



Flat

The rectangular, tapered files, cut on four sides, are ideal for working on very small surfaces, cut-outs, geometries, profiles and radii.

Special features:
- Can be used with or without a needle file handle thanks to the forged tang.
- Suitable for use on steels up to 1,200 N/mm².

Profile	Length [mm]	Swiss cut	Tang ø [mm]	Width [mm]	Height [mm]		Item no.	Designation
Flat								
2406	140	0	3	5.1	1.3	12	12505061	2406 140 H0
		1	3	5.1	1.3	12	12505062	2406 140 H1
		2	3	5.1	1.3	12	12505063	2406 140 H2
	160	0	3.25	5.5	1.4	12	12505081	2406 160 H0
		1	3.25	5.5	1.4	12	12505082	2406 160 H1
		2	3.25	5.5	1.4	12	12505083	2406 160 H2
		3	3.25	5.5	1.4	12	12505084	2406 160 H3
	180	00	3.5	6	1.5	12	12505091	2406 180 H00
		0	3.5	6	1.5	12	12505092	2406 180 H0
		2	3.5	6	1.5	12	12505094	2406 180 H2





Hand

The rectangular files, cut on four sides, are ideal for working on very small surfaces, cut-outs, geometries, profiles and radii.

Special features:
- Can be used with or without a needle file handle thanks to the forged tang.
- Suitable for use on steels up to 1,200 N/mm².

Profile	Length [mm]	Swiss cut	Tang ø [mm]	Width [mm]	Height [mm]		Item no.	Designation
Hand								
2401	140	0	3	5.1	1.3	12	12501061	2401 140 H0
		1	3	5.1	1.3	12	12501062	2401 140 H1
		2	3	5.1	1.3	12	12501063	2401 140 H2
		3	3	5.1	1.3	12	12501064	2401 140 H3
	160	0	3.25	5.5	1.4	12	12501081	2401 160 H0
		1	3.25	5.5	1.4	12	12501082	2401 160 H1
		2	3.25	5.5	1.4	12	12501083	2401 160 H2
		3	3.25	5.5	1.4	12	12501084	2401 160 H3
	180	00	3.5	6	1.5	12	12501091	2401 180 H00
		0	3.5	6	1.5	12	12501092	2401 180 H0
		1	3.5	6	1.5	12	12501093	2401 180 H1
		2	3.5	6	1.5	12	12501094	2401 180 H2
	200	00	3.75	6.4	1.6	12	12501101	2401 200 H00
		0	3.75	6.4	1.6	12	12501102	2401 200 H0
		1	3.75	6.4	1.6	12	12501103	2401 200 H1
		2	3.75	6.4	1.6	12	12501104	2401 200 H2

Precision files
Needle files



Crossing oval

The tapered crossing oval files, cut on two sides, are ideal for working on very small surfaces, cut-outs, geometries, profiles and radii.

Special features:
- Can be used with or without a needle file handle thanks to the forged tang.
- Suitable for use on steels up to 1,200 N/mm².

Profile	Length [mm]	Swiss cut	Tang ø [mm]	Width [mm]	Height [mm]		Item no.	Designation
Crossing oval								
2403	140	0	3	4.5	1.8	12	*12504061*	2403 140 H0
		1	3	4.5	1.8	12	12504062	2403 140 H1
		2	3	4.5	1.8	12	12504063	2403 140 H2
	160	0	3.25	5.2	2.3	12	*12504081*	2403 160 H0
		1	3.25	5.2	2.3	12	12504082	2403 160 H1
		2	3.25	5.2	2.3	12	12504083	2403 160 H2
		3	3.25	5.2	2.3	12	12504084	2403 160 H3
	180	0	3.5	5.7	2.5	12	*12504092*	2403 180 H0
		1	3.5	5.7	2.5	12	*12504094*	2403 180 H1
		2	3.5	5.7	2.5	12	12504093	2403 180 H2
2409	180	0	3.5	4	2.9	12	*12510092*	2409 180 H0



Three square

Triangular, tapered files, cut on three sides, are ideal for working on very small surfaces, cut-outs, geometries, profiles and radii.

Special features:
- Can be used with or without a needle file handle thanks to the forged tang.
- Suitable for use on steels up to 1,200 N/mm².

Profile	Length [mm]	Swiss cut	Tang ø [mm]	Width [mm]		Item no.	Designation
Three square							
2407	140	0	3	3.5	12	12508061	2407 140 H0
		1	3	3.5	12	12508062	2407 140 H1
		2	3	3.5	12	12508063	2407 140 H2
		3	3	3.5	12	12508064	2407 140 H3
	160	0	3.25	3.7	12	12508081	2407 160 H0
		1	3.25	3.7	12	12508082	2407 160 H1
		2	3.25	3.7	12	12508083	2407 160 H2
		3	3.25	3.7	12	12508084	2407 160 H3
	180	00	3.5	4.1	12	12508091	2407 180 H00
		0	3.5	4.1	12	12508092	2407 180 H0
		2	3.5	4.1	12	12508093	2407 180 H2
		3	3.5	4.1	12	12508094	2407 180 H3
	200	00	3.75	4.4	12	12508101	2407 200 H00
		0	3.75	4.4	12	12508102	2407 200 H0
		2	3.75	4.4	12	12508103	2407 200 H2
		3	3.75	4.4	12	12508104	2407 200 H3

Discontinued product



Square

Square, tapered files, cut on four sides, are ideal for working on very small surfaces, cut-outs, geometries, profiles and radii.

Special features:
- Can be used with or without a needle file handle thanks to the forged tang.
- Suitable for use on steels up to 1,200 N/mm².

Profile	Length [mm]	Swiss cut	Tang ø [mm]	Width [mm]		Item no.	Designation
Square							
2408	140	0	3	2.4	12	12511061	2408 140 H0
		1	3	2.4	12	12511062	2408 140 H1
		2	3	2.4	12	12511063	2408 140 H2
		3	3	2.4	12	*12511064*	2408 140 H3
	160	0	3.25	2.5	12	12511081	2408 160 H0
		1	3.25	2.5	12	12511082	2408 160 H1
		2	3.25	2.5	12	12511083	2408 160 H2
		3	3.25	2.5	12	12511084	2408 160 H3
	180	00	3.5	2.7	12	12511091	2408 180 H00
		0	3.5	2.7	12	12511092	2408 180 H0
		2	3.5	2.7	12	12511093	2408 180 H2
	200	00	3.75	3	12	12511101	2408 200 H00
		0	3.75	3	12	12511102	2408 200 H0
		2	3.75	3	12	12511103	2408 200 H2



Knives

Triangular, tapered files with knife profile, cut on two sides, are ideal for working on very small surfaces, cut-outs, geometries, profiles and radii.

Special features:
- Can be used with or without a needle file handle thanks to the forged tang.
- Suitable for use on steels up to 1,200 N/mm².

Profile	Length [mm]	Swiss cut	Tang ø [mm]	Width [mm]	Height [mm]		Item no.	Designation
Knife shape								
2405	140	0	3	5.5	1.5	12	*12506061*	2405 140 H0
		1	3	5.5	1.5	12	12506062	2405 140 H1
		2	3	5.5	1.5	12	12506063	2405 140 H2
	160	0	3.25	5.8	1.7	12	12506081	2405 160 H0
		1	3.25	5.8	1.7	12	12506082	2405 160 H1
		2	3.25	5.8	1.7	12	12506083	2405 160 H2
	180	00	3.5	6.2	1.8	12	*12506091*	2405 180 H00
		0	3.5	6.2	1.8	12	*12506092*	2405 180 H0
		2	3.5	6.2	1.8	12	12506093	2405 180 H2

Discontinued product

Round

Round, tapered files with circumferential cut are ideal for working on very small surfaces, cut-outs, geometries, profiles and radii.



Special features:
- Can be used with or without a needle file handle thanks to the forged tang.
- Suitable for use on steels up to 1,200 N/mm².

Profile	Length [mm]	Swiss cut	Tang ø [mm]	Width [mm]		Item no.	Designation
Round							
2410	140	0	3	3	12	12512061	2410 140 H0
		1	3	3	12	12512062	2410 140 H1
		2	3	3	12	12512063	2410 140 H2
		4	3	3	12	12512064	2410 140 H4
	160	0	3.25	3.25	12	12512081	2410 160 H0
		1	3.25	3.25	12	12512082	2410 160 H1
		2	3.25	3.25	12	12512083	2410 160 H2
		4	3.25	3.25	12	12512084	2410 160 H4
	180	00	3.5	3.5	12	12512090	2410 180 H00
		0	3.5	3.5	12	12512091	2410 180 H0
		1	3.5	3.5	12	12512092	2410 180 H1
		2	3.5	3.5	12	12512093	2410 180 H2
		3	3.5	3.5	12	12512094	2410 180 H3
	200	00	3.75	3.75	12	12512100	2410 200 H00
		0	3.75	3.75	12	12512101	2410 200 H0
		1	3.75	3.75	12	12512102	2410 200 H1
		2	3.75	3.75	12	12512103	2410 200 H2
		3	3.75	3.75	12	*12512104*	2410 200 H3

Half-round

Half-round, tapered files, cut on two sides, are ideal for working on very small surfaces, cut-outs, geometries, profiles and radii.

Special features:
- Can be used with or without a needle file handle thanks to the forged tang.
- Suitable for use on steels up to 1,200 N/mm².

Profile	Length [mm]	Swiss cut	Tang ø [mm]	Width [mm]	Height [mm]		Item no.	Designation
Half-round								
2402	140	0	3	5	1.7	12	12509061	2402 140 H0
		1	3	5	1.7	12	12509062	2402 140 H1
		2	3	5	1.7	12	12509063	2402 140 H2
		3	3	5	1.7	12	12509064	2402 140 H3
	160	0	3.25	5.7	1.8	12	12509081	2402 160 H0
		1	3.25	5.7	1.8	12	12509082	2402 160 H1
		2	3.25	5.7	1.8	12	12509083	2402 160 H2
		3	3.25	5.7	1.8	12	12509084	2402 160 H3
	180	00	3.5	6	2	12	12509091	2402 180 H00

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Discontinued product