

HandPower™

UPWARD TOOL GROUP

Files and Rasps Catalogue



Toll Free
USA and Canada
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Files and Rasps Catalogue

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Terms and Conditions of Sale

Prices

All prices are subject to change without notice and all taxes are extra, where applicable.

Payment Terms

Our terms are NET 30 Days from date of invoice. All past due accounts will be subject to a 2 % monthly service charge. Any past due accounts will automatically be placed on hold at 60 Days from date of invoice.

Shipping Terms

All shipments are F.O.B. Upward Tool Group, Woodbridge, Ontario, Canada. Shipments valued at \$300 NET will be shipped prepaid to one Canadian destination, via the most economical method. Where specified transportation is requested, shipments will be made on a collect basis.

Claims Against Shipments

Any shortages, overages, or damaged merchandise must be reported within 10 days following receipt of shipment.

Returned Goods

All returned goods require prior approval from Upward Tool Group Inc. Returned goods must be new, of current design, and in good resaleable condition. Credit will be issued at original purchase price, less a 15 % restocking charge. Returned goods must have an original purchase date not more than 1 year from return date. All goods must be returned prepaid.

Product Description

Material, finish or specifications on products offered are subject to change, without notice. Illustrations shown are for reference purposes only and actual products may vary.

Warranty

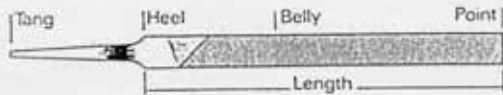
All products sold by Upward Tool Group Inc. are warranted against defects in material and workmanship. Liability under our warranty, expressed or implied, is limited to replacement or repair of defective product. Warranty returns must receive prior approval from Upward Tool Group Inc., and must be returned for inspection prepaid.

WARNING

Tools can break or shatter. It is recommended that safety glasses and other appropriate safety equipment and precautions be utilized at all times during use or in the vicinity of use.

FILE TERMINOLOGY

Length



Length is measured exclusive of tang, from point to heel. Desired stroke length, type of material and its size will determine length required.

Shape



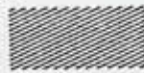
Area to be filed will determine specific cross section-round, square, knife, flat, etc.-to be used.

Coarseness

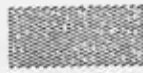
American Pattern



Bastard Cut



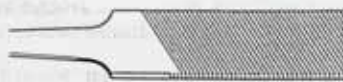
Second Cut



Smooth Cut

Work to be accomplished, roughing or finishing, will determine type of teeth and coarseness for each application. Most American pattern files are available with 3 grades of cut: bastard-cut, second-cut and smooth-cut.

Kinds of teeth



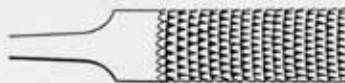
Single-cut

Single set of parallel, diagonal rows of teeth. Single-cut files are often used with light pressure to produce a smooth surface finish or to put a keen edge on knives, shears or saws.



Double-cut

Two sets of diagonal rows of teeth. The second set of teeth is cut in the opposite diagonal direction and on top of the first set. The first set of teeth is known as the overcut while the second is called the upcut. The upcut is finer than the overcut. The double-cut file is used with heavier pressure than the single-cut and removes material faster from the workpiece.



Rasp-cut

Series of individual teeth which are formed by a single-pointed tool. This produces a rough cut that is used primarily on wood, hooves, aluminum and lead.



Flat Files - Bulk

General purpose file used for rapid removal of metal. These files have a rectangular shaped cross-section, tapered in width, with double-cut faces and single-cut edges.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23000	4"	Bastard	10	15/32x7/64
23001		2nd Cut		
23002		Smooth		
23003	6"	Bastard	10	5/8x5/32
23004		2nd Cut		
23005		Smooth		
23009	8"	Bastard	10	13/16x13/64
23010		2nd Cut		
23011		Smooth		
23012	10"	Bastard	10	1x1/4
23013		2nd Cut		
23014		Smooth		
23015	12"	Bastard	5	1.3/16x17/64
23016		2nd Cut		
23017		Smooth		
23018	14"	Bastard	5	1.3/8x5/16
23019		2nd Cut		
23020		Smooth		
23021	16"	Bastard	5	1.9/16x11/32



Flat Files - Pouched

General purpose file used for rapid removal of metal. These files have a rectangular shaped cross-section, tapered in width, with double-cut faces and single-cut edges.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23300	4"	Bastard	1	15/32x7/64
23301		2nd Cut		
23302		Smooth		
23303	6"	Bastard	1	5/8x5/32
23304		2nd Cut		
23305		Smooth		
23309	8"	Bastard	1	13/16x13/64
23310		2nd Cut		
23311		Smooth		
23312	10"	Bastard	1	1x1/4
23313		2nd Cut		
23314		Smooth		
23315	12"	Bastard	1	1.3/16x17/64
23316		2nd Cut		
23317		Smooth		
23318	14"	Bastard	1	1.3/8x5/16
23319		2nd Cut		
23320		Smooth		



Hand Files - Bulk

Similar to flat files used for rapid removal of metal. These files have a rectangular shaped cross-section, parallel in width, with double-cut faces, one single-cut edge and one safe edge.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23050	4"	Bastard	10	15/32x7/64
23051		2nd Cut		
23052		Smooth		
23053	6"	Bastard	10	5/8x5/32
23054		2nd Cut		
23055		Smooth		
23056	8"	Bastard	10	13/16x13/64
23057		2nd Cut		
23058		Smooth		
23059	10"	Bastard	10	1x1/4
23060		2nd Cut		
23061		Smooth		
23062	12"	Bastard	5	1.3/16x17/64
23063		2nd Cut		
23064		Smooth		
23065	14"	Bastard	5	1.3/8x5/16
23066		2nd Cut		
23067		Smooth		



Hand Files - Pouched

Similar to flat files used for rapid removal of metal. These files have a rectangular shaped cross-section, parallel in width, with double-cut faces, one single-cut edge and one safe edge.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23350	4"	Bastard	1	15/32x7/64
23351		2nd Cut		
23352		Smooth		
23353	6"	Bastard	1	5/8x5/32
23354		2nd Cut		
23355		Smooth		
23356	8"	Bastard	1	13/16x13/64
23357		2nd Cut		
23358		Smooth		
23359	10"	Bastard	1	1x1/4
23360		2nd Cut		
23361		Smooth		
23362	12"	Bastard	1	1.3/16x17/64
23363		2nd Cut		
23364		Smooth		
23365	14"	Bastard	1	1.3/8x5/16
23366		2nd Cut		
23367		Smooth		



1/2 Round Files - Bulk

Used for filing concave, convex, and flat surfaces. These files are tapered in width and have one rounded side and one flat side, both double-cut. (Smooth cuts have single-cut backs).

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23030	4"	Bastard	10	7/16x5/32
23031		2nd Cut		
23032		Smooth		
23033	6"	Bastard	10	5/8x3/16
23034		2nd Cut		
23035		Smooth		
23036	8"	Bastard	10	25/32x15/64
23037		2nd Cut		
23038		Smooth		
23039	10"	Bastard	10	31/32x9/32
23040		2nd Cut		
23041		Smooth		
23042	12"	Bastard	5	1.5/32x11/32
23043		2nd Cut		
23044		Smooth		
23045	14"	Bastard	5	1.11/32x13/32
23046		2nd Cut		
23047		Smooth		
23048	16"	Bastard	5	



1/2 Round Files - Pouched

Used for filing concave, convex, and flat surfaces. These files are tapered in width and have one rounded side and one flat side, both double-cut. (Smooth cuts have single-cut backs).

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23330	4"	Bastard	1	7/16x5/32
23331		2nd Cut		
23332		Smooth		
23333	6"	Bastard	1	5/8x3/16
23334		2nd Cut		
23335		Smooth		
23336	8"	Bastard	1	25/32x15/64
23337		2nd Cut		
23338		Smooth		
23339	10"	Bastard	1	31/32x9/32
23340		2nd Cut		
23341		Smooth		
23342	12"	Bastard	1	1.5/32x11/32
23343		2nd Cut		
23344		Smooth		
23345	14"	Bastard	1	1.11/32x13/32
23346		2nd Cut		
23347		Smooth		
23348	16"	Bastard	1	



Round Files - Bulk

Used for filing concave surfaces and circular openings. Round section tapers slightly toward point and comes single-cut up to and including 10" lengths; 12" and over are double-cut.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23080	4"	Bastard	10	5/32
23081		2nd Cut		
23082		Smooth		
23083	6"	Bastard	10	15/64
23084		2nd Cut		
23085		Smooth		
23086	8"	Bastard	10	19/64
23087		2nd Cut		
23088		Smooth		
23089	10"	Bastard	10	11/32
23090		2nd Cut		
23091		Smooth		
23092	12"	Bastard	5	15/32
23093		2nd Cut		
23094		Smooth		
23095	14"	Bastard	5	19/32
23096		2nd Cut		
23097		Smooth		



Round Files - Pouched

Used for filing concave surfaces and circular openings. Round section tapers slightly toward point and comes single-cut up to and including 10" lengths; 12" and over are double-cut.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23380	4"	Bastard	1	5/32
23381		2nd Cut		
23382		Smooth		
23383	6"	Bastard	1	15/64
23384		2nd Cut		
23385		Smooth		
23386	8"	Bastard	1	19/64
23387		2nd Cut		
23388		Smooth		
23389	10"	Bastard	1	11/32
23390		2nd Cut		
23391		Smooth		
23392	12"	Bastard	1	15/32
23393		2nd Cut		
23394		Smooth		
23395	14"	Bastard	1	19/32
23396		2nd Cut		
23397		Smooth		



Square Files - Bulk

These files are generally used for filing slots and keyways. The section tapers slightly towards the point and are double-cut on both sides.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23100	4"	Bastard	10	5/32
23101		2nd Cut		
23102		Smooth		
23103	6"	Bastard	10	15/64
23104		2nd Cut		
23105		Smooth		
23106	8"	Bastard	10	19/64
23107		2nd Cut		
23108		Smooth		
23109	10"	Bastard	10	11/32
23110		2nd Cut		
23111		Smooth		
23112	12"	Bastard	5	15/32
23113		2nd Cut		
23114		Smooth		
23115	14"	Bastard	5	19/32
23116		2nd Cut		
23117		Smooth		



Square Files - Pouched

These files are generally used for filing slots and keyways. The section tapers slightly towards the point and are double-cut on both sides.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23400	4"	Bastard	1	5/32
23401		2nd Cut		
23402		Smooth		
23403	6"	Bastard	1	15/64
23404		2nd Cut		
23405		Smooth		
23406	8"	Bastard	1	19/64
23407		2nd Cut		
23408		Smooth		
23409	10"	Bastard	1	11/32
23410		2nd Cut		
23411		Smooth		
23412	12"	Bastard	1	15/32
23413		2nd Cut		
23414		Smooth		
23415	14"	Bastard	1	19/32
23416		2nd Cut		
23417		Smooth		



3 Square Files - Bulk

Triangular shaped files used to file acute internal angles and sharp corners. The section tapers slightly towards the point and is double-cut on all sides.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	List Price /Pkg	Section Dimensions
23120	4"	Bastard	10	\$46.20	11/32
23121		2nd Cut		\$51.10	
23122		Smooth		\$53.90	
23123	6"	Bastard	10	\$52.20	15/32
23124		2nd Cut		\$59.80	
23125		Smooth		\$63.00	
23126	8"	Bastard	10	\$67.20	19/32
23127		2nd Cut		\$74.20	
23128		Smooth		\$77.00	
23129	10"	Bastard	10	\$93.80	23/32
23130		2nd Cut		\$98.00	
23131		Smooth		\$106.40	
23132	12"	Bastard	5	\$60.90	27/32
23133		2nd Cut		\$63.45	
23134		Smooth		\$68.05	



3 Square Files - Pouched

Triangular shaped files used to file acute internal angles and sharp corners. The section tapers slightly towards the point and is double-cut on all sides.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23420	4"	Bastard	1	11/32
23421		2nd Cut		
23422		Smooth		
23423	6"	Bastard	1	15/32
23424		2nd Cut		
23425		Smooth		
23426	8"	Bastard	1	19/32
23427		2nd Cut		
23428		Smooth		
23429	10"	Bastard	1	23/32
23430		2nd Cut		
23431		Smooth		
23432	12"	Bastard	1	27/32
23433		2nd Cut		
23434		Smooth		



Millsaw Files - 2 Square Edge - bulk

Used for draw-filing and finishing metals; sharpening mill or circular saws. Millsaw files have rectangular shaped cross-sections, tapered in width, and single-cut faces and edges.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23170	6"	Bastard	10	5/8x1/8
23171		2nd Cut		
23172		Smooth		
23173	8"	Bastard	10	13/16x5/32
23174		2nd Cut		
23175		Smooth		
23176	10"	Bastard	10	1x3/16
23177		2nd Cut		
23178		Smooth		
23179	12"	Bastard	5	1.3/16x7/32
23180		2nd Cut		
23181		Smooth		
23182	14"	Bastard	5	1.11/32x1/4
23183		2nd Cut		
23184		Smooth		



Millsaw Files - 2 Square Edge - Pouched

Used for draw-filing and finishing metals; sharpening mill or circular saws. Millsaw files have rectangular shaped cross-sections, tapered in width, and single-cut faces and edges.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23470	6"	Bastard	1	5/8x1/8
23471		2nd Cut		
23472		Smooth		
23473	8"	Bastard	1	13/16x5/32
23474		2nd Cut		
23475		Smooth		
23476	10"	Bastard	1	1x3/16
23477		2nd Cut		
23478		Smooth		
23479	12"	Bastard	1	1.3/16x7/32
23480		2nd Cut		
23481		Smooth		
23482	14"	Bastard	1	1.11/32x1/4
23483		2nd Cut		
23484		Smooth		



Taper Saw Files - Bulk

Extensively used to file saws with 60 degree angle teeth. Taper saw files have a triangular shaped cross-section, tapered in width, with single-cut faces. All edges are set and cut for filing gullets.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23220	4"	Regular	10	11/32
23221		Slim		7/32
23222		X Slim		3/16
23223		XX Slim		5/32
23225	5"	Regular	10	13/32
23226		Slim		9/32
23227		X Slim		7/32
23228		XX Slim		3/16
23230	6"	Regular	10	15/32
23231		Slim		11/32
23232		X Slim		9/32
23233		XX Slim		7/32
23235	7"	Regular	10	17/32
23236		Slim		13/32
23237		X Slim		11/32
23238		XX Slim		1/4
23240	8"	Regular	10	19/32
23241		Slim		15/32
23242		X Slim		13/32
23243		XX Slim		5/16
23245	10"	Regular	10	23/32
23246		Slim		19/32



Taper Saw Files - Pouched

Extensively used to file saws with 60 degree angle teeth. Taper saw files have a triangular shaped cross-section, tapered in width, with single-cut faces. All edges are set and cut for filing gullets.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23520	4"	Regular	1	11/32
23521		Slim		7/32
23522		X Slim		3/16
23523		XX Slim		5/32
23525	5"	Regular	1	13/32
23526		Slim		9/32
23527		X Slim		7/32
23528		XX Slim		3/16
23530	6"	Regular	1	15/32
23531		Slim		11/32
23532		X Slim		9/32
23533		XX Slim		7/32
23535	7"	Regular	1	17/32
23536		Slim		13/32
23537		X Slim		11/32
23538		XX Slim		1/4
23540	8"	Regular	1	19/32
23541		Slim		15/32
23542		X Slim		13/32
23543		XX Slim		5/16
23545	10"	Regular	1	23/32
23546		Slim		19/32



Long Angle Lathe Files - Bulk

Used for fine finishing on lathe work. Long angle lathe files have a rectangular cross-section, tapered in width, with single-cut faces and safe (uncut) edges.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23190	8"	Smooth	10	13/16x13/64
23191	10"	Bastard	10	1x1/4
23192		2nd Cut		
23193		Smooth		
23194	12"	Bastard	5	1.3/16x17/64
23195		2nd Cut		
23196		Smooth		
23197	14"	Bastard	5	1.3/8x5/16
23198		2nd Cut		
23199		Smooth		



Long Angle Lathe Files - Pouched

Used for fine finishing on lathe work. Long angle lathe files have a rectangular cross-section, tapered in width, with single-cut faces and safe (uncut) edges.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23490	8"	Smooth	1	13/16x13/64
23491	10"	Bastard	1	1x1/4
23492		2nd Cut		
23493		Smooth		
23494	12"	Bastard	1	1.3/16x17/64
23495		2nd Cut		
23496		Smooth		
23497	14"	Bastard	1	1.3/8x5/16
23498		2nd Cut		
23499		Smooth		



Knife Files - Bulk

Used primarily to file work having acute angles. Knife files have a wedge shaped cross-section, are tapered in width, and have double-cut faces and single-cut thin edge.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23150	4"	Bastard	10	15/32x7/64
23151		2nd Cut		
23152		Smooth		
23153	6"	Bastard	10	11/16x11/64
23154		2nd Cut		
23155		Smooth		
23156	8"	Bastard	10	7/8x7/32
23157		2nd Cut		
23158		Smooth		
23159	10"	Bastard	10	1.1/32x1/4
23160		2nd Cut		
23161		Smooth		



Knife Files - Pouched

Used primarily to file work having acute angles. Knife files have a wedge shaped cross-section, are tapered in width, and have double-cut faces and single-cut thin edge.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23450	4"	Bastard	1	15/32x7/64
23451		2nd Cut		
23452		Smooth		
23453	6"	Bastard	1	11/16x11/64
23454		2nd Cut		
23455		Smooth		
23456	8"	Bastard	1	7/8x7/32
23457		2nd Cut		
23458		Smooth		
23459	10"	Bastard	1	1.1/32x1/4
23460		2nd Cut		
23461		Smooth		



Warding Files - Bulk

Originally designed to file or repair ward notches in keys, warding files are ideally suited for use in narrow spaces. These files have a rectangular cross-section, tapered width, uniform thickness, double-cut faces and single-cut edges.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23140	4"	Bastard	10	15/32x3/32
23141		2nd Cut		
23142		Smooth		
23143	6"	Bastard	10	5/8x5/64
23144		2nd Cut		
23145		Smooth		
23146	8"	Bastard	10	51/64x7/64
23147		2nd Cut		
23148		Smooth		



Warding Files Pouched

General purpose file used for rapid removal of metal. These files have a rectangular shaped cross-section, tapered in width, with double-cut faces and single-cut edges.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23440	4"	Bastard	1	15/32x3/32
23441		2nd Cut		
23442		Smooth		
23443	6"	Bastard	1	5/8x5/64
23444		2nd Cut		
23445		Smooth		
23446	8"	Bastard	1	51/64x7/64
23447		2nd Cut		
23448		Smooth		



Chainsaw Files - Bulk

Used for filing the gullets of chainsaws. Chainsaw files have circular shaped cross-sections, parallel in width.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23200	8"	Double-cut	10	5/32
23202	8"	Double-cut	10	3/16
23204	8"	Double-cut	10	7/32
23206	8"	Double-cut	10	1/4
23208	8"	Double-cut	10	9/32
23210	8"	Double-cut	10	5/16
23212	8"	Double-cut	10	3/8



Chainsaw Files - Pouched

Used for filing the gullets of chainsaws. Chainsaw files have circular shaped cross-sections, parallel in width.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23500	8"	Double-cut	1	5/32
23502	8"	Double-cut	1	3/16
23504	8"	Double-cut	1	7/32
23506	8"	Double-cut	1	1/4
23508	8"	Double-cut	1	9/32
23510	8"	Double-cut	1	5/16
23512	8"	Double-cut	1	3/8

Handy Files - Bulk

These high quality flat files are suited for a variety of tasks. The molded steel handle is forged as part of the file for durability, **convenience**, and comfort. The files have rectangular cross-sections, and are parallel in width.



Farmer's Friend File - Single cut on both sides, with 2 safe edges.

Part No.	Length	Cut	Qty/Pkg	Overall Length
23581	8"	2nd Cut	10	12"



Axe File - Double cut on one side, single cut on the other, with 2 safe edges.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Overall Length
23583	8"	2nd Cut	10	12"



Handy File - Double cut on one side, single cut on the other, with 1 cut edge and 1 safe edge.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Overall Length
23584	8"	2nd Cut	10	12"

Handy Files - Pouched

These high quality flat files are suited for a variety of tasks. The molded steel handle is forged as part of the file for durability, **convenience**, and comfort. The files have rectangular cross-sections, and are parallel in width.



Farmer's Friend File - Single cut on both sides, with 2 safe edges.

Part No.	Length	Cut	Qty/Pkg	Overall Length
23281	8"	2nd Cut	1	12"



Axe File - Double cut on one side, single cut on the other, with 2 safe edges.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Overall Length
23283	8"	2nd Cut	1	12"



Handy File - Double cut on one side, single cut on the other, with 1 cut edge and 1 safe edge.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Overall Length
23284	8"	2nd Cut	1	12"



1/2 Round Pipeliner Files - Bulk

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23264	12"		5	
23266	14"		5	



1/2 Round Pipeliner Files - Pouched

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23564	12"		1	
23566	14"		1	

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Plastic File Handles - Call for Availability

Part No.	Length	File Capacity	Qty/Pkg	Section Dimensions
23609	#00	n/a	1	n/a
23610	#0	n/a	1	n/a
23611	#1	2" - 4"	1	7/8x3.1/2
23612	#2	4" - 6"	1	1x4
23613	#3	6" - 8"	1	1.1/8x4.1/4
23614	#4	8" - 12"	1	1.1/4x4.1/2
23615	#5	12" - 16"	1	1.3/8x4.3/4
23616	#6	16" - 20"	1	1.1/2x5.3/4
23617	#7	n/a	1	n/a
23618	#8	n/a	1	n/a
23619	#9	n/a	1	n/a
23620	#10	n/a	1	n/a
23621	#11	n/a	1	n/a
23622	#12	n/a	1	n/a



Wooden File Handles

Manufactured from kiln dried, seasoned white birch, these file handles have a securely anchored, tightly wound wire ferrule. Ideal for files, lathe tools and soldering irons.

Part No.	Length	File Capacity	Qty/Pkg	Section Dimensions
23271	#1	2" - 4"	1	7/8x3.1/2
23272	#2	4" - 6"	1	1x4
23273	#3	6" - 8"	1	1.1/8x4.1/4
23274	#4	8" - 12"	1	1.1/4x4.1/2
23275	#5	12" - 16"	1	1.3/8x4.3/4
23276	#6	16" -20"	1	1.1/2x5.3/4

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File Brush

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Part No.	Description	Qty/Pkg
		1



Flat File with Handle

General purpose file used for rapid removal of metal. These files have a rectangular shaped cross-section, tapered in width, with double-cut faces and single-cut edges.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23600	4"	Bastard	1	15/32x7/64
23601		2nd Cut		
23602		Smooth		
23603	6"	Bastard	1	5/8x5/32
23604		2nd Cut		
23605		Smooth		
23609	8"	Bastard	1	13/16x13/64
23610		2nd Cut		
23611		Smooth		
23612	10"	Bastard	1	1x1/4
23613		2nd Cut		
23614		Smooth		
23615	12"	Bastard	1	1.3/16x17/64
23616		2nd Cut		
23617		Smooth		
23618	14"	Bastard	1	1.3/8x5/16
23619		2nd Cut		
23620		Smooth		



Hand File with Handle

Similar to flat files used for rapid removal of metal. These files have a rectangular shaped cross-section, parallel in width, with double-cut faces, one single-cut edge and one safe edge.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23650	4"	Bastard	1	15/32x7/64
23651		2nd Cut		
23652		Smooth		
23653	6"	Bastard	1	5/8x5/32
23654		2nd Cut		
23655		Smooth		
23656	8"	Bastard	1	13/16x13/64
23657		2nd Cut		
23658		Smooth		
23659	10"	Bastard	1	1x1/4
23660		2nd Cut		
23661		Smooth		
23662	12"	Bastard	1	1.3/16x17/64
23663		2nd Cut		
23664		Smooth		
23665	14"	Bastard	1	1.3/8x5/16
23666		2nd Cut		
23667		Smooth		



1/2 Round File with Handle

Used for filing concave, convex, and flat surfaces. These files are tapered in width and have one rounded side and one flat side, both double-cut. (Smooth cuts have single-cut backs).

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23630	4"	Bastard	1	7/16x5/32
23631		2nd Cut		
23632		Smooth		
23633	6"	Bastard	1	5/8x3/16
23634		2nd Cut		
23635		Smooth		
23636	8"	Bastard	1	25/32x15/64
23637		2nd Cut		
23638		Smooth		
23639	10"	Bastard	1	31/32x9/32
23640		2nd Cut		
23641		Smooth		
23642	12"	Bastard	1	1.5/32x11/32
23643		2nd Cut		
23644		Smooth		
23645	14"	Bastard	1	1.11/32x13/32
23646		2nd Cut		
23647		Smooth		



Round File with Handle

Used for filing concave surfaces and circular openings. Round section tapers slightly toward point and comes single-cut up to and including 10" lengths; 12" and over are double-cut.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23680		Bastard		
23681	4"	2nd Cut	1	5/32
23682		Smooth		
23683		Bastard		
23684	6"	2nd Cut	1	15/64
23685		Smooth		
23686		Bastard		
23687	8"	2nd Cut	1	19/64
23688		Smooth		
23689		Bastard		
23690	10"	2nd Cut	1	11/32
23691		Smooth		
23692		Bastard		
23693	12"	2nd Cut	1	15/32
23694		Smooth		
23695		Bastard		
23696	14"	2nd Cut	1	19/32
23697		Smooth		



Square File with Handle

These files are generally used for filing slots and keyways. The section tapers slightly towards the point and are double-cut on both sides.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23700	4"	Bastard	1	5/32
23701		2nd Cut		
23702		Smooth		
23703	6"	Bastard	1	15/64
23704		2nd Cut		
23705		Smooth		
23706	8"	Bastard	1	19/64
23707		2nd Cut		
23708		Smooth		
23709	10"	Bastard	1	11/32
23710		2nd Cut		
23711		Smooth		
23712	12"	Bastard	1	15/32
23713		2nd Cut		
23714		Smooth		
23715	14"	Bastard	1	19/32
23716		2nd Cut		
23717		Smooth		



3 Square File with Handle

Triangular shaped files used to file acute internal angles and sharp corners. The section tapers slightly towards the point and is double-cut on all sides.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23720	4"	Bastard	1	11/32
23721		2nd Cut		
23722		Smooth		
23723	6"	Bastard	1	15/32
23724		2nd Cut		
23725		Smooth		
23726	8"	Bastard	1	19/32
23727		2nd Cut		
23728		Smooth		
23729	10"	Bastard	1	23/32
23730		2nd Cut		
23731		Smooth		
23732	12"	Bastard	1	27/32
23733		2nd Cut		
23734		Smooth		



Millsaw File - 2 Square Edge - with Handle

Used for draw-filing and finishing metals; sharpening mill or circular saws. Millsaw files have rectangular shaped cross-sections, tapered in width, and single-cut faces and edges.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23770	6"	Bastard	1	5/8x1/8
23771		2nd Cut		
23772		Smooth		
23773	8"	Bastard	1	13/16x5/32
23774		2nd Cut		
23775		Smooth		
23776	10"	Bastard	1	1x3/16
23777		2nd Cut		
23778		Smooth		
23779	12"	Bastard	1	1.3/16x7/32
23780		2nd Cut		
23781		Smooth		
23782	14"	Bastard	1	1.11/32x1/4
23783		2nd Cut		
23784		Smooth		



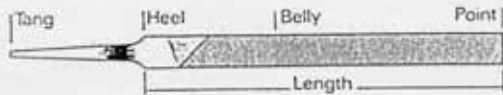
Chainsaw File with Handle

Used for filing the gullets of chainsaws. Chainsaw files have circular shaped cross-sections, parallel in width.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23800	8"	Double-cut	1	5/32
23802	8"	Double-cut	1	3/16
23804	8"	Double-cut	1	7/32
23806	8"	Double-cut	1	1/4
23808	8"	Double-cut	1	9/32

FILE TERMINOLOGY

Length



Length is measured exclusive of tang, from point to heel. Desired stroke length, type of material and its size will determine length required.

Shape



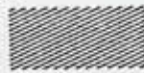
Area to be filed will determine specific cross section-round, square, knife, flat, etc.-to be used.

Coarseness

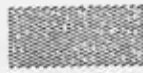
American Pattern



Bastard Cut



Second Cut



Smooth Cut

Work to be accomplished, roughing or finishing, will determine type of teeth and coarseness for each application. Most American pattern files are available with 3 grades of cut: bastard-cut, second-cut and smooth-cut.

Kinds of teeth



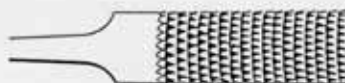
Single-cut

Single set of parallel, diagonal rows of teeth. Single-cut files are often used with light pressure to produce a smooth surface finish or to put a keen edge on knives, shears or saws.



Double-cut

Two sets of diagonal rows of teeth. The second set of teeth is cut in the opposite diagonal direction and on top of the first set. The first set of teeth is known as the overcut while the second is called the upcut. The upcut is finer than the overcut. The double-cut file is used with heavier pressure than the single-cut and removes material faster from the workpiece.



Rasp-cut

Series of individual teeth which are formed by a single-pointed tool. This produces a rough cut that is used primarily on wood, hooves, aluminum and lead.



1/2 Round Wood Rasps - Bulk

Used to file concave, convex as well as flat wood surfaces. These rasps have one side rounded, one side flat, and are tapered in width, with rasp cuts on flats and backs.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23250	8"	Bastard	10	25/32x15/64
23252	10"	Bastard	10	31/32x9/32
23254	12"	Bastard	5	1.5/32x11/32
23256	14"	Bastard	5	1.11/32x13/32



4 IN 1 Rasp - Bulk

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23588	8"	Bastard / Second	10	7/8 x 1/4



1/2 Round Wood Rasps - Pouched

Used to file concave, convex as well as flat wood surfaces. These rasps have one side rounded, one side flat, and are tapered in width, with rasp cuts on flats and backs.

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23550	8"	Bastard	1	25/32x15/64
23552	10"	Bastard	1	31/32x9/32
23554	12"	Bastard	1	1.5/32x11/32
23556	14"	Bastard	1	1.11/32x13/32



4 IN 1 Rasp - Pouched

need description

Part No.	Length	Cut/ Coarseness	Qty/Pkg	Section Dimensions
23288	8"	Bastard/ Second	1	7/8 x 1/4

File Kits - 3 Piece



B - Bastard Cut SC - Second Cut SM - Smooth Cut

4 inch - 3 Piece File Kit

Part No.	4" Flat			4" 1/2 Round			4" Round			4" Square			4" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91100	X	X	X												
91101				X	X	X									
91102							X	X	X						
91103										X	X	X			
91104													X	X	X

4 inch - 3 Piece File Kit

Part No.	4" Flat			4" 1/2 Round			4" Round			4" Square			4" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91110	X			X			X								
91111		X			X			X							
91112			X			X			X						

6 inch - 3 Piece File Kit

Part No.	6" Flat			6" 1/2 Round			6" Round			6" Square			6" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91120	X	X	X												
91121				X	X	X									
91122							X	X	X						
91123										X	X	X			
91124													X	X	X

6 inch - 3 Piece File Kit

Part No.	6" Flat			6" 1/2 Round			6" Round			6" Square			6" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91130	X			X			X								
91131		X			X			X							
91132			X			X			X						

File Kits - 3 Piece



B - Bastard Cut SC - Second Cut SM - Smooth Cut

8 inch - 3 Piece File Kit

Part No.	8" Flat			8" 1/2 Round			8" Round			8" Square			8" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91140	X	X	X												
91141				X	X	X									
91142							X	X	X						
91143										X	X	X			
91144													X	X	X

8 inch - 3 Piece File Kit

Part No.	8" Flat			8" 1/2 Round			8" Round			8" Square			8" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91150	X			X			X								
91151		X			X			X							
91152			X			X			X						

10 inch - 3 Piece File Kit

Part No.	10" Flat			10" 1/2 Round			10" Round			10" Square			10" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91160	X	X	X												
91161				X	X	X									
91162							X	X	X						
91163										X	X	X			
91164													X	X	X

10 inch - 3 Piece File Kit

Part No.	10" Flat			10" 1/2 Round			10" Round			10" Square			10" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91170	X			X			X								
91171		X			X			X							
91172			X			X			X						



File Kits - 3 Piece

B - Bastard Cut SC - Second Cut SM - Smooth Cut

12 inch - 3 Piece File Kit

Part No.	12" Flat			12" 1/2 Round			12" Round			12" Square			12" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91180	X	X	X												
91181				X	X	X									
91182							X	X	X						
91183										X	X	X			
91184													X	X	X

12 inch - 3 Piece File Kit

Part No.	12" Flat			12" 1/2 Round			12" Round			12" Square			12" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91190	X			X			X								
91191		X			X			X							
91192			X			X			X						

14 inch - 3 Piece File Kit

Part No.	14" Flat			14" 1/2 Round			14" Round			14" Square			14" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91200	X	X	X												
91201				X	X	X									
91202							X	X	X						
91203										X	X	X			

14 inch - 3 Piece File Kit

Part No.	14" Flat			14" 1/2 Round			14" Round			14" Square			14" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91210	X			X			X								
91211		X			X			X							
91212			X			X			X						

File Kits - 3 Piece with Handle



B - Bastard Cut SC - Second Cut SM - Smooth Cut

4 inch - 3 Piece File Kit with Handle

Part No.	4" Flat			4" 1/2 Round			4" Round			4" Square			4" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91500	X	X	X												
91501				X	X	X									
91502							X	X	X						
91503										X	X	X			
91504													X	X	X

4 inch - 3 Piece File Kit with Handle

Part No.	4" Flat			4" 1/2 Round			4" Round			4" Square			4" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91510	X			X			X								
91511		X			X			X							
91512			X			X			X						

6 inch - 3 Piece File Kit with Handle

Part No.	6" Flat			6" 1/2 Round			6" Round			6" Square			6" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91520	X	X	X												
91521				X	X	X									
91522							X	X	X						
91523										X	X	X			
91524													X	X	X

6 inch - 3 Piece File Kit with Handle

Part No.	6" Flat			6" 1/2 Round			6" Round			6" Square			6" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91530	X			X			X								
91531		X			X			X							
91532			X			X			X						

File Kits - 3 Piece with Handle



B - Bastard Cut SC - Second Cut SM - Smooth Cut

8 inch - 3 Piece File Kit with Handle

Part No.	8" Flat			8" 1/2 Round			8" Round			8" Square			8" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91540	X	X	X												
91541				X	X	X									
91542							X	X	X						
91543										X	X	X			
91544													X	X	X

8 inch - 3 Piece File Kit with Handle

Part No.	8" Flat			8" 1/2 Round			8" Round			8" Square			8" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91550	X			X			X								
91551		X			X			X							
91552			X			X			X						

10 inch - 3 Piece File Kit with Handle

Part No.	10" Flat			10" 1/2 Round			10" Round			10" Square			10" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91560	X	X	X												
91561				X	X	X									
91562							X	X	X						
91563										X	X	X			
91564													X	X	X

10 inch - 3 Piece File Kit with Handle

Part No.	10" Flat			10" 1/2 Round			10" Round			10" Square			10" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91570	X			X			X								
91571		X			X			X							
91572			X			X			X						

File Kits - 3 Piece with Handle



B - Bastard Cut SC - Second Cut SM - Smooth Cut

12 inch - 3 Piece File Kit with Handle

Part No.	12" Flat			12" 1/2 Round			12" Round			12" Square			12" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91580	X	X	X												
91581				X	X	X									
91582							X	X	X						
91583										X	X	X			
91584													X	X	X

12 inch - 3 Piece File Kit with Handle

Part No.	12" Flat			12" 1/2 Round			12" Round			12" Square			12" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91590	X			X			X								
91591		X			X			X							
91592			X			X			X						

14 inch - 3 Piece File Kit with Handle

Part No.	14" Flat			14" 1/2 Round			14" Round			14" Square			14" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91600	X	X	X												
91601				X	X	X									
91602							X	X	X						
91603										X	X	X			

14 inch - 3 Piece File Kit with Handle

Part No.	14" Flat			14" 1/2 Round			14" Round			14" Square			14" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91610	X			X			X								
91611		X			X			X							
91612			X			X			X						



File Kits - 6 Piece

B - Bastard Cut SC - Second Cut SM - Smooth Cut

4 inch - 6 Piece File Kit

Part No.	4" Flat			4" 1/2 Round			4" Round			4" Square			4" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91250	X		X	X		X		X			X				
91251	X	X	X	X	X	X									
91252	X	X	X							X	X	X			
91253							X		X	X		X	X		X

6 inch - 6 Piece File Kit

Part No.	6" Flat			6" 1/2 Round			6" Round			6" Square			6" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91260	X		X	X		X		X			X				
91261	X	X	X	X	X	X									
91262	X	X	X							X	X	X			
91263							X		X	X		X	X		X

8 inch - 6 Piece File Kit

Part No.	8" Flat			8" 1/2 Round			8" Round			8" Square			8" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91270	X		X	X		X		X			X				
91271	X	X	X	X	X	X									
91272	X	X	X							X	X	X			
91273							X		X	X		X	X		X

10 inch - 6 Piece File Kit

Part No.	10" Flat			10" 1/2 Round			10" Round			10" Square			10" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91280	X		X	X		X		X			X				
91281	X	X	X	X	X	X									
91282	X	X	X							X	X	X			
91283							X		X	X		X	X		X

File Kits - 6 Piece



B - Bastard Cut SC - Second Cut SM - Smooth Cut

12 inch - 6 Piece File Kit

Part No.	12" Flat			12" 1/2 Round			12" Round			12" Square			12" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91290	x		x	x		x		x			x				
91291	x	x	x	x	x	x									
91292	x	x	x							x	x	x			
91293							x		x	x		x	x		x

14 inch - 6 Piece File Kit

Part No.	14" Flat			14" 1/2 Round			14" Round			14" Square			14" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91300	x		x	x		x		x			x				
91301	x	x	x	x	x	x									
91302	x	x	x							x	x	x			

File Kits - 6 Piece



B - Bastard Cut SC - Second Cut SM - Smooth Cut

Mixed Length - 6 Piece File Kit

Part No.	6" Flat	6" 1/2 Rnd	6" Round	8" Flat	8" 1/2 Rnd	8" Round
91310	B X	B X	B X	B X	B X	B X
	8" Flat	8" Round	8" Square	8" 3 Sq	10" Flat	10" 1/2 Rnd
91311	SM X	SC X	SC X	SM X	B X	SC X
	10" Flat	10" Round	10" Square	10" 3 Sq	12" Flat	12" 1/2 Rnd
91312	B X	SC X	SC X	SM X	SC X	B X
	8" Flat	8" 1/2 Rnd	8" Round	10" Flat	10" 1/2 Rnd	10" Round
91313	B X	B X	B X	SM X	SM X	SM X
	12" Flat	12" Round	12" Square	12" 3 Sq	14" Flat	14" 1/2 Rnd
91314	SM X	SC X	B X	B X	SC X	B X

File Kits - 6 Piece with Handle



B - Bastard Cut SC - Second Cut SM - Smooth Cut

4 inch - 6 Piece File Kit with Handle

Part No.	4" Flat			4" 1/2 Round			4" Round			4" Square			4" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91650	X		X	X		X		X			X				
91651	X	X	X	X	X	X									
91652	X	X	X							X	X	X			
91653							X		X	X		X	X		X

6 inch - 6 Piece File Kit with Handle

Part No.	6" Flat			6" 1/2 Round			6" Round			6" Square			6" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91660	X		X	X		X		X			X				
91661	X	X	X	X	X	X									
91662	X	X	X							X	X	X			
91663							X		X	X		X	X		X

8 inch - 6 Piece File Kit with Handle

Part No.	8" Flat			8" 1/2 Round			8" Round			8" Square			8" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91670	X		X	X		X		X			X				
91671	X	X	X	X	X	X									
91672	X	X	X							X	X	X			
91673							X		X	X		X	X		X

10 inch - 6 Piece File Kit with Handle

Part No.	10" Flat			10" 1/2 Round			10" Round			10" Square			10" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91680	X		X	X		X		X			X				
91681	X	X	X	X	X	X									
91682	X	X	X							X	X	X			
91683							X		X	X		X	X		X

File Kits - 6 Piece with Handle



B - Bastard Cut SC - Second Cut SM - Smooth Cut

12 inch - 6 Piece File Kit with Handle

Part No.	12" Flat			12" 1/2 Round			12" Round			12" Square			12" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91690	x		x	x		x		x			x				
91691	x	x	x	x	x	x									
91692	x	x	x							x	x	x			
91693							x		x	x		x	x		x

14 inch - 6 Piece File Kit with Handle

Part No.	14" Flat			14" 1/2 Round			14" Round			14" Square			14" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91700	x		x	x		x		x			x				
91701	x	x	x	x	x	x									
91702	x	x	x							x	x	x			



B - Bastard Cut SC - Second Cut SM - Smooth Cut

Mixed Length - 6 Piece File Kit with Handle

Part No.	6" Flat	6" 1/2 Rnd	6" Round	8" Flat	8" 1/2 Rnd	8" Round
	B	B	B	B	B	B
91710	X	X	X	X	X	X
91711	8" Flat	8" Round	8" Square	8" 3 Sq	10" Flat	10" 1/2 Rnd
	SM	SC	SC	SM	B	SC
	X	X	X	X	X	X
91712	10" Flat	10" Round	10" Square	10" 3 Sq	12" Flat	12" 1/2 Rnd
	B	SC	SC	SM	SC	B
	X	X	X	X	X	X
91713	8" Flat	8" 1/2 Rnd	8" Round	10" Flat	10" 1/2 Rnd	10" Round
	B	B	B	SM	SM	SM
	X	X	X	X	X	X
91714	12" Flat	12" Round	12" Square	12" 3 Sq	14" Flat	14" 1/2 Rnd
	SM	SC	B	B	SC	B
	X	X	X	X	X	X



B - Bastard Cut SC - Second Cut SM - Smooth Cut

4 inch - 9 Piece File Kit

Part No.	4" Flat			4" 1/2 Round			4" Round			4" Square			4" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91350	X	X	X	X	X	X	X	X	X						
91351							X	X	X	X	X	X	X	X	X
91352	X	X	X	X	X	X		X			X			X	

6 inch - 9 Piece File Kit

Part No.	6" Flat			6" 1/2 Round			6" Round			6" Square			6" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91360	X	X	X	X	X	X	X	X	X						
91361							X	X	X	X	X	X	X	X	X
91362	X	X	X	X	X	X		X			X			X	

8 inch - 9 Piece File Kit

Part No.	8" Flat			8" 1/2 Round			8" Round			8" Square			8" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91370	X	X	X	X	X	X	X	X	X						
91371							X	X	X	X	X	X	X	X	X
91372	X	X	X	X	X	X		X			X			X	

10 inch - 9 Piece File Kit

Part No.	10" Flat			10" 1/2 Round			10" Round			10" Square			10" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91380	X	X	X	X	X	X	X	X	X						
91381							X	X	X	X	X	X	X	X	X
91382	X	X	X	X	X	X		X			X			X	

File Kits - 9 Piece



B - Bastard Cut SC - Second Cut SM - Smooth Cut

12 inch - 9 Piece File Kit

Part No.	12" Flat			12" 1/2 Round			12" Round			12" Square			12" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91390	x	x	x	x	x	x	x	x	x						
91391							x	x	x	x	x	x	x	x	x
91392	x	x	x	x	x	x		x			x			x	

14 inch - 9 Piece File Kit

Part No.	14" Flat			14" 1/2 Round			14" Round			14" Square			14" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91400	x	x	x	x	x	x	x	x	x						
91402	x	x	x	x	x	x	x		x		x				



B - Bastard Cut SC - Second Cut SM - Smooth Cut

Mixed Length - 9 Piece File Kit

Part No. 91410

8" Flat	8" 1/2 Rnd	8" Round	10" Flat	10" 1/2 Rnd	10" Round	12" Flat	12" 1/2 Rnd	12" Rnd
B	B	B	SM	SM	SM	B	B	B
X	X	X	X	X	X	X	X	X

Part No. 91411

8" Round	8" Round	8" 1/2 Rnd	10" Flat	10" Flat	10" 1/2 Rnd	12" Flat	12" 1/2 Rnd	12" Rnd
B	SM	B	B	SM	SM	B	B	B
X	X	X	X	X	X	X	X	X

File Kits - 9 Piece with Handle



B - Bastard Cut SC - Second Cut SM - Smooth Cut

4 inch - 9 Piece File Kit with Handle

Part No.	4" Flat			4" 1/2 Round			4" Round			4" Square			4" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91350	X	X	X	X	X	X	X	X	X						
91351							X	X	X	X	X	X	X	X	X
91352	X	X	X	X	X	X		X			X			X	

6 inch - 9 Piece File Kit with Handle

Part No.	6" Flat			6" 1/2 Round			6" Round			6" Square			6" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91360	X	X	X	X	X	X	X	X	X						
91361							X	X	X	X	X	X	X	X	X
91362	X	X	X	X	X	X		X			X			X	

8 inch - 9 Piece File Kit with Handle

Part No.	8" Flat			8" 1/2 Round			8" Round			8" Square			8" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91370	X	X	X	X	X	X	X	X	X						
91371							X	X	X	X	X	X	X	X	X
91372	X	X	X	X	X	X		X			X			X	

10 inch - 9 Piece File Kit with Handle

Part No.	10" Flat			10" 1/2 Round			10" Round			10" Square			10" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91380	X	X	X	X	X	X	X	X	X						
91381							X	X	X	X	X	X	X	X	X
91382	X	X	X	X	X	X		X			X			X	

File Kits - 9 Piece with Handle



B - Bastard Cut SC - Second Cut SM - Smooth Cut

12 inch - 9 Piece File Kit with Handle

Part No.	12" Flat			12" 1/2 Round			12" Round			12" Square			12" 3 Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91790	X	X	X	X	X	X	X	X	X						
91791							X	X	X	X	X	X	X	X	X
91792	X	X	X	X	X	X		X			X			X	

14 inch - 9 Piece File Kit and Handle

Part No.	14" Flat			14" 1/2 Round			14" Round			14" Square		
	B	SC	SM	B	SC	SM	B	SC	SM	B	SC	SM
91800	X	X	X	X	X	X	X	X	X			
91802	X	X	X	X	X	X	X		X		X	

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File Kits - 9 Piece with Handle



B - Bastard Cut SC - Second Cut SM - Smooth Cut

Mixed Length - 9 Piece File Kit with Handle

Part No. 91810

8" Flat	8" 1/2 Rnd	8" Round	10" Flat	10" 1/2 Rnd	10" Round	12" Flat	12" 1/2 Rnd	12" Rnd
B	B	B	SM	SM	SM	B	B	B
X	X	X	X	X	X	X	X	X

Part No. 91811

8" Round	8" Round	8" 1/2 Rnd	10" Flat	10" Flat	10" 1/2 Rnd	12" Flat	12" 1/2 Rnd	12" Rnd
B	SM	B	B	SM	SM	B	B	B
X	X	X	X	X	X	X	X	X

