

1-800-GRAINGER (472-4643)

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## Material-Removing American-Pattern Files and Sets



File Coarseness	File Length without Tang	File Width	Thickness	File Body Finish	Brand	Item No.
<b>Material-Removing Files for General Purpose (Cont.)</b>						
<b>Double-Cut Warding Files</b>						
	4 in	1/2 in	1/16 in	Natural	Westward	102727
		3/16 in	1/16 in	Natural	Westward	26K93
Bastard Cut	6 in	5/8 in	1/16 in	Natural	Simonds	38RK14
		3/4 in	1/16 in	Natural	Westward	102728
	8 in	13/16 in	3/32 in	Natural	Westward	102729
		13/16 in	3/32 in	Natural	Nicholson	1G578
<b>Single-Cut Round Files</b>						
	0 in	—	7/32 in	Natural	Nicholson	1AKA1
	4 in	—	1/8 in	Natural	Nicholson	1AJ29
	8 in	—	9/32 in	Natural	Nicholson	1AKB2
Bastard Cut	10 in	—	11/32 in	Natural	Nicholson	2A498
	12 in	—	15/32 in	Natural	Nicholson	1AKA8
	14 in	—	7/16 in	Natural	Nicholson	13H052
Smooth Cut	0 in	—	7/32 in	Natural	Nicholson	1AKA3
	8 in	—	9/32 in	Natural	Nicholson	1AKA5
	10 in	—	11/32 in	Natural	Nicholson	1AKA7
<b>Single-Cut Triangular Files</b>						
Bastard Cut	6 in	3/8 in	11/32 in	Black Oxide	Simonds	5ZGE5
	4 in	1/4 in	9/32 in	Natural	Nicholson	1G632
		3/8 in	9/32 in	Natural	Nicholson	2A506
		1/2 in	15/32 in	Natural	Nicholson	2A4340
Smooth Cut	6 in	5/16 in	—	Natural	Westward	12F787
		5/16 in	19/64 in	Natural	Nicholson	2A505
	8 in	7/16 in	9/32 in	Natural	Nicholson	2A4337
	10 in	9/16 in	1/2 in	Natural	Nicholson	2A4333
<b>Material-Removing File for Aluminum</b>						
<b>Double-Cut Half-Round Files</b>						
Bastard Cut	8 in	13/16 in	15/64 in	Natural	Westward	102613
	12 in	1 1/16 in	11/32 in	Natural	Westward	102615
<b>Double-Cut Rectangular Files</b>						
	6 in	3/8 in	7/64 in	Natural	Simonds	38RJ76
Smooth Cut	8 in	13/16 in	3/64 in	Natural	Simonds	38RJ77
	10 in	1 in	11/64 in	Natural	Simonds	38RJ78
	12 in	1 1/16 in	7/32 in	Natural	Simonds	38RJ79
<b>Single-Cut Rectangular Files</b>						
	8 in	3/4 in	11/64 in	Natural	Nicholson	24H073
Smooth Cut	10 in	1 in	15/64 in	Natural	Westward	102611
		1 3/16 in	1/4 in	Natural	Westward	102612
	12 in	1 in	21/64 in	Natural	Nicholson	24H074
<b>Material-Removing Files for Wood</b>						
<b>4-in-1 Wood Rasps</b>						
Bastard Cut	8 in	7/8 in	7/32 in	Natural	Westward	1NFV2
	14 in	1 1/2 in	23/64 in	Natural	Westward	102667
<b>Half-Round Wood Rasps</b>						
	0 in	1 1/8 in	5/16 in	Natural	Nicholson	24H311
		1 1/8 in	21/64 in	Natural	Nicholson	24H312
Bastard Cut	8 in	15/16 in	3/16 in	Natural	Westward	102718
	10 in	1 1/8 in	15/64 in	Natural	Westward	102719
	12 in	1 3/8 in	17/64 in	Natural	Westward	102720
Second Cut	10 in	1 1/8 in	15/64 in	Natural	Westward	102722
	12 in	1 3/8 in	17/64 in	Natural	Westward	102723
Smooth Cut	10 in	1 1/8 in	15/64 in	Natural	Westward	102725
	12 in	1 3/8 in	17/64 in	Natural	Westward	102726

No. of Pieces	Files Included	File Coarseness	Face Cut Style	Brand	Item No.
<b>General Purpose File Sets</b>					
<b>Includes Handle: No</b>					
3	6 in Mill, 6 in Round, 6 in Slim Taper, 10 in Flat Round, 10 in Mill Bastard Cut, 6 in Slim Taper, 8 in Mill Bastard Cut, 8 in Mill Smooth Cut	Bastard Cut, Smooth Cut	Single-Cut	Nicholson	24H349 †
5	10 in Flat Bastard Cut, 10 in Flat Bastard Cut, 10 in Rasp Cleaner, 10 in Flat Bastard Cut, 10 in Flat Smooth Cut, 10 in Half Round, 10 in Mill, 10 in Round, 10 in Square, 7 in Slim Taper	Bastard Cut, Smooth Cut	Single-Cut	Nicholson	24H182 †
8	10 in Flat Bastard Cut, 10 in Flat Smooth Cut, 10 in Half Round, 10 in Mill, 10 in Round, 6 in Slim Taper, 8 in 4-in-1 Hand, 8 in Flat, 8 in Half Round	Bastard Cut, Smooth Cut	Double-Cut, Single-Cut	Nicholson	1G476 †
9	10 in Flat Bastard Cut, 10 in Flat Smooth Cut, 10 in Half Round, 10 in Mill, 10 in Round, 6 in Slim Taper, 8 in 4-in-1 Hand, 8 in Flat, 8 in Half Round	Bastard Cut, Smooth Cut	Double-Cut, Single-Cut	Nicholson	6C977 †
<b>Includes Handle: Yes</b>					
3	6 in Half Round Bastard, 6 in Mill Bastard, 6 in Round Bastard	Bastard Cut	Double-Cut, Single-Cut	Westward	1NFK6 †
	8 in Flat, 8 in Half Round, 8 in Round, 8 in Square, 8 in Triangular	Bastard Cut, Smooth Cut	Double-Cut, Single-Cut	Westward	102756 †
5	10 in Flat, 6 in Slim Taper, 8 in Half Round, 8 in Mill, 8 in Round	Bastard Cut	Double-Cut, Single-Cut	Nicholson	31L247 †
	10 in Half Round Bastard, 10 in Mill Bastard, 6 in Slim Taper, 8 in Flat Smooth, 8 in Mill Bastard TSE	Bastard Cut, Smooth Cut	Double-Cut, Single-Cut	Westward	1NFK7 †
	10 in Half Round, 10 in Mill, 6 in Slim Taper, 8 in Flat, 8 in Mill	Bastard Cut	Single-Cut	Nicholson	5LZ88 †
7	10 in Flat Chip-Breaking, 10 in Round Bastard, 12 in Half Round Aluminum File, 14 in Half Round Second Cut, 6 in Mill Bastard, 8 in Handy, 8 in Triangular Second Cut	Bastard Cut	Double-Cut	Simonds	5ZGF1 †
	10 in Flat Bastard Cut, 10 in Flat Smooth Cut, 10 in Half Round, 10 in Mill, 10 in Round, 6 in Slim Taper, 8 in 4-in-1 Hand, 8 in Flat Smooth Cut, 8 in Half Round	Bastard Cut, Smooth Cut	Single-Cut	Nicholson	5LZ87 †
9	10 in Flat Bastard, 10 in Flat Chip-Breaking, 10 in Half Round Bastard, 10 in Half Round Chip-Breaking, 10 in Handy, 10 in Mill Bastard, 10 in Mill Smth, 10 in Round Bastard, 6 in Slim Taper	Bastard Cut	Double-Cut, Single-Cut	Westward	30PA49 †
	10 in Flat Bastard, 10 in Half Round Bastard, 10 in Mill Bastard, 10 in Round Bastard, 12 in Mill Bastard, 6 in Extra Slim Taper, 6 in Slim Taper, 8 in Flat Bastard, 8 in Half Round	Bastard Cut	Double-Cut, Single-Cut	Westward	1NFK8 †
11	10 in Flat, 6 in Flat, 6 in Round, 6 in Three Square, 8 in Flat, 8 in Flat Wood Rasp, 8 in Half Round, 8 in Half Round Wood Rasp, 8 in Round Wood Rasp, 8 in Square	Bastard Cut, Smooth Cut	Double-Cut	Westward	102754 †

\*Handle included. †Includes tool pouch.

## Precision Swiss-Pattern File Information

**Finish Number** specifies the coarseness of a file. Lower numbers indicate coarser files for faster material removal and rougher finishes. Higher numbers indicate finer files for slower material removal and smoother finishes.



## Precision Swiss-Pattern Files

They can file more gradually, leave finer finishes, and are made to more exacting dimensional standards than American-pattern files. Sets include files of different sizes or grits to get the desired amount of material removal.

**Standard Precision Files**—Leave smooth surfaces and fine finishes on workpieces that are too large for or don't require the intricate material removal of needle files.

**Standard Needle Files and Sets**—Slim body allows a focused touch for precision filing applications. They are wider than escapement files so they can file larger surfaces and remove material more quickly.

**Diamond-Coated Escapement Files and Sets**—Have a slimmer body than standard needle files and can perform precise, delicate material removal in tight spaces.

**Diamond-Coated Needle Files and Sets**—The slim body allows a focused touch for precision filing applications. They are wider than escapement files, so they file larger surfaces and remove material more quickly.

File Length without Tang	Finish Number	File Width	Thickness	Brand	Item No.
<b>Standard Precision Files</b>					
<b>Barrette Files</b>					
6 in	0	1 1/16 in	5/32 in	Simonds	38RL30
<b>Equaling Files</b>					
4 in	0	3/8 in	1/16 in	Nicholson	24H189
	2	7/16 in	3/64 in	Simonds	38RL29
6 in	2	1 1/2 in	15/64 in	Nicholson	24H191
<b>Half-Round Files</b>					
4 in	0	3/8 in	3/64 in	Simonds	38RK59
	2	1/2 in	9/64 in	Simonds	38RK94
6 in	2	5/8 in	3/16 in	Simonds	38RK96
	1	13/16 in	15/64 in	Simonds	38RL01
8 in	2	13/16 in	15/64 in	Simonds	38RL02
<b>Knife-Edge Files</b>					
6 in	0	1/2 in	1/16 in	Simonds	38RL24
	1	1/2 in	1/16 in	Simonds	38RL25

File Length without Tang	Finish Number	File Width	Thickness	Brand	Item No.
<b>Pillar Files</b>					
8 in	0	7/8 in	13/64 in	Simonds	38RL27
4 in	4	3/8 in	1/8 in	Nicholson	24H203
	00	3/8 in	5/16 in	Nicholson	24H218
6 in	4	1/2 in	11/64 in	Simonds	38RL12
	0	15/16 in	15/64 in	Simonds	38RL14
10 in	00	1 1/16 in	11/64 in	Nicholson	1F938
<b>Pippin Files</b>					
6 in	0	3/8 in	9/64 in	Simonds	38RL32
<b>Round Files</b>					
4 in	2	1/16 in	1/32 in	Simonds	38RK60
6 in	1	1/4 in	1/4 in	Simonds	38RL05
<b>Square Files</b>					
6 in	0	1/4 in	15/64 in	Simonds	38RL07
	2	1/4 in	15/64 in	Simonds	38RL08
<b>Triangular Files</b>					
6 in	0	3/8 in	3/8 in	Simonds	38RL28

File Length without Tang	Finish Number	File Width	Thickness	Includes Handle	Brand	Item No.
<b>Standard Needle Files</b>						
<b>Barrette</b>						
4 in	0	—	5/32 in	—	Nicholson	24H186
5 1/2 in	0	—	1/8 in	—	Nicholson	24H071
<b>Equaling</b>						
4 in	2	1/8 in	3/64 in	—	Simonds	38RK62
<b>Half Round</b>						
6 1/4 in	0	1/4 in	1/16 in	—	Simonds	38RK78
<b>Rectangular</b>						
5 1/2 in	2	3/8 in	3/64 in	—	Simonds	38RK65
6 1/4 in	2	1/4 in	1/16 in	—	Simonds	38RK77
<b>Round</b>						
6 1/4 in	0	1/8 in	1/16 in	—	Simonds	38RK82
<b>Square</b>						
6 1/4 in	0	1/8 in	1/16 in	—	Simonds	38RK80
<b>Triangular</b>						
6 1/4 in	0	1/4 in	5/32 in	—	Simonds	38RK87
	2	1/4 in	5/32 in	Yes	Simonds	38RK89 *

\* Includes handle.

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