		
CX-7	2.5L	2009-2012
Mazda 2 (DE)	1.5L	2007-2012
Mazda 3	2.0L-2.5L	2004-2012
Mazda 6	2.0L,2.3L 2.5L	2002-2012
Tribute	2.3L	2004-2008



304743 
TIMING TOOL KIT
 Suitable for 3.0L and 3.6L V6 SIDI DOHC 24V engines
 For locking of the Camshafts during engine servicing and repairs .

NOTE: Suitable for SIDI engines

HOLDEN		304743
Captiva (CG)	3.2 (LF1)	2011-2012
Commodore (VE)	3.0 (LF1)	2009-2012
Commodore (VE)	3.6L (LLT)	2009-2012
Statesman (WM)	3.6 (LLT)	2009-2012

TOLEDO do a extensive range of timing tools consisting of uniquely designed engine timing and locking tool kits required for the servicing & repairs of modern passenger vehicle engines for the Australian and NEW ZEALAND Vehicle car market. Each kit has been designed to provide maximum market coverage for petrol & or diesel applications in the servicing of timing belts, timing chains, gears & other engine repairs.

The range has been developed for use within original manufacturers service specifications. As the timing tool kit must be compatible with the vehicle application, Always refer to the manufacturers service notes or bulletins to ensure correct servicing instructions.

Note: Incorrect tool use during repairs can lead to serious engine damage. TOLEDO recommends that repairs be carried out by a trained professional.

**PLEASE REFER TO TOLEDO CATALOGUE FOR FURTHER
DETAILS ON THEIR FULL RANGE OF KITS
OR ASK OUR NASON STAFF**

FLEX HONES

All flex-hones tools produce a conditioned surface finish. These unique hones use a low temperature low pressure abrading system that produces a clean, long wearing surface. Designed to create a crosshatched surface pattern for oil retention. The silicone carbide hones are attached to flexible nylon stems that allow the hones to float, thereby assuring self alignment to bore. They produce a soft cutting action. Use with 10-30wt. Motor oil or honing oil (applied sparingly to bore wall) Operate hone for 10-45 Seconds. Repeat until desired surface finish is achieved.

Flex-Hones are supplied in silicone carbide as standard.

SILICONE CARBIDE FLEX HONE

FOR FINISHING

*Low carbon steel
Stainless steel / Cast iron
Aluminium / Bronze*

ALUMINIUM-OXIDE FLEX HONE

FOR FINISHING

*Aluminium / Brass
Bronze / Copper*

Valve Guide

240 GRIT

Aluminum Oxide

For **NICASIL**

SIZE	MM	OAL	PART #
2.1/4"	57.2	8"	4101NC
2.1/2"	63.5	8"	4103NC
3"	76.2	8"	4106NC

HONE SIZE	SIZE METRIC	PART #
13/64"	5MM	4173
1/4"	6.35MM	4160
9/32"	7MM	4161
5/16"	8MM	4162
11/32"	9MM	4163
3/8"	10 MM	4164
7/16"	11 MM	4165

Lifter bore

180 GRIT

HONE SIZE	SIZE METRIC	PART #
5/8"	16MM	4121
3/4"	19MM	4123
7/8"	22MM	4124
1"	25.4MM	4125
1-1/8"	29MM	4126
1-1/2"	38.1MM	4176

JOURNAL BORE FLEX-HONES

Journal Bore Flex-Hone for Cam Bearings
(ORDER HONE ONE SIZE LARGER THAN BORE SIZE).

These specially designed hones allow you to deburr and remove material using a low temperature abrading process. This provides a superb journal surface for both bearing insert or aluminium journal. Just the right finishing touch for a free running cam shaft.

Cam Bearing Flex-Hones include a threaded pipe nipple adaptor for an extension Rod which allows you to reach each journal within the entire length of the cylinder head and engine block.

Cam Bearing

180 GRIT

Hone Size	Metric Size	Part #
2"	51MM	4155
2-1/4"	57MM	4156
2-1/2"	64MM	4157

Part # 4159

18" Extension Rod For Use With All Cam Bearing Flex Hones

O.H.C Cam

Journal Bore

180 Grit New Material For OHC Bearings Or Aluminium Heads

Hone Size	Metric Size	Part #
1-1/8"	29MM	QBH100
1-1/4"	32MM	QBH101
1-3/8"	35MM	QBH102
1-1/2"	38MM	QBH103
1-5/8"	41MM	QBH104
1-3/4"	45MM	QBH105

FLEX HONES

Small Engine Cylinders

Standard Duty 8" Long

Honing oil

A great economical clear honing oil for all machines and general machine shop use, Easy to tell when oil is dirty and needs changing a straight cut light viscosity general purpose honing oil with no additives.



General Purpose **85005** 5 Gallons
 Honing oil **85055** 55 Gallons
 (*Indent only*)

HONE SIZE	SIZE METRIC	180 GRIT	240 GRIT	600 GRIT
1"	25.4MM	4125		
1-3/4"	44.45MM	4132	4132240	
2"	51MM	4100	4100240	
2-1/4"	57MM	4101	4101240	4101600
2-1/2"	64MM	4102	4102240	4102600
2-3/4"	70mm		4103240	
3"	76MM	4104		

Block Cylinders

Standard Duty 13-1/2" long



HONE SIZE	SIZE METRIC	BORE RANGE	120 GRIT PART #	240 GRIT PART #	320 GRIT PART #
3-1/4"	83MM	3.00"- 3.125"			4105320
3-1/2"	89MM	3.125"- 3.50"	4106	4106240	4106320
3-3/4"	95MM	3.50"- 3.750"	4107		4107320
4-1/8"	105MM	3.750"- 4.125"	4108		4108320
4-5/8"	116MM	4.125"- 4.625"	4109		4109320

Block Cylinders & Liners

Heavy Duty

HONE SIZE	SIZE METRIC	BORE RANGE	120 GRIT PART #	240 GRIT PART #
3-1/2"	89MM	3.00"-3.50"	4112	
3-3/4"	95MM	3.25"-3.75"		4178240
4"	101MM	3.50"-4.00"		4113240
4-1/4"	108MM	3.75"-4.25"		4172240
4-1/2"	114MM	4.00"-4.50"	4114	4114240
5"	127MM	4.50"-5.00"		4115240
5-1/2"	140MM	5.00"-5.50'		
6"	152MM	5.50"-6.00"		4117240
6-1/2"	165MM	6.00"-6.50"		
7"	178MM	6.50"-7.00"		
7-1/2"	190MM	7.00-7.560"	4177	4177320 *

13-1/2" Long
 (Hone size 3"- 4.1/2")
 17-1/2" Long
 (Hone size 5"- 7.1/2")



* 320 GRIT

PAINTS AND CHEMICALS



VHT Brake, Caliper, Drum and Rotor Paint

has been specifically designed for the custom detailing of brake components.

It is heat resistant to 900°F (482°C) and will not chip, crack, fade or rust even under extremes of operation or road and weather conditions. It is easy to apply, dries quickly, and is remarkably resistant. Careful preparation is essential. Brake fluids are often very difficult to remove; VHT Caliper Cleaner (SP700) is ideal for this task.

Colours available:

SP700	Cleaner	SP733	Real Orange	SP736	Gold
SP730	Clear	SP734	Gloss Black	SP738	Bright Yellow
SP731	Racing Red	SP735	Cast Aluminium	SP739	Satin Black
SP732	Bright Blue				



VHT Wheel Paint provides a great finish and real protection for all standard and custom wheels. Even on highways, wheels take a beating. Salt, sand, brake dust and rocks severely damage the appearance and protection of the wheel surface. This unique product resists chipping, cracking and fading, while protecting the wheel surface from oxidation, and is available in six popular colours plus clear coat.

Colours available:

SP181	Aluminium	SP184	Clear Coat	SP187	Gloss Black
SP183	Satin Black	SP186	Rally Silver	SP189	Graphite



VHT Wrinkle Plus combines strong colours with a deep rich texture for a custom look. It is temperature resistant to 350°F (176°C) and is ideal for adding a touch of personal styling to almost any metal surface. VHT Wrinkle Plus resists colour fading, grease, degreasers and severe weather conditions. This tough durable finish is extremely resistant to rust, corrosion, chipping and cracking.

Colours available:

SP201	Black	SP204	Red
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VHT Chrome Plus is a unique quick drying formulation specifically created for application on metal, glass, wood or sealed plaster surfaces. This non-tarnishing epoxy finish has outstanding brilliance and corrosion resistance. VHT Chrome Plus is easy to use and dries in minutes. Excellent for touch-up, refinishing and decorative applications. Warning: Do not use any clear coat finish over these products.

Colours available:	SP5251	Chrome
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PAINTS AND CHEMICALS



VHT Penetrating Colour Dye for vinyl and carpeting is a one-step process that restores or changes the colour of any vinyl upholstery, seats and trim, or the “short nap” carpeting found in today’s cars, boats and watercraft. It is ideal for use on stiff or pliable vinyl, simulated leather or plastic. VHT Penetrating Colour Dye is not a paint but a true dye which permanently changes the colour of the substrate. It is extremely resistant to cracking or fading. Careful preparation is essential and all traces of dirt, silicone products, vinyl and rubber protectants, oils and greases must be removed. Incomplete preparation will not produce a satisfactory result. Warning: It is not suitable for use on cloth or fabrics.

Colours available:

SP941	Gloss Jet Black	SP949	White Satin
SP942	Black Satin	SP950	Dark Blue Satin
SP943	White Satin	SP953	Light Grey Satin
SP944	Buckskin Tan Satin	SP954	Charcoal Grey Satin
SP946	Silver Satin	SP961	Desert Sand
		SP962	Red



VHT Quick Coat Enamel is a premium quality coating which provides extra hide and durability for interior or exterior applications. This tough and durable coating prevents rust and corrosion on properly prepared surfaces, is fast drying, lead free and ozone safe. VHT Quick-Coat Enamel provides a rich weather resistant gloss finish to wood, metal, sealed plaster and masonry surfaces.

Colours available:

SP501	Fire Red	SP508	Bright Yellow	SP515	Clear
SP503	Bright Orange	SP509	Gloss White	SP525	Silver Chrome
SP504	Gloss Black	SP510	Flat Black	SP527	Satin Black
SP505	Ocean Blue	SP512	Forest Green	SP551	Dark Metallic Grey
SP507	Bright Aluminium			SP513	Machinery Grey



VHT Prime Coat is an excellent foundation for any enamel, epoxy, acrylic or synthetic lacquer. It provides a tough, air dry base coat with excellent adhesion to intermediate and top coatings. VHT Prime Coat is specially formulated to fill scratches or pin holes caused by sanding or body fillers to form a strong corrosion barrier. It is a multi-purpose product, and can be used on metal, fibreglass, masonry, wood and most plastic surfaces. It is ideal for automotive, marine, aviation, home, farm and industrial use.

Colours available:

SP301	White	SP303	Red Oxide	SP305	Black
SP302	Dark Grey	SP304	Light Grey	SP306	Zinc Chromate

PAINTS AND CHEMICALS



VHT Flameproof Coating will renew and extend the life of any surface exposed to extremely high temperatures. This unique coating is a matte finish, ceramic base silicone widely used by the automotive industry on exhaust systems and the aerospace industry for jet engines, re-entry vehicles, the Stealth fighter, B-2 bomber and other high temperature applications.

VHT Flameproof Coating will withstand temperatures up to 1500°F (815°C) and is ideal for use on boilers, hot water pipes, exhaust systems, franklin stoves, heaters, barbecues, furnaces or wherever an extreme temperature coating is needed (* indicates colours that may fade at 1200°F/648°C). VHT Flameproof Coating only attains its unique properties after correct curing (refer to the instructions on the can).

Colours available:

SP101	Flat White	SP108	*Flat Yellow	SP115	Clear
SP102	Flat Black	SP109	*Flat Red	SP117	Flat Aluminium
SP104	Flat Grey	SP110	*Flat Blue	SP118	White Primer
SP106	Flat Silver	SP114	*Flat Orange		



VHT Nu-cast Manifold Coating is a unique formula developed to restore OEM parts to their original newly cast appearances.

VHT Nu-Cast 1500°F (815°C) Cast Iron Manifold Coating (SP998) has all of the performance qualities of standard VHT Flameproof Coatings.

Colour available:

SP998 Grey



VHT Epoxy Paint is a one-step epoxy ester resin which does not require the use of a primer. It has been formulated to give the appearance and durability of a baked-on finish. It provides a porcelain-like finish that is chemical, corrosion, rust and salt resistant.

Colours available:

SP670 Gloss Black
SP671 Satin Black



VHT Adhesive Promoter SP440

is a quick drying clear primer formulated to improve paint adhesion to all automotive surfaces. This formula creates an added bond on problem surfaces. Ideal for use on plastics, vinyls, chrome, galvanised bare and painted metal, aluminium and fibreglass.



VHT Hood and Bumper Paint SP27

accents the latest automotive styling and matches original factory equipment. This satin black urethane coating is extremely flexible, yet resists chipping and fading. The easy to use spray application creates a tough durable finish with excellent mark and scratch resistance.



VHT Self-Etching Primer SP307

This product should be used as the first step in priming bare metal, aluminium and fibreglass. It is corrosion resistant, provides maximum adhesion and is fast drying.

PAINTS AND CHEMICALS



VHT 550°F (287°C) Engine Enamels are available in a wide range of colours, including exact match factory colours. All colours have excellent durability and superior heat and solvent resistance. They are specially formulated to withstand corrosion, rust, salt spray, strong solvents and additives of today's gasoline blends and degreasers. VHT 550°F (287°C) Engine Enamels are a unique blend of urethane resins which produce a tough and long-lasting finish for engines, engine accessories or wherever a tough durable heat or chemical resistant finish is needed. Ideal for use on engines, heat registers, hot pipes, farm and garden equipment, boats, motorcycles and watercraft.

Colours available:

SP119	Holden Orange	SP130	Flat Black	SP153	Old Ford Blue
SP1202	Holden Blue	SP131	Ford Green	SP154	Grabber Green
SP120	Chrysler Hemi-Orange	SP132	Universal Gold	SP155	Chrysler Red
SP121	Bright Red	SP134	Ford Light Blue	SP29	Motor Brite—Clear
SP122	Pontiac Blue	SP135	GM Blue	SP755	Ford Competition Blue
SP123	Chevy Orange	SP137	Ford Grey	SP760	Kermit Green
SP124	Gloss Black	SP138	New Ford Blue	SP756	Hot Pink
SP125	Ford Dark Blue	SP139	GM Satin Black		
SP126	Early Chrysler Blue	SP145	Clear		
SP127	Universal Aluminium	SP148	Light Grey Primer		
SP128	Gloss Yellow	SP151	Racing Green		
SP129	Gloss White	SP122	Ford Red		

VHT Nu-Cast Engine Enamels are unique formulas developed to restore OEM parts to their original newly cast appearances. These Cast Aluminium and Iron Grey coatings withstand temperatures to 500°F (287°C) and are extremely resistant to chemicals, salt, corrosion and rust.

Colours available:
 SP995 Cast Aluminium
 SP997 Cast Iron Grey



VHT Metallic Engine Enamels 343°C (650°F). These unique high temperature engine enamels are chemical resistant coatings.

Colours available:

SP401	Fire Red	SP403	Titanium Silver
SP402	Burnt Copper	SP404	Gold Flake
		SP405	Black Pearl

PAINTS AND CHEMICALS



VHT Nite Shades Red SP888 is a translucent red lens coating that is designed to customise or restore vehicle lenses. It is ideal for tail lights or turn indicators. Recommended for off road use only. **Warning:** once applied to plastic lens, SP888 is not able to be satisfactorily removed.



VHT Nite Shades SP999 is a transparent black tail light lens coating for creating a custom European styling. When applied to tail lights, fog lights or turn indicators, VHT Nite Shades appears black until they are lit, then the natural red colour appears. Recommended for off road use. **Warning:** Once applied to plastic lens, SP999 is not able to be satisfactorily removed. Recommended for off-road use.



VHT Anodised Colour Coat is formulated for high temperature and high performance applications ideal for an anodised colour effect over chrome and other shiny metal surfaces.

Colours available:

- SP450 Red
- SP451 Blue
- SP452 Purple
- SP453 Base Silver



VHT Epoxy Paint Rust All

Weather contains a one-step Epoxy Ester resin which dries in minutes to provide an exceptional rust and corrosion resistant finish. The rust inhibitors which are added to this already fortified resin produce a rust proof barrier when applied to new or properly prepared metal substrates. VHT Epoxy Paint — Rust All Weather is tough enough for industrial use yet safe enough for children's toys. It can be used interior or exterior. No primer is required.

Colours available:

- SP650 Gloss Black
- SP651 Gloss White
- SP652 Satin Black



VHT Copper Gasket Cement SP21A maintains excellent adhesion under severe pressure and heat fluctuations. This high metallic formula assures tight seals on cork, paper and metal gaskets. VHT Copper Gasket Cement has been extensively tested on racing engines in the field and on dynamometers, where it has met and exceeded the high compression requirements of super-powered engines. It also is an excellent seal for threaded fittings and pressure hose connectors.

PAINTS AND CHEMICALS



Engine Pro has what you need to build and repair engines--from start to finish. For paints, cleaners and specialty lubricants,

turn to the pro...Engine Pro.



Engine Enamel

- Provides a Tough Finish that Resists Heat and Gasoline
- Fast Drying
- Protects Engines, Transmissions and Other O.E.M. Equipment
- Heat Resistant to 300 degrees F

ENGINE PRO ENGINE ENAMEL	PART #
CAST GREY (SP997)	46-048
ALLOY (SP995)	46-055
GLOSS BLACK (SP124)	46-115
SATIN BLACK (SP139)	46-139
EQUIPMENT CAT YELLOW	46-213
GM PONTIAC BLUE (SP122)	46-389
UNIVERSAL SILVER	46-410
FORD GREY (SP137)	46-430
CHRYSLER RED (SP126)	46-440
FORD RED (SP152)	46-440N
FORD BLUE (SP134)	46-460
CHEVY ORANGE (SP123)	46-480
FORD DARK BLUE (SP125)	46-560
ALUMINUM (SP127)	46-710
LIGHT GREY PRMER (SP148)	46-831

PAINTS AND CHEMICALS



Engine Pro has what you need to build and repair engines--from start to finish. For paints, cleaners and specialty lubricants,

turn to the pro...Engine Pro.

High Heat Paint

- Withstands Continuous Temperatures of up to 1200 degrees F
- Porcelain Type Bond is Formed at High Temperatures
- Resists Blistering, Peeling and Discoloration



SEYMOUR HIGH HEAT PAINT	PART #
HIGH HEAT ALUMINUM (SP117)	16-1201
HIGH HEAT WHITE (SP101)	16-1202
HIGH HEAT BLACK (SP102)	16-1203
HIGH HEAT CAST IRON (SP998)	16-2668
SEYMOUR ENGINE ENAMEL	PART #
FLAT BLACK (SP130)	16-133
CAT YELLOW OLD	16-212
PAINT CLEAR PLASTIC	16-2411



Part # 1008
DYNAGRIP METALLIC
SEAL-TITE
 (FORMALLY CARGO SEAL-UP)

It's Back!

Part # T5101-28

SEALWEL COOLING SEALANT AND CLEANER



WHAT DOES SEALWEL DO?

Seals leaks in radiator systems:

prevents coolant loss reduces engine damage

seals oil to water leaks seals internal and external leaks Cleans cooling

systems: removes deposits and rust, improves coolant circulation won't

clog Sealwel Lubricates bearings: reduces wear on pump bearings keeps

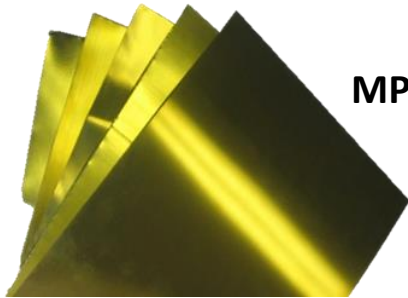
thermostats & heater valves working **Packet of 28 tabs**

CORK RUBBER GASKET MATERIAL

High quality Cork Rubber. Suitable for rocker covers, oil pans, etc.



MP154545	Cork 1.5mm sheet size 450mmx450mm	MP304545	Cork 3.0mm Sheet Size 450mmx450mm
MP159045	Cork 1.5mm sheet size 900mmx450mm	MP309045	Cork 3.0mm Sheet size 900mmx450mm
MP159090	Cork 1.5mm sheet size 900mmx900mm	MP309090	Cork 3.0mm Sheet Size 900mmx900mm
MP204545	Cork 2.0mm sheet size 450mmx450mm	MP4050100	Cork 4.0mm Sheet size 500mmx1000mm
MP209045	Cork 2.0mm sheet size 900mmx450mm	MP405050	Cork 4.0mm Sheet size 500mmx 500mm
MP254545	Cork 2.5mm sheet size 450mmx450mm	MP505050	Cork 5.0mm sheet size 500mmx500mm
MP259045	Cork 2.5mm sheet size 900mmx450mm	MP60550100	Cork 6.0mm Sheet size 500mmx 1000mm
MP259090	Cork 2.5mm Sheet size 900mmx900mm	MP6055050	Cork 6.0mm Sheet size 500mmx500mm



MP6005

Brass Shim Pak - sheet size 150x300mm

Selection of Brass Shim sheets in the following thicknesses: 0.05, 0.08, 0.10, 0.12, 0.25mm.

**OIL PAN SEPARATOR
PSGS004**



**1.250" (31.7 MM) WIDE SCRAPER
PSGS002**



**.670" (17MM) WIDE SCRAPER
PSGS003**



**OIL SEAL PICK SET
PSGS005**

Set for removing seals and o-ring



BOJ GASKET MATERIAL

Cellulose Fibre material with Styrene Butadiene binder.

General purpose gasket material suitable for sealing water oil and fuel where bolt loading temperatures and pressures are low. i.e.: thermostats, timing cover gaskets water, fuel and oil pumps.

Colour: Black

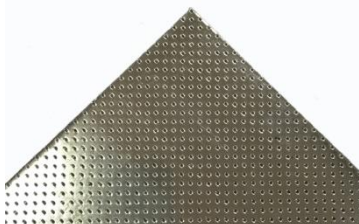
- MP0041** BOJ 0.40mm - sheet size 500x1000mm
- MP0042** BOJ 0.4mm - sheet size 500x500mm
- MP0044** BOJ 0.40mm - sheet size 250x500mm
- MP0045** BOJ 0.40mm - sheet size 250x250mm
- MP0081** BOJ 0.80mm - sheet size 500x1000mm
- MP0082** BOJ 0.8mm - sheet size 500x500mm
- MP0084** BOJ 0.80mm - sheet size 250x500mm
- MP0085** BOJ 0.50mm – sheet size 250x250mm
- MP0151** BOJ 1.50mm - sheet size 500x1000mm
- MP0152** BOJ 1.50mm - sheet size 500x500mm
- MP0154** BOJ 1.50mm - sheet size 250x500mm
- MP0155** BOJ 1.50mm – Sheet size 250x250mm



DSF GASKET MATERIAL

Double Steel Faced Material - Fibre core laminated between two perforated steel sheets. Suitable for applications where temperatures are high and change rapidly such as exhaust manifolds

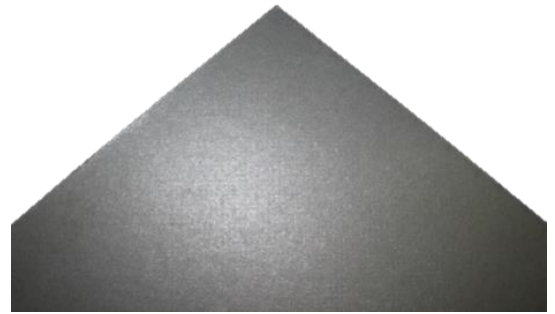
- MP1352** DSF 1.4mm – sheet size 150x100mm
- MP1357** DSF 1.4mm - sheet size 500x330mm



DSM GASKET MATERIAL

Double Sided Material - perforated steel core laminated between fibre facing material
Suitable for applications where temperatures are high and change rapidly such as exhaust manifolds.

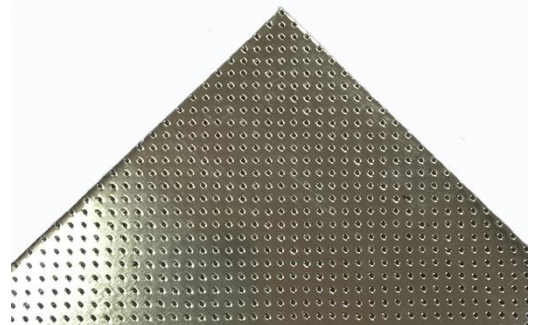
- MP1153** DSM 1.80mm – Sheet size 500x500mm
- MP1156** DSM 1.80mm – sheet size 150x100mm
- MP1182** DSM 1.80mm - sheet size 750x160mm
- MP1183** DSM 1.80mm - sheet size 750x100mm



SSM GASKET MATERIAL

Single sided Material - Perforated steel core laminated to fibre facing material. Suitable for applications where temperatures are high and change rapidly such as exhaust manifolds.

- MP1252** SSM 1.0mm – sheet size 150x100mm



S207 GASKET MATERIAL

Reinforced Cellulose “Controlled Swell” material with latent cure Styrene Butadiene binder.

S207 seals oils, coolant and low pressure steam where temperatures are below 180° C (350° F). Significant thickness increase occurs at the exposed internal edge of the gasket with many fluids dramatically improving sealability.

The heat of application then vulcanises the material to limit further swelling and provide fully cured performance.

Colour: Blue

- MP2081** S207 0.80mm - sheet size 500x1000mm
- MP2084** S207 0.80mm - sheet size 250x500mm
- MP2085** S207 0.80mm – sheet size 250x250mm
- MP2161** S207 1.60mm - sheet size 500x1000mm
- MP2164** S207 1.60mm - sheet size 250x500mm
- MP2165** S207 1.60mm – Sheet Size 250x250mm

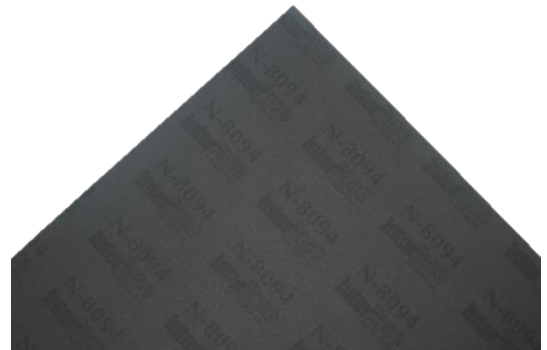


N8094 GASKET MATERIAL

Reinforced Cellulose with fully cured Nitrile Butadiene binder. N8094 is an economical material exhibiting very good crush resistance at high flange pressures. Recommended for sealing oil, fuels and water below 180° C (350° F).

Colour: Grey

- MP8051** N8094 0.5mm – sheet size 1000x500mm
- MP8054** N8094 0.5mm – sheet size 500x250mm
- MP8055** N8094 0.5mm – sheet size 250x250mm
- MP8081** N8094 0.80mm - sheet size 500x1000mm
- MP8084** N8094 0.80mm - sheet size 250x500mm
- MP8085** N8094 0.8mm – sheet size 500x250mm
- MP8101** N8094 1.0mm – sheet size 1000x500mm
- MP8104** N8094 1.0mm – sheet size 500x250mm
- MP8105** N8094 1.0mm – sheet size 250x250mm
- MP8161** N8094 1.60mm - sheet size 500x1000mm
- MP8164** N8094 1.60mm - sheet size 250x500mm
- MP8165** N8094 1.60mm – sheet size 250x250mm

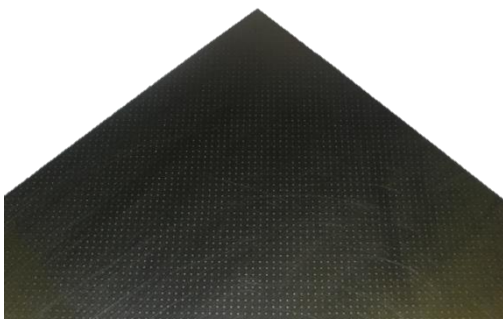


GRAPHITE GASKET PAPER

Double Sided Graphite - perforated steel core laminated between graphite facing material.

Suitable for applications where temperatures are high and change rapidly such as exhaust manifolds.

- MP1481** Graphite 1.80mm - sheet size 250x750mm
- MP1482** Graphite 1.80mm - sheet size 160x750mm



FLEXIOD MATERIAL

MP7041	Flexiod 0.4mm – sheet size 1000x500mm
MP7042	Flexiod 0.4mm - sheet size 500x500mm
MP7045	Flexiod 0.4mm – sheet size 250x250mm
MP7081	Flexiod 0.8mm – sheet size 1000x500mm
MP7082	Flexiod 0.8mm – sheet size 500x500mm
MP7085	Flexiod 0.8mm – sheet size 250x250mm
MP7105	Flexiod 1.0mm - sheet size 250x250mm
MP7161	Flexiod 1.6mm – sheet size 1000x500mm
MP7162	Flexiod 1.6mm – sheet size 500x500mm
MP7165	Flexiod 1.6mm – sheet size 250x250mm

Cellulose fibre impregnated with plasticised gelatine. General purpose gasket material suitable for fuel, oil and coolant up to 120°. Colour: Brown



AA Gaskets manufactures a range of proprietary brands and supplies them to engine rebuilders and resellers through an efficient and responsive international network of automotive parts distributors.

Proprietary brands include:



Engineered and designed to precise tolerances - Permaseal MLS-R High Performance Head Gaskets as well as Turbo gaskets and kits.



Budget priced Crossfire, standard grade for a cheaper alternative for regular passenger vehicles.



High quality Permaseal for standard applications including passenger vehicles, off road and commercial vehicles.

Please use the attached link to the above web site

AA gaskets Web Site

<http://aagaskets.com.au>

Push Rod Length Checker

Aluminium Alloy Tubes in increments 6" to 12"
(Some kits may have 6 or 12 pc)

Part # LC5A-K



Engine Pro Con Rod Bolt Sleeves

Pk of 50

Part # BB1-50



Engine Pro Accessory Bolts

Suits Sump, Inlet Manifolds, Distributor, Headers
12 point 8740 chrome moly steel
Black oxide finish.



3/8" x 1.000 Part # 375-1000-50

3/8" x 1.250 Part # 375-1250-50



T-K RADIATOR RUST & SLUDGE ELIMINATOR

Part # 960220

An inexpensive and environmentally friendly method of cleaning rust and sludge from automotive cooling systems. No more harmful chemicals to poison our environment. No more draining or flushing.

Features:

- It is harmless to alloys & iron
- Preserves radiator hoses
- Combats electrolysis
- Acts as a rust inhibitor
- Helps free sticking thermostats
- Helps prevent overheating
- Replaces all other additives (Anti-Freeze still required in very cold climates)
- Compatible with most Anti-Freeze

TEE-KAY HEAD CHECK

TEE-KAY HEAD CHECK
COMBUSTION LEAK DETECTOR
Part # TK01

- Designed to check combustion gases in the cooling system
- Suitable for petrol, diesel and LPG engines



Replacement Fluid
Part # TK02

NASON VALVE SHIMS

Nason's Now Has A Wide Range Of Valve Shims For Most Popular Applications From 25mm To 37mm OD In Thickness Up To 3.70mm



Ring Nason Engine Parts for more details

Heat Tabs & Adhesive

Part # HEATTABS

Adhesive
Part # HTA



ENGINE SLEEVES



Wall section
 A = .062
 B = .093
 C = .125

N2504B X 7	NASON CYL SLEEVE	
N2543B X 5.2810	NASON CYL SLEEVE	
N2750B X 7.281	NASON CYL SLEEVE	
N2795A X 7.250	NASON CYL SLEEVE	
N2795B X 7.250	NASON CYL SLEEVE	
N2875A X 6.875	NASON CYL SLEEVE	
N2875B X 6.875	NASON CYL SLEEVE	
N2952B X 7.5	NASON CYL SLEEVE	
N3000A X 8.125	NASON CYL SLEEVE	
N3000B X 8.125	NASON CYL SLEEVE	
N3062B X 6.875	NASON CYL SLEEVE	
N3122B X 8.125	NASON CYL SLEEVE	
N3150B X 9	NASON CYL SLEEVE	
N3188A X 7.687	NASON CYL SLEEVE	
N3188B X 7.687	NASON CYL SLEEVE	
N3252B X 8.125	NASON CYL SLEEVE	
N3312B X 9	NASON CYL SLEEVE	
N3346B X 8.062	NASON CYL SLEEVE	
N3375B X 8.125	NASON CYL SLEEVE	
N3401B X 8.125	NASON CYL SLEEVE	
N3431B X 8.5	NASON CYL SLEEVE	
N3465B X 7.087	NASON CYL SLEEVE	
N3500B X 8.375	NASON CYL SLEEVE	
N3562B X 9	NASON CYL SLEEVE	
N3587A X 6.496	MITSUBISHI 4D55 4D56	SLEEVE LENGTH 165.00MM SLEEVE OD 94.20MM
N3623B X 6.5	NASON CYL SLEEVE	
N3623C X 6.5	NASON CYL SLEEVE	
N3625A X 6.500	NASON CYL SLEEVE	

ENGINE SLEEVES



Wall section

A = .062

B = .093

C = .125

N3625B JAGUAR	Flanged Sleeve	FLANGED 3.625B X 7.00
N3625B X 9.687	NASON CYL SLEEVE	
N3625C X 10.250	NASON CYL SLEEVE	
N3680A X 6.25	NASON CYL SLEEVE	
N3680B X 6.5	NASON CYL SLEEVE	
N3680B X 8.625	NASON CYL SLEEVE	
N3680C X 6.5	NASON CYL SLEEVE	
N3687A X 7.500	NASON CYL SLEEVE	
N3687B X 9.000	NASON CYL SLEEVE	
N3687C X 7.500	NASON CYL SLEEVE	
N3700A X 5.850	NASON CYL SLEEVE	
N3700A X 6.750	NASON CYL SLEEVE	
N3700A X 6.555	NASON CYL SLEEVE	
N3700B ROVER	NASON CYL SLEEVE	RANGE ROVER 3.9L
N3700B X 7.000	NASON CYL SLEEVE	
N3750B X 9.875	NASON CYL SLEEVE	
N3812B X 8.750	NASON CYL SLEEVE	
N3845C X 9.500	NASON CYL SLEEVE	
N3858C X 11.810	NASON CYL SLEEVE	
N3875B X 10	NASON CYL SLEEVE	
N3875C X 9.500	NASON CYL SLEEVE	
N3898B X 5.510	FLANGE OD; 4.250 FLANGE DEPTH 0.315	S / F ID ; 3.868 FINSHED ID 3.898 OD; 4.115 O/L 5.510
N3911A X 6.250	NASON CYL SLEEVE	
N3911A X 6.500	Special order (D N R)	SLEEVE HAS NO CHAMFER OR LEAD IN EDGES ID; 3.870 S/F BORE OD; 4.038 LENG 6.500
N3911B X 6	NASON CYL SLEEVE	
N3911B X 7.500	NASON CYL SLEEVE	
N3937B X 10	NASON CYL SLEEVE	
N4000B X 5.10	Flange Sleeve Flange od 4.250 Flange Depth 0.315	Semi finished id 3.970 Finished Id LS2;4.00 LS3; 4.060 OD 4.200

ENGINE SLEEVES



Wall section
 A = .062
 B = .093
 C = .125

N4001A X 9.875	NASON CYL SLEEVE	Size 4.001 x 9.875 x .062
N4001B X 9.875	NASON CYL SLEEVE	
N4004B X 6	NASON CYL SLEEVE	
N4004C X 6	NASON CYL SLEEVE	
N4050B X 6.5	NASON CYL SLEEVE	
N4062B X 10.5	NASON CYL SLEEVE	
N4125B X 10.5	NASON CYL SLEEVE	
N4125C X 10.5	NASON CYL SLEEVE	
N4220B X 10.50	NASON CYL SLEEVE	
N4220C X 10.50	NASON CYL SLEEVE	
N4250B X 11.5	NASON CYL SLEEVE	
N4250C X 11.50	NASON CYL SLEEVE	
N4286D X 8.610	NASON CYL SLEEVE	LINER FORD 240 360 DIESEL
N4400B X 12.25	NASON CYL SLEEVE	
N4400C X 12.250	NASON CYL SLEEVE	
N4500B X 11.50	NASON CYL SLEEVE	
N4500C X 11.50	NASON CYL SLEEVE	
N1625B X 12.250	NASON CYL SLEEVE	
N4750C X 12.25	NASON CYL SLEEVE	
N5400 X 2.000	NASON CYL SLEEVE	LOWER BLOCK INSERT CATERPILLER 3300
N5750CL X 17.00	NASON CYL SLEEVE	
N6000C X 17.000	NASON CYL SLEEVE	
N6125C X 17.00	NASON CYL SLEEVE	
N6220 X 1.580	NASON CYL SLEEVE	LOWER BLOCK INSERT CATERPILLER 3400
N6750CL X 17.00	NASON CYL SLEEVE	
N7800 X 2.00	NASON CYL SLEEVE	LOWER BLOCK INSERT CATERPILLER 3500
FS5000D	SPECIAL SLEEVE	KIA CARNIVAL ROVER V6 K5 2.5 LITRE DOHC

Vibra-TITE®

Super Glue

VT30120	Surface Insensitive Gen Purpose
VT30620	Surface Insensitive Wicking Grade
VT38020	Bond Metal To Metal and Rubber
VT39528	General Purpose
VTASG20	Automotive Super Glue ASUP-1 Instant Superglue 20 gram bottle

Thread Lockers

VT11110	Anaerobic Thread locker 222 Low Strength 10ml
VT11125	Anaerobic Thread locker 222 Low Strength 250ml
VT11150	Anaerobic Thread locker 222 Low Strength 50ml
VT12110	Anaerobic Thread locker 242 Medium Strength 10ml
VT12125	Anaerobic Thread locker 242 Medium Strength 250ml
VT12150	Anaerobic Thread locker 242 Medium Strength 50ml
VT12202	Medium Strength Oil Tolerant 243 2ml Bullet
VT12202-10	Medium Strength Oil Tolerant 243 2ml 10 Pack
VT12202-40	Medium Strength Oil Tolerant 243 2ml 40 Pack
VT12210	Medium Strength Oil Tolerant 243 10ml
VT12225	Medium Strength Oil Tolerant 243 250ml
VT12250	Medium Strength Oil Tolerant 243 50ml
VT13110	Permanent Strength 262 10ml
VT13125	Permanent Strength 262 250ml
VT13150	Permanent Strength 262 50ml
VT14002-10	High Strength 271 2ml 10 Pack
VT14002-40	High Strength 271 2ml 40 Pack
VT14010	High Strength 271 10ml
VT14025	High Strength 271 250ml
VT14050	High Strength 271 50ml
VT15050	High Strength 290 50ml

Thread Sealant

VT42750	Anaerobic High Strength Yellow ND 577
VT44050	Thread Sealants ND545 50ml Tube
VT44450	Thread Sealants ND569 50ml bottle
VT46050	Anaerobic Gen Purpose Fuel Resistant

Welch Plug Sealant

VT962T50	Anaerobic Retaining Compounds
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Vibra-TITE®

Anti-Seize Compound

VT90705	Aluminium Compound	907A	500 gm
VT90708	Aluminium Compound	907A	8 oz
VT90715	Copper Compound	907C	500 gm
VT90718	Copper Compound	907C	8 oz
VT90725	Nickel Compound		
VT90728	Nickel Compound		

Liquid Gasketing

VT73050	Anaerobic Liquid Gasketing	518 Flexible / Solvent Resistant	50ml tube
VT73250	Gen Purpose Flexible Gasket Maker		

Refrigerant Sealant

VT44650	High Pressure		
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Retaining Compound

VT53010	General Purpose		
VT53050	General Purpose Retaining Compound		
VT54110	High Strength Slip Fit	680	10ml
VT54125	High Strength Slip Fit	680	250ml
VT54150	High Strength Slip Fit	680	50ml
VT56710	High Temperature Large Gap		
VT56750	High Temperature Large Gap		

Silicone Gasketing

VT56993	Advanced Silicone Gasketing Oil Resistant Rigid Flange		
VT73030	Flexible Solvent Resistant		
VT73230	Flexible Gasket Maker		
VT78730	Advanced Silicone Blue Oil Rest Flexible		



ThreeBond

Adhesive	
1373B-10	10ml Bottle General Purpose Fast Cure Adhesive
1373B-250	250ml Bottle General Purpose Fast Cure Adhesive
1373B-50	50ml Bottle General Purpose Fast Cure Adhesive
1375B-10	10ml Bottle Adhesive For Small/Medium Components
1375B-250	250ml Bottle Adhesive For Small/Medium Components
1375B-50	50ml Bottle Adhesive For Small/Medium Components
1377B-10	10ml Bottle Adhesive For Large Components
1377B-250	250ml Bottle Adhesive For Large Components
1377B-50	50ml Bottle Adhesive For large Components
1741-56	56ml Bottle Fast Curing Adhesive for Rubber Wood & Metals
All Purpose Liquid	
SS1-330	
Bearing Adhesive	
1322-10	10ml Bottle Bearing Retainer Adhesive
1322-50	50ml Bottle Bearing Retainer Adhesive
Brake Cleaner	
SBC-480	
Diesel Eng Conditioner	
6601JC	
Electrical Cleaner	
6602CO-480	
Gasket Adhesive	
1102-200	200g Bottle Gasket Adhesive Yellow
1521C-150	150g Tube Ideal For Automotive/Motorcycle Handle Grips
Gasket Stripper	
P391D	
Hydraulic Sealer	
1344-10	10ml Bottle Hydraulic Sealer
1344-50	50ml Bottle Hydraulic Sealer
Liquid Gasket Sealant	
1104-100	100g Tube Synthetic Liquid Gasket Grey
1104-50-BP	50g Tube Synthetic Liquid Gasket Grey Blister Pack
1110F-100	100g Tube Synthetic Liquid Gasket
1207B-100	100g Tube RTV Silicone Liquid Gasket Black
1207B-340	340g Cartridge RTV Silicone Liquid Gasket Black
1207C-150	150g Tube RTV Silicone Liquid Gasket Red/Brown
1207C-333	333ml Cartridge RTV Silicone Liquid Gasket Red/Brown
1207D-150	150ml Tube Liquid Gasket Grey
1211-100	100g Tube RTV Silicone Liquid Gasket White
1212-100	
1215-250	250g Tube RTV Silicone Liquid Gasket Light Grey
1215-333	330g Cartridge RTV Silicone Liquid Gasket Light Grey
1216-120	120g Tude Liquid Gasket Grey

ThreeBond

Lubricant	
1803C-400	THREEBOND SUPER LUBRICANT
1910-420	
Metal Repair Kit	
2089-80	
Nut Adhesive	
1324-10	
1324-50	
Nut Lock	
1324-250	Nut Lock
Primer	
1390-100	100ml Bottle Primer Activator
Screw lock Adhesive	
1342-10	10ml Bottle Screw Lock Adhesive
1342-50	50ml Bottle Screw Lock Adhesive
1401-200	200ml Bottle Clear
Sealer	
SS1-85-BP	Grey Super Sealer 85 g Blister Pack
SS2-85-BP	Red Super sealer 85g Blister Pack
Stud Lock Adhesive	
1305-10	10ml Bottle Stud Lock High Strength
1305-250	250ml Bottle Stud Lock High Strength
1305-50	50ml Bottle Stud Lock High Strength
Super Cleaner Spray	
6602T	Super Cleaner Spray
Super Engine Conditioner	
6601J	Super Engine Conditioner
Tube Squeezer Key	
TBKEY5	Silicone Tube Squeezer Keys 5 Pack
Welch Plug Sealer	
1386B-10	10ml Bottle Welch Plug Sealer
1386B-250	250ml Bottle Welch Plug Sealer
1386B-50	50ml Bottle Welch Plug Sealer



LUBES , ADDITIVES & OTHERS



Assembly Lubes

Moly Lube Paste 10 Oz
Brush Top
40-1000



Engine Pro Zinc Engine
Assembly Lube
8oz Bottle
40-1100



ARP Ultra-Torque
0.5 Oz Sachets
Fastener Assembly Lubricant
100-9908

ARP Ultra-Torque
1 Pint Bottle
Fastener Assembly
Lubricant
100-9911

Engine Oil Additives

40-1900
With ZDDP



RACE WAX

PART # JG-RACE WAX

Race Wax leaves a smooth, glossy finish that helps shed tire rubber, dirt and bugs. Race Wax cleans and shines glass, chrome, paint, plastic, tires and vinyl. It is a perfect product for fiberglass cars, decal wrapped race cars and hot rods. Perfect for a quick touch up clean and shine at the car show or race track, Race Wax can be used in direct sunlight and on cars that have not been washed. The clean and shine from Race Wax makes your car look sharp, and it makes clean up quick and easy without damaging the paint, windows, chrome or decal graphics.

- Delivers a Low Drag, High Gloss Finish
- Effectively Sheds Dirt, Rubber & Debris
- Quick & Easy Application
- Clean Up is Simple
- Perfect for Cleaning & Protecting:

- Painted Surfaces
- Full Decal Wraps
- Fiberglass Panels



PART # JG-DG



SPEED CLEAN

Wipes Away Rubber, Bugs, Dirt, & Grime
Speed Clean's foaming action lifts away honing residue from cylinder bores and cleans away greasy films. Excellent for cleaning away cosmoline and microscopic dirt and debris from new engine parts prior to assembly. Prepares the surface for full adhesion of the assembly lubricant. Simply spray on, let soak, and then wipe off.

Cuts Tough Grease, Grime & Rubber
Quick & Easy Foaming Action Spray
Won't Harm Paint; Leaves No Residue
Unlimited Home, Shop & Track Uses

BRAKE AND PARTS CLEANER

PART # JG-BRAKECLEANER



Quickly Removes Oil, Grease, & Residue Without Leaving A Film
Powerful & quick cleaning performance makes Driven Brake & Parts Cleaner a must for every shop and toolbox. Non-chlorinated formula prevents chemical etching that can lead to part fractures. Dries quickly and does not leave an oily film. Meets all United States VOC requirements.

Quickly Removes Brake Fluid, Grease, Oil & Other Contaminants from Brake Lining & Drums

Quickly Cuts Through Grease & Grime, but it Does Not Leave an Oily Film
Fast-Drying Formula Gets the Job Done While Using Less Spray Compared to Watered Down Cleaners

Non-Chlorinated - NHRA Legal Excellent General Parts Cleaner

ENGINE ASSEMBLY GREASE

PART # JG-AG-1LB

Also Available In 1oz Tube **PART # JG-AG-1OZ**

Recommended by leading camshaft manufacturers, this unique extreme pressure lube dissolves completely in oil without clogging oil passageways or plugging oil filters. Proven to cling to and protect surfaces during initial start-up, Driven Engine Assembly Grease delivers protection you can count on. Apply to cams and lifters for break-in protection. It can also be used on distributor gears, rocker shafts, rocker tips, pushrod tips, wrist pins and valve guides. Combined with BR series break-in oils provides proven protection during break-in. 1LB TUB



HIGH VISCOSITY ASSEMBLY LUBRICANT

PART # JG-HVL

High viscosity assembly lubricant (HVL) provides a tenacious yet fluid film to protect reciprocating and rotating components during assembly and initial break-in. This non-foaming product mixes with the break-in oil and extends the oil film thickness during the critical break-in process. Fortified with ZDDP. Apply to engine bearings, piston skirts, bushings, timing chains and gears, as well as oil pump gears. HVL will not harden or cause parts to become "sticky."



CSP - COOLANT SYSTEM PROTECTOR

PART # JG-CSP

Protect your engine block, cylinder heads, water pump and radiator from deposits and corrosion that reduce the effectiveness of your cooling system. Don't put your engine at risk from the corrosive effects of coolants mixed with non-distilled water. The minerals in regular water and well water cause corrosion and degrade the performance of the coolant. CSP neutralizes these minerals and prevents damage due to hard water. This is especially important when you add make-up water to the coolant system. CSP prevents corrosion in modern "orange" OAT coolants, traditional "green" anti-freeze and straight water. Keeps engine coolant passages clean and lubricates water pumps. Do not mix with other coolant additives.





Part # JG-CD Carb Defender® Fuel Additive

Designed for carburetted classic and performance vehicles, this concentrated additive prevents costly repairs and poor performance resulting from the use of corrosive ethanol-blended pump gas or flex fuels.

Carb Defender® Race Concentrate Fuel Additive

Part # JG-CD RACE

Designed for carbonated race engines that use Methanol, E85 or Oxygenated race fuel, Driven's Carb Defender™ Race Concentrate prevents corrosion and deposits in the fuel system and intake tract.

Driven's Carb Defender Race Concentrate delivers specially formulated additives that protect against carburettor corrosion and induction deposits. Special corrosion inhibitors work to prevent damage and diminished performance caused by fuels containing Methanol and Ethanol, as well as the moisture these fuels attract. This powerful new additive controls combustion chamber residue, plus cleans and protects surfaces of the fuel system and intake tract. Carb Defender Race Concentrate also contains a multi-functional lubricant so "top lubes" are not required. Just one bottle of additive treats up to 55 gallons of fuel, and the bottle features a handy view strip to let users measure out doses for as little as five gallons of gas. Driven Racing Oil™ Carb Defender Race Concentrate works with Methanol, E85 and race fuels, and it is compatible with spec fuel and water tests.



Extreme Pressure Chassis Grease

Part # JG-EPC

A premium extreme pressure grease with greater load carrying and a higher dropping point than traditional lithium greases. EPC delivers exceptional mechanical stability for improved protection. Designed for high temperature and high load applications. 400 mg. Cartridge



Spline Grease

Part # JG-SPLINE

A premium extreme pressure grease with greater load carrying and a higher dropping point than traditional lithium greases. EPC delivers exceptional mechanical stability for improved protection. Designed for high temperature and high load applications. 1/2 lb. Tub

Engineered for race applications with sliding spline teeth operating at high temperatures & RPM's: Driven Racing Oil Spline Grease utilizes a high viscosity synthetic base, proprietary anti-wear additives & a Polyurea thickener that is specifically developed to extend durability.

High viscosity synthetic base stocks create enhanced thermal stability and oxidation resistance, while the robust anti-wear additive package is fortified with Moly for excellent wear protection. Meanwhile, the Polyurea thickener controls oil loss from the grease in extreme temperature environments.





Part # JG-BR

BR Break-In 15W-50

Recommended by multiple cam manufacturers, this unique petroleum oil provides optimum levels of Zinc and Phosphorus for flat tappet and aggressive roller valve trains, and the additive package promotes ring seal. Provides the maximum protection available for cams and lifters during initial break-in. Does not require additional ZDDP additives. Good for full power pulls on the dyno, one night of racing or up to 400 miles on the street. Viscosity typical of 15W-50.

ZDDP-Fortified Cam Protection
Chemically Seals Piston Rings
Protects Bearings & Journals

BR30 Break-In Oil 5W-30

The same high Zinc and Phosphorus formula as our original break-in oil, now in an SAE 5W-30 viscosity for modern OEM rebuilds and hydraulic lifter engines. Provides excellent ring sealing. Does not require additional ZDDP additives. Good for full power pulls on the dyno, one night of racing or up to 400 miles on the street. Viscosity typical of 5W-30.

ZDDP-Fortified Cam Protection
Chemically Seals Piston Rings
Protects Bearings & Journals



Part # JG-BR30

BR40 Break-In 10W-40

The same high Zinc and Phosphorus formula as our original break-in oil, now in SAE 10W-40 viscosity. Well suited for classic muscle car, European sports car and motorcycle engines. Ideal for flat tappet and aggressive roller valve trains, as well as Ethanol- blended, pure Methanol and oxygenated race fuels. Does not require additional ZDDP additives. Good for dyno testing, one night of racing or up to 400 miles on the street. Viscosity typical of 10W-40.

ZDDP-Fortified Cam Protection
Chemically Seals Piston Rings
Protects Bearings & Journals



Part # JG-BR40

**WE ALSO CARRY THE FULL RANGE OF DRIVEN ENGINE OILS.
SPEAK TO YOUR NASON CONTACT FOR DETAILS**

Notes And New Additions