

## SHARPENING STONES

MACHINE USED



### Abrasive Files CONTINUED

#### Triangular Abrasive Files

Triangular Files are used for a variety of deburring, chamfering and radiusing applications including cleaning tap threads, stoning cutting surfaces of milling cutters, lapping honing tools, dies and molds, and putting precision points on center punches.

The India line also offers Tapered Triangles, used by mechanics and tool and die makers to impart the correct edge in the least time.



#### AVAILABILITY

TIER: BETTER

SIZE (L x H)	QTY./ PKG.	QTY./ CASE	SPEC.	PRODUCT #	PART #
<b>Triangular Abrasive Files – Crystolon (Silicon Carbide)</b>					
4 x 1/4	5	5	Fine	FJF114	61463686185
4 x 1/2	5	5	Fine	FJF144	61463686205
<b>Triangular Abrasive Files – Hard Translucent Arkansas</b>					
3 x 1/4	5	5	Ultra Fine	HF113	61463686620
3 x 3/8	5	5	Ultra Fine	HF133	61463686625
3 x 1/2	5	5	Ultra Fine	HF143	61463686630

ALL TRIANGULAR FILES ARE BULK PACKED

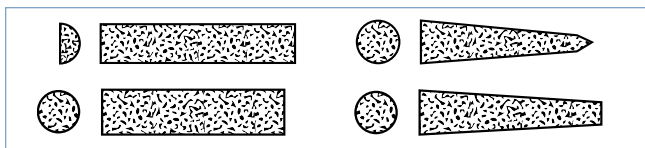
#### Round Abrasive Files

Half Round Files offer both a round and a flat surface for imparting a fine finish on precision machine parts, tools and dies.

Round Files are ideal for deburring, chamfering, radiusing, lapping, honing, cleaning radius tools to a burr-free edge, and dimensioning compound curves on templates.

Round Pointed Files are ideally suited for engravers and die sinkers for stoning difficult recesses on instruments and die tools.

Round Tapered Files are used by craftsmen, woodworkers, and die makers as their unique shape imparts the correct edge quickly.



#### AVAILABILITY

TIER: BETTER

SIZE (L x D)	QTY./ PKG.	QTY./ CASE	SPEC.	PRODUCT #	PART #
<b>Half Round Abrasive Files – India (Aluminum Oxide)</b>					
4 x 1/4	5	5	Medium	MF314	61463686355
	5	5	Fine	FF314	61463686350
4 x 3/8	5	5	Medium	MF334	61463686385
	5	5	Fine	FF334	61463686380
4 x 1/2	5	5	Coarse	CF344	61463686405
	5	5	Medium	MF344	61463686400
	5	5	Fine	FF344	61463686395

ALL HALF-ROUND AND ROUND FILES ARE BULK PACKED

#### AVAILABILITY

TIER: BETTER

SIZE (L x H)	QTY./ PKG.	QTY./ CASE	SPEC.	PRODUCT #	PART #
<b>Triangular Abrasive Files – India (Aluminum Oxide)</b>					
4 x 1/4	5	5	Coarse	CF114	61463686240
	5	5	Medium	MF114	61463686235
	5	5	Fine	FF114	61463686230
4 x 3/8	5	5	Coarse	CF134	61463686255
	5	5	Medium	MF134	61463686250
	5	5	Fine	FF134	61463686245
4 x 1/2	5	5	Coarse	CF144	61463686270
	5	5	Medium	MF144	61463686265
	5	5	Fine	FF144	61463686260
6 x 1/2	5	5	Coarse	CF146	61463686285
	5	5	Medium	MF146	61463686280
	5	5	Fine	FF146	61463686275
6 x 5/8	5	5	Medium	MF156	61463686295
	5	5	Fine	FF156	61463686290
6 x 3/4	5	5	Medium	MF166	61463686310
	5	5	Fine	FF166	61463686305
6 x 1	5	5	Medium	MF176	61463686325
	5	5	Fine	FF176	61463686320
<b>Triangular Tapered Abrasive Files – India (Aluminum Oxide)</b>					
4 x 1/2 x 1/4	5	5	Medium	MF544	61463686685
	5	5	Fine	FF544	61463686680

#### AVAILABILITY

TIER: BETTER

SIZE (L x D)	QTY./ PKG.	QTY./ CASE	SPEC.	PRODUCT #	PART #
<b>Round Abrasive Files – Crystolon (Silicon Carbide)</b>					
4 x 1/4	5	5	Medium	MJF214	61463686430
	5	5	Fine	FJF214	61463686425
4 x 3/8	5	5	Medium	MJF234	61463686440
<b>Round Abrasive Files – India (Aluminum Oxide)</b>					
4 x 1/4	5	5	Coarse	CF214	61463686480
	5	5	Medium	MF214	61463686475
	5	5	Fine	FF214	61463686470
4 x 3/8	5	5	Coarse	CF234	61463686495
	5	5	Medium	MF234	61463686490
	5	5	Fine	FF234	61463686485
4 x 1/2	5	5	Coarse	CF244	61463686510
	5	5	Medium	MF244	61463686505
	5	5	Fine	FF244	61463686500
6 x 1/2	5	5	Coarse	CF246	61463686525
	5	5	Medium	MF246	61463686520
	5	5	Fine	FF246	61463686515
6 x 5/8	5	5	Medium	MF256	61463686535
6 x 3/4	5	5	Medium	MF266	61463686550
6 x 1	5	5	Medium	MF276	61463686565
<b>Round Abrasive Files – Hard Translucent Arkansas</b>					
3 x 1/4	5	5	Ultra Fine	HF813	61463686800
<b>Round Pointed Abrasive Files – India (Aluminum Oxide)</b>					
3 x 5/16 Base	5	5	Coarse	CF723	61463686750
	5	5	Medium	MF723	61463686745
	5	5	Fine	FF723	61463686740
<b>Round Pointed Abrasive Files – Hard Translucent Arkansas</b>					
3 x 1/4 Base	5	5	Ultra Fine	HF863	61463686825
<b>Round Tapered Abrasive Files – India (Aluminum Oxide)</b>					
4 x 1/2 x 1/4	5	5	Coarse	CF644	61463686660
	5	5	Medium	MF644	61463686655
	5	5	Fine	FF644	61463686650