

Sharpening Systems *continued*

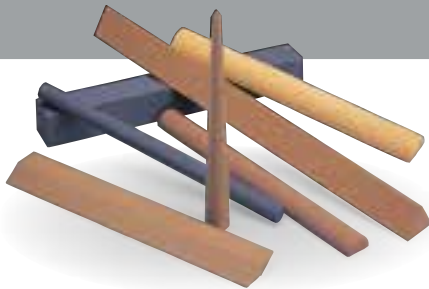
Portable Sharpening Systems *continued*

SIZE	QTY./ CASE	SPEC.	PRODUCT #	PART #
<i>TIER: BETTER</i>				
IM313 Multi-Oilstone Sharpening System				
11-1/2 x 2-1/2 x 1/2	1	1 Coarse Crystolon, 1 Medium Crystolon, and 1 Fine India Stone, 1 Pint Oil, Angle Guide, Reservoir Unit	IM313	614636 85960
IM200 Professional Sharpening System				
8 x 2 x 3/8	1	1 Coarse Crystolon, 1 Medium Crystolon, and 1 Fine India Stone, 4-1/2 oz. Oil, Angle Guide, Reservoir Unit	IM200	614636 91260
IM100 3-in-1 Tool and Knife Sharpening System				
6 x 2 x 1/2	1	1 Coarse Crystolon, 1 Medium Crystolon, and 1 Fine India Stone, 4-1/2 oz. Oil, Reservoir Unit	IM100	614636 85356
IM83 Portable Systems				
8 x 3 x 1/2	1	Oilstones: 1 Coarse Crystolon, 1 Medium India, 1 Fine India, 4-1/2 oz. Oil, Reservoir Carrying Case	IM83-O	662435 82823
8 x 3 x 1	1	Waterstones: 1 ea. of 1000, 4000, 8000 Grit, 1 Flattening Stone, Reservoir Carrying Case	IM83-W	662435 82825

For sharpening system replacement stones: see single grit benchstone charts, or your Norton representative for replacement stones and parts which may be used as replacements or to customize your system.

Abrasive Files

Norton abrasive files hold their shape while imparting the finest, most uniform finish on precision machine parts and in tool and die making. They are ideal for any deburring, chamfering or radiusing job, or for filing delicate parts. Select the file shape that matches the contour of the surface being stoned.



Better choice for any deburring, chamfering or radiusing job, or for filing delicate parts

ABRASIVE FILES

- Crystolon Files – Fast-acting silicon carbide products. Crystolon files are designed for use where moderate tolerances are acceptable, and speed of sharpening is more important than fineness
- India Files – India files are ideal when close tolerance, and strong, keen, long-lasting edges are needed
- Hard Translucent Arkansas Files – Hard Arkansas has an ultra fine grit that produces the finest edge possible while maintaining tolerances unequalled by any other abrasive file. It will also produce a highly polished finish

Square Abrasive Files

Square File applications range from dimensioning keyways to maintain fit, stoning faces on router bits, touching-up edges of reamer teeth, and lapping/honing to close tolerances to produce the finest edge on precision instruments, die work and delicate tools.



SIZE (L x H)	QTY./ CASE	SPEC.	PRODUCT #	PART #
<i>TIER: BETTER</i>				
Square Abrasive Files – Crystolon (Silicon Carbide)				
4 x 1/2	5	Medium	MJF44	614636 86045
	5	Fine	FJF44	614636 86040
Square Abrasive Files – Hard Translucent Arkansas				
3 x 1/4	5	Ultra Fine	HF13	614636 86590
3 x 3/8	5	Ultra Fine	HF33	614636 86595
3 x 1/2	5	Ultra Fine	HF43	614636 86600

All square files are bulk packed

TIER: BETTER

SIZE (L x H)	QTY./ CASE	SPEC.	PRODUCT #	PART #
Square Abrasive Files – India (Aluminum Oxide)				
4 x 1/4	5	Coarse	CF14	614636 86075
	5	Medium	MF14	614636 86070
	5	Fine	FF14	614636 86065
4 x 3/8	5	Coarse	CF34	614636 86090
	5	Medium	MF34	614636 86085
	5	Fine	FF34	614636 86080
4 x 1/2	5	Coarse	CF44	614636 86105
	5	Medium	MF44	614636 86100
	5 V	Medium	MF44-V	662533 25913
	5	Fine	FF44	614636 86095
6 x 1/2	5	Coarse	CF46	614636 86120
	5	Medium	MF46	614636 86115
	5	Fine	FF46	614636 86110
6 x 5/8	5	Medium	MF56	614636 86130
	5	Fine	FF56	614636 86125
6 x 3/4	5	Coarse	CF66	614636 86150
	5	Medium	MF66	614636 86145
	5	Fine	FF66	614636 86140
6 x 1	5	Coarse	CF76	614636 86165
	5	Medium	MF76	614636 86160
	5	Fine	FF76	614636 86155

V = Vendible Package. Ideal for vending machines, small jobs, and carrying to job site. Pre-packed in sturdy boxes of 5 per pack. Order by total number of stones needed in multiples of 5.