

CUMI FILES

Sharp like Abrasives



CARBORUNDUM UNIVERSAL LIMITED

CUMI STEEL FILES



Flat 	GRADE/ SPECIFICATION	LENGTH	100	150	200	250	300	350
	BASTARD / SECOND CUT / SMOOTH	WIDTH	12	16	20	24	28	32
		THICKNESS	2.5	3.5	4	5	6	7
		PACKING	10	10	10	10	5	5

Application: Flat files are double cut and designed for higher pressure & higher stock removals. Suitable for soft and hard materials. For de-burring on Flat surface, edges, sharp corners and for general filing. Superior base material ensure faster cutting and long life.



Half Round 	GRADE/ SPECIFICATION	LENGTH	100	150	200	250	300	350
	BASTARD / SECOND CUT / SMOOTH	WIDTH	12	16	20	24	28	32
		THICKNESS	3.5	4.5	5.5	7	8	9
		PACKING	10	10	10	10	5	5

Application: Half round files are double cut and designed for de-burring on curved surface, large holes, flat surfaces. Suitable for soft and hard materials. Superior base material ensure faster cutting and long life.



Round 	GRADE/ SPECIFICATION	LENGTH	100	150	200	250	300	350
	BASTARD / SECOND CUT / SMOOTH	WIDTH						
		THICKNESS	3.5	5.5	7	8.5	10.5	13.5
		PACKING	10	10	10	10	5	5

Application: Round files are double cut and designed for de-burring holes and curved surface . Suitable for soft and hard materials. Superior base material ensure faster cutting and long life.



Triangle 	GRADE/ SPECIFICATION	LENGTH	100	150	200	250	300	350
	BASTARD / SECOND CUT / SMOOTH	WIDTH	8	11	12.8	15.5	18.5	21
		THICKNESS	8	11	12.8	15.5	18.5	21
		PACKING	10	10	10	10	5	5

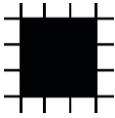
Application: Triangle files are double cut and designed for de-burring inner corners, triangle shapes, angular area, and tapered sharp corner. Suitable for soft and hard materials. Superior base material ensure faster cutting and long life.

All dimensions are in mm

CUMI STEEL FILES



Square



GRADE/ SPECIFICATION	LENGTH	100	150	200	250	300	350
BASTARD / SECOND CUT / SMOOTH	WIDTH	3.5	5.5	7	8.5	10.8	13.8
	THICKNESS	3.5	5.5	7	8.5	10.8	13.8
	PACKING	10	10	10	10	5	5

Application: Square files are double cut and designed for de-burring rectangular corners, Square shapes and flat surface with sharp corner. Suitable for soft and hard materials. Superior base material ensure faster cutting and long life.



Mill



GRADE/ SPECIFICATION	LENGTH		150	200	250	300	350
BASTARD / SECOND CUT / SMOOTH	WIDTH		16	20	24	28	32
	THICKNESS		2.5	3.5	3.5	5	5.5
	PACKING		10	10	10	5	5

Application: Mill files are single cut and designed for sharpening and de-burring of agriculture tools like knives, spades and shovels. Mill files are also used in engineering application, where fine finish is required. Suitable for soft and hard materials. Superior base material ensure faster cutting , better finish and long life.



Slim Taper



GRADE/ SPECIFICATION	LENGTH	100	125	150	200
SINGLE CUT	SECTION	5.5 X 3.5	6.5 X 4.5	8 X 5.5	11.5 X 8
	PACKING	10	10	10	10

Application: Slim taper files are single cut and designed for sharpening of saw tooth and band saws blades with 60°. Suitable for soft and medium hard materials. Superior base material ensure faster cutting , better finish and long life.



Heavy Taper



GRADE/ SPECIFICATION	LENGTH	100	125	150	200
DOUBLE CUT	SECTION	9.5 X 9.5	10.5 X 10.5	12 X 12	15 X 15
	PACKING	10	10	10	10

Application: Heavy taper files are double cut and designed for sharpening of saws with universal tooth designs . Suitable for soft and medium hard materials. Superior base material ensure faster cutting , better finish and long life.

All dimensions are in mm



Needle Files	GRADE/ SPECIFICATION	SHAPES	FLAT	HALF ROUND	ROUND	TRIANGLE	SQUARE	KNIFE
	DOUBLE CUT	WIDTH	3.5	3.5	3.5	3.5	3.5	3.5
		LENGTH	160	160	160	160	160	160
		PACKING	10	10	10	10	10	10

Application: Needle files are double cut and designed for precision jobs, silver & gold articles designs, engraving, moulds finishing, watch makers and for general engineering . Suitable for softer and medium hard materials. Superior base material ensure faster cutting , better finish and long life.



Diamond Needle Files	GRADE/ SPECIFICATION	SHAPES	FLAT	HALF ROUND	ROUND	TRIANGLE	SQUARE	KNIFE
	DIAMOND PLATED	WIDTH	3.5	3.5	3.5	3.5	3.5	3.5
		LENGTH	160	160	160	160	160	160
		PACKING	10	10	10	10	10	10

Application: Diamond Needle files are designed for higher hardness material, non metals like ceramics, glass , fiber glass and hard fibers. Used extensively by die and mould makers, artisans and sculptors. Premium diamonds and Sophisticated diamond plating ensure faster cutting , better finish and long life.

Non Standard	GRADE/ SPECIFICATION	TYPES / SHAPES
	BASTARD / SECOND CUT / SMOOTH	ALUMINUM, FEATHER, EDGE, KNIFE, CHAIN SAW , RASP, BODY & WARDING

Non standard files are available on request.

All dimensions are in mm



Making materials work for man ...

CARBORUNDUM UNIVERSAL LIMITED

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