

HAND TOOLS

FLAT FILE



AH01597

Code No.	lgt	Cut
AH01597	4"	Bastard
AH01598	4"	2 nd Cut
AH01599	4"	Smooth
AH01600	6"	Bastard
AH01601	6"	2 nd Cut
AH01602	6"	Smooth
AH01603	8"	Bastard
AH01604	8"	2 nd Cut
AH01605	8"	Smooth

Code No.	lgt	Cut
AH01606	10"	Bastard
AH01607	10"	2 nd Cut
AH01608	10"	Smooth
AH01609	12"	Bastard
AH01610	12"	2 nd Cut
AH01611	12"	Smooth
AH01612	14"	Bastard
AH01613	14"	2 nd Cut
AH01614	14"	Smooth

HALF ROUND FILE



AH01615

Code No.	lgt	Cut
AH01615	4"	Bastard
AH01616	4"	2 nd Cut
AH01617	4"	Smooth
AH01618	6"	Bastard
AH01619	6"	2 nd Cut
AH01620	6"	Smooth
AH01621	8"	Bastard
AH01622	8"	2 nd Cut
AH01623	8"	Smooth

Code No.	lgt	Cut
AH01624	10"	Bastard
AH01625	10"	2 nd Cut
AH01626	10"	Smooth
AH01627	12"	Bastard
AH01628	12"	2 nd Cut
AH01629	12"	Smooth
AH01630	14"	Bastard
AH01631	14"	2 nd Cut
AH01632	14"	Smooth

TRIANGULAR FILE

AH01633



Code No.	lgt	Cut
AH01633	4"	Bastard
AH01634	4"	2 nd Cut
AH01635	4"	Smooth
AH01636	6"	Bastard
AH01637	6"	2 nd Cut
AH01638	6"	Smooth
AH01639	8"	Bastard
AH01640	8"	2 nd Cut
AH01641	8"	Smooth

Code No.	lgt	Cut
AH01642	10"	Bastard
AH01643	10"	2 nd Cut
AH01644	10"	Smooth
AH01645	12"	Bastard
AH01646	12"	2 nd Cut
AH01647	12"	Smooth

For filing acute angle.
Double cut.

SQUARE FILE

AH01651



Code No.	lgt	Cut
AH01651	4"	Bastard
AH01652	4"	2 nd Cut
AH01653	4"	Smooth
AH01654	6"	Bastard
AH01655	6"	2 nd Cut
AH01656	6"	Smooth
AH01657	8"	Bastard
AH01658	8"	2 nd Cut
AH01659	8"	Smooth

Code No.	lgt	Cut
AH01660	10"	Bastard
AH01661	10"	2 nd Cut
AH01662	10"	Smooth
AH01663	12"	Bastard
AH01664	12"	2 nd Cut
AH01665	12"	Smooth

ROUND FILE

AH01669



Code No.	lgt	Cut
AH01669	4"	Bastard
AH01670	4"	2 nd Cut
AH01671	4"	Smooth
AH01672	6"	Bastard
AH01673	6"	2 nd Cut
AH01674	6"	Smooth
AH01675	8"	Bastard
AH01676	8"	2 nd Cut
AH01677	8"	Smooth

Code No.	lgt	Cut
AH01678	10"	Bastard
AH01679	10"	2 nd Cut
AH01680	10"	Smooth
AH01681	12"	Bastard
AH01682	12"	2 nd Cut
AH01683	12"	Smooth
AH01684	14"	Bastard
AH01685	14"	2 nd Cut
AH01686	14"	Smooth

SOFT METAL HAND FILE



AH02841

Code No.	lgt	Cut
AH02841	8"	Special Cut
AH02842	10"	Special Cut
AH02843	12"	Special Cut

Special tooth construction for use on soft metal, e.g. aluminium, brass, bronze, etc.

SOFT METAL HALF ROUND FILE



AH02844

Code No.	lgt	Cut
AH02844	8"	Special Cut
AH02845	10"	Special Cut
AH02846	12"	Special Cut

Special tooth construction for use on soft metal, e.g. aluminium, brass, bronze, etc.

WOOD RASP HAND FILE



AH02847

Code No.	lgt	Cut
AH02847	6"	Bastard
AH02848	6"	2 nd Cut
AH02849	6"	Smooth
AH02850	8"	Bastard
AH02851	8"	2 nd Cut

Code No.	lgt	Cut
AH02852	8"	Smooth
AH02853	10"	Bastard
AH02854	10"	2 nd Cut
AH02855	10"	Smooth

For wood working. One edge uncut.

WOOD RASP HAL ROUND FILE



AH02856

Code No.	lgt	Cut
AH02856	6"	Bastard
AH02857	6"	2 nd Cut
AH02858	6"	Smooth
AH02859	8"	Bastard
AH02860	8"	2 nd Cut

Code No.	lgt	Cut
AH02861	8"	Smooth
AH02862	10"	Bastard
AH02863	10"	2 nd Cut
AH02864	10"	Smooth

For wood working.

TAPER SAW FILE SLIM

AH02865



EX SLIM

Code No.	lgt	Cut
AH02865	4"	2 nd Cut
AH02866	5"	2 nd Cut
AH02867	6"	2 nd Cut

Code No.	lgt	Cut
AH02870	4"	2 nd Cut
AH02871	5"	2 nd Cut
AH02872	6"	2 nd Cut

Commonly used on different type of saws with 60° angle. Single cut.

BLUNT MILE FILE 2 sq Edges



AH02876

Code No.	lgt	Cut
AH02876	8"	2 nd Cut
AH02877	10"	2 nd Cut

Single cut on sides and edges.

BLUNT MILE FILE 1 round 1 sq Edges



AH02815

Code No.	lgt	Cut
AH02815	6"	2 nd Cut
AH02816	8"	2 nd Cut

Code No.	lgt	Cut
AH02817	10"	2 nd Cut
AH02818	12"	2 nd Cut

For wood working. One edge uncut.

CHAIN SAW FILE



AH02820

Code No.	lgt	Cut
AH02820	4.0mm x 8"	Smooth
AH02821	4.8mm x 8"	Smooth
AH02822	5.6mm x 8"	Smooth

FARMER'S FILE



AH02824

Code No.	lgt	Cut
AH02824	8"	Bastard / Saw File Cut

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HAND TOOLS

UNIVERSAL FILE

AH02826



Code No.	lgt	Cut	Code No.	lgt	Cut
AH02826	8"	Bastard	AH02828	10"	Bastard
AH02827	8"	Smooth	AH02829	10"	Smooth

All purpose file, specially designed for plastic materials but also steels and all non-iron metals.

AH02830



RIFFLER FILE SET (6pcs)

Code No.	lgt	Model
AH02830	150mm	12181
AH02831	180mm	12186

AH02832



RIFFLER FILE SET (12pcs)

Code No.	lgt	Model
AH02832	150mm	12197
AH02833	180mm	12277

KEY FILE (WARDING)

AH02835



Code No.	lgt	Cut
AH02835	5"	2 nd Cut

Specially designed for locksmiths in repairing or filing ward notches in keys. Also suitable for use in narrow spaces.

5-PIECE FILE SET

5-piece file set contains one each of hand, halfround, three-square, square and round. All files are 8" long, second cut, with wooden handles, and are packed in a plastic pouch.

Code No.	lgt	Cut
AH02838	8"	2 nd Cut

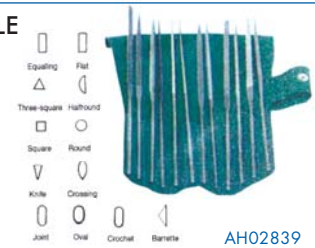


AH02838

PRECISION 12-PIECE NEEDLE FILE

Code No.	lgt	Cut
AH02839	160mm	No.2

12-piece precision needle file set contains one each of different shapes as illustrated. All files are 160mm in length, No. 0 or No. 2 cut, and packed in a plastic pouch. Used mainly by die makers, jewellers, watchmakers and toolmakers.



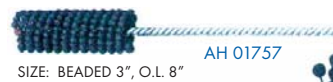
AH02839

6-PIECE NEEDLE FILE SET



AH02840

BRAKE CYLINDER HORN



AH 01757

SIZE: BEADED 3", O.L. 8"

SIZE: BEADED 1/2", O.L. 5-1/2"
AH 01752

Code No.	Model No.	Size	Recommended Working Dia	Grit
AH01752	2480	22	20	180
AH01753	2481	25	22	180
AH01754	2482	29	25	180
AH01755	2483	35	29	180
AH01756	2484	64	54	180
AH01757	2485	79	70	180

Cauton: Wear Safety Glasses. Flex Hones are available in USA and Canada only. Flex-Hones are manufactured by Brusch Research Mfg Co. U.S. Patent No. 3384915-3971139. Handles are made of heat treated alloy steel.

ENGINE CYLINDER FLEX-HONES, HEAVY DUTY

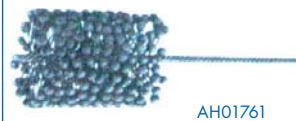


AH01758

Code No.	Model No.	Size	Recommended Working Dia	Grit
AH01758	2486	89	83	120
AH01759	2487	95	89	120
AH01760	2488	105	95	120

Hones engine cylinders 3-1/4" to 4-1/8" (83mm to 105mm) in diameter. Flex-Hones® produce a plateaued finish with a perfect cross-hatch for fast ring seating and better oil retention for longer engine life. Hones life is in excess of 1000 cylinders. No set-up is required. Use variable speed 3/8" electri hand drill. Hone moving the Flex-Hone® up and down in cylinder until desired results are obtained.

ENGINE CYLINDER FLEX-HONES, HEAVY DUTY



AH01761

Code No.	Model No.	Size	Recommended Working Dia	Grit
AH01761	2489	76	70	120
AH01762	2490	82	76	120
AH01763	2491	89	82	120
AH01764	2492	101	89	120
AH01765	2493	114	101	120

Hones engine cylinders 2-3/4" to 4-1/2" (70mm to 114mm) in diameter. Heavy-duty Flex-Hones® deliver the same plateaued finish and long life as standard duty Flex-Hones®

265 BRAKE CYLINDER HONE



AH03051

Hone drum brake wheel cylinders from 13/16 to 2-3/4" (21mm to 69mm) in diameter. Collar prevents stone breakage. Sleeve makes insertion in cylinder easy and protects stones when not in use. Use with variable speed drill. For disc brake honing use No. 2004 Replacement Stone Set. For drum brake honing use No. 266 Replacement Stone Set. Made from heat treated alloy steel. MODEL: 265, Q: 21-69

267 BRAKE CYLINDER HONE



AH03052

Hones brake cylindes from 11/16" to 1" (18mm to 25mm) in diameter. Two-legged hone fits Volkswagen and other small diameter wheel cylinders. Collar prevents stone breakage. Use with variable speed drill. use No. 268 Replacement Stone Set. Made from heat treated alloy steel.

2544 BRAKE CYLINDER HONE



AH03053

Hones drum brake wheel cylinders 13/16" to 2-3/4" (21mm to 69mm) in diameter. Works on cylinders through bore or blind end. Use variable speed drill. For disc brake honing use No. 2004 Replacement Stone Set. For drum brake honing, use No. 266 Replacement Stone Set. Made from heat treated alloy steel.

2833 ENGINE CYLINDER HONE

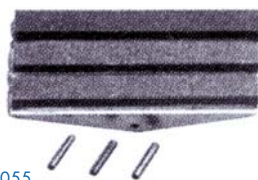


AH03054

Made of heat treated alloy steel.

Code No.	Model No.	Capacity
AH03054	2833	2"-7"

2833 REPLACEMENT STONES



AH03055

Code No.	Model No.	Size	Grit
AH03055	2834	4"	Coarse
AH03056	2835	4"	Medium
AH03057	2836	4"	Fine
AH03058	3156	3"	Coarse
AH03059	3157	3"	Medium
AH03060	3158	3"	Fine

Replacement stones roll pins included with replacement stones

266, 268, 2004 REPLACEMENT STONES



AH03061



AH03062



AH03063

Code No.	for
AH03061	265/2544
AH03062	267
AH03063	265/2544

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HAND TOOLS

MINOR MAGNETS

A bridge-shaped magnet of the horseshoe type.



AH01687

Code No.	Model No.	mm	mm	mm	mm	Unit of pack	Weight each kg	Pull kg
AH01687	E801	22	11.1	7.9	6.4	10	0.02	1.3
Material: Alnico		Supplied with keepers						

POCKET MAGNETS

A conventional one piece horseshoe magnet with both poles in the same plane. A strong, handy, permanent magnet with many uses.



AH01689

Code No.	Model No.	mm	mm	mm	mm	Unit of Pack	Weight each kg	Pull kg
AH01688	E802	22.2	25.4	7.9	6.4	10	0.03	2.4
AH01689	E803	27.0	35.0	15.9	7.9	10	0.09	4.0
Material: Alnico		Supplied with keepers						

CYLINDRICAL MAGNETS

A range of one piece magnets cylindrical in shape with the two poles at opposite ends.

Code No.	Model No.	mm	mm	Unit of Pack	Weight per pair kg
AH01690	E805	20	6	5 pairs	0.02
AH01691	E806	25	8	5 pairs	0.04
AH01692	E807	30	10	5 pairs	0.04
Material: Alcomax III		Supplied in pairs. No keepers			



AH01690

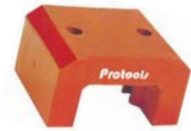
POWER MAGNETS

A square horseshoe magnet characterised by their powerful attracting abilities. Supplied with plain fixing holes for simplicity of jib manufacturer e.g. painting jigs.

Code No.	Model No.	mm	mm	mm	mm	mm	Unit of Pack	Weight each kg	Pull kg
AH01693	811	30	20	20	15	4	5	0.06	4.5
AH01694	812	40	25	25	20	5	5	0.12	9.0
AH01695	813	45	30	30	23	5	5	0.18	11.8
Material: Alcomax II		Supplied with keepers. Max. temp: 550°C							



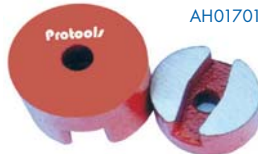
AH01693



AH01696

BUTTON MAGNETS

A cylindrical magnet of the "horseshoe" type. Both poles are at one end of the cylinder, separated by a groove. These magnets are primarily for attracting applications. Supplied with a plain fixing hole.



AH01701

Code No.	Model No.	mm	mm	mm	mm	mm	Unit of Pack	Weight per pair kg	Pull kg
AH01701	E821	12.5	9.5	4	7.2	4.5	10	0.006	0.7
AH01702	E822	19.1	12.7	5.6	8.7	4.8	10	0.02	1.9
AH01703	E823	25.4	15.9	5.6	8.7	4.8	10	0.05	3.4
AH01704	E824	31.8	25.9	8	12.7	7.1	5	0.113	4.8
AH01705	E825	22.2	19.05	6.4	4.8	4.8	10	0.08	3.5
Material: Alnico		Supplied with keepers. Max. temp: 550°C							

SHALLOW POT MAGNETS

Designed for applications where height is too restricted for conventional deep pot magnets.



AH01706

Code No.	Model No.	mm	mm	mm	mm	Unit of Pack	Weight each kg	Pull kg
AH01706	826	19.1	7.75	3.7	6.7	10	0.013	3.4
AH01707	827	28.6	8.7	4.8	8.6	10	0.036	5.0
AH01708	828	38.1	10.6	4.8	8.6	5	0.08	13.0
Material: Magnet-Alcomax III; Pot-mid steel. keeper with each magnet. North polarity in centre.								

POT MAGNETS

A deep cylindrical permanent magnet assembled concentrically in a steel pot. These magnets are primarily for gripping applications.



AH01709

Code No.	Model No.	mm	mm	Standard American	Unit of Pack	Weight each kg	Pull kg
AH01709	829	9.2	15.1		10	1.0	1.0
AH01710	830	12.7	15.9		10	2.0	2.0
AH01711	831	17.5	16		10	0.023	2.75
AH01712	832	20.5	19	Specify UNF	10	0.04	4.0
AH01713	833	27	25	M6 after Cat. No.	5	0.085	6.4
AH01714	834	35	30		5	0.184	14.75
Material: Magnet-Alcomax IV; Pot-mid steel Pot-mid steel; Spacer-aluminium. keeper with each magnet. North polarity in centre. (Max. temp: 220°C).							

RECTANGULAR BAR MAGNETS

AH01715

Code No.	Model No.	mm	mm	mm	Unit of Pack	Weight per pair kg
AH01715	E821	50	15	10	5 pairs	0.15
AH01716	E822	75	15	10	5 pairs	0.21
Material: Alnico		Supplied in pairs between two keepers				
AH01717	E844	20	10	5	5 pairs	0.08
AH01718	E845	40	12.5	5	5 pairs	0.04
AH01719	E846	60	15	5	5 pairs	0.06
Material: Alcomax III		Supplied in pairs. No keepers				
North polarity is indicated by a dimple						



FLEXIBLE MAGNETS

Magnetic strip and tape is a flexible extrusion of Barium Ferrite. It is simply cut or drilled and can be secured easily with adhesive. These magnets are ideal for door closures and sign/not holding. The "soft" material also helps in preventing slippage on vertical surfaces.



AH02873

Code No.	Model No.	mm	mm	mm	Unit of Pack	Notes
AH02873	EM880-R	9.5mm x 3.6mm	3m	5 pairs	Plain	
AH02874	EM884-R	13mm x 0.6mm	1m	5 pairs	Adhesive Backed	
AH02875	EM888-R	9.5mm x 3.6mm	150mm	10 pairs	Adhesive Backed	
All Magnetised "Multiple" on one face. Supplied in retail style packaging only.						

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