



Diamond escapement file sets

Diamond escapement file sets are supplied in a sturdy, practical plastic box which protects the tools from damage. This is ideal for keeping in the tool trolley or workbench.

Contents:

Contains one each of the following escapement files: half-round, three square, hand, square and round.

- No chemical wear thanks to the low working temperatures.
- Longer tool life due to harder diamond grain.

Special features:

- Ideal for work on hardened steel.

Grit size		Item no.	Designation
D 25	1	15830903	DF 3090 D 25
D 46	1	15830900	DF 3090 D 46
D 91	1	15830901	DF 3090 D 91
D 126	1	15830902	DF 3090 D 126

Diamond needle files



Diamond needle files, hand

Diamond needle files can be used generally in tool making.

Special features:

- Ideal for work on hardened steel.
- No chemical wear thanks to the low working temperatures.

- Longer tool life due to harder diamond grain.

Profile	Width with coating [mm]	Height with coating [mm]	Total length [mm]	Coating length [mm]	Grit size		Item no.	Designation
Hand, ultra-slim	5.3	1.3	140	70	D 126	1	15102082	DF 4112S D 126
Hand	5.5	1.6	140	70	D 91	1	15101061	DF 4112 D 91
					D 126	1	15101062	DF 4112 D 126
					D 181	1	15101063	DF 4112 D 181



Diamond needle files, hand with rounded edges

Diamond needle files can be used generally in tool making.

Special features:

- Ideal for work on hardened steel.
- No chemical wear thanks to the low working temperatures.

- Longer tool life due to harder diamond grain.

Profile	Width with coating [mm]	Height with coating [mm]	Total length [mm]	Coating length [mm]	Grit size		Item no.	Designation
Hand with round edges	5.5	1.6	140	70	D 91	1	15102061	DF 4112R D 91
					D 126	1	15102062	DF 4112R D 126
					D 181	1	15102063	DF 4112R D 181





Diamond needle files, flat

Diamond needle files can be used generally in tool making.

Special features:

- Ideal for work on hardened steel.
- No chemical wear thanks to the low working temperatures.
- Longer tool life due to harder diamond grain.

Profile	Width with coating [mm]	Height with coating [mm]	Total length [mm]	Coating length [mm]	Grit size		Item no.	Designation
Flat	5.5	1.6	140	70	D 91	1	15103061	DF 4122 D 91
					D 126	1	15103062	DF 4122 D 126
					D 181	1	15103063	DF 4122 D 181



Diamond needle files, three square

Diamond needle files can be used generally in tool making.

Special features:

- Ideal for work on hardened steel.
- No chemical wear thanks to the low working temperatures.
- Longer tool life due to harder diamond grain.

Profile	Width with coating [mm]	Total length [mm]	Coating length [mm]	Grit size		Item no.	Designation
Three square, ultra-slim	2.8	140	70	D 126	1	15104082	DF 4132S D 126
Three square	3.5	140	70	D 91	1	15104061	DF 4132 D 91
				D 126	1	15104062	DF 4132 D 126
				D 181	1	15104063	DF 4132 D 181



Diamond needle files, square

Diamond needle files can be used generally in tool making.

Special features:

- Ideal for work on hardened steel.
- No chemical wear thanks to the low working temperatures.
- Longer tool life due to harder diamond grain.

Profile	Width with coating [mm]	Total length [mm]	Coating length [mm]	Grit size		Item no.	Designation
Square, ultra-slim	2.3	140	70	D 126	1	15105082	DF 4142S D 126
Square	2.6	140	70	D 91	1	15105061	DF 4142 D 91
				D 126	1	15105062	DF 4142 D 126
				D 181	1	15105063	DF 4142 D 181



Diamond needle files, half-round

Diamond needle files can be used generally in tool making.

Special features:

- Ideal for work on hardened steel.
- No chemical wear thanks to the low working temperatures.
- Longer tool life due to harder diamond grain.

Profile	Width with coating [mm]	Height with coating [mm]	Total length [mm]	Coating length [mm]	Grit size		Item no.	Designation
Half-round	5.5	1.6	140	70	D 91	1	15106061	DF 4152 D 91
					D 126	1	15106062	DF 4152 D 126
					D 181	1	15106063	DF 4152 D 181



Diamond needle files, round

Diamond needle files can be used generally in tool making.

Special features:

- Ideal for work on hardened steel.
- No chemical wear thanks to the low working temperatures.
- Longer tool life due to harder diamond grain.

Profile	Width with coating [mm]	Total length [mm]	Coating length [mm]	Grit size		Item no.	Designation
Round, ultra-slim	2.8	140	70	D 126	1	15107082	DF 4162S D 126
Round	3.2	140	70	D 91	1	15107061	DF 4162 D 91
				D 126	1	15107062	DF 4162 D 126
				D 181	1	15107063	DF 4162 D 181



Diamond needle files, knife

Diamond needle files can be used generally in tool making.

Special features:

- Ideal for work on hardened steel.
- No chemical wear thanks to the low working temperatures.
- Longer tool life due to harder diamond grain.

Profile	Width with coating [mm]	Height with coating [mm]	Total length [mm]	Coating length [mm]	Grit size		Item no.	Designation
Knife shape	5	1.8	140	70	D 91	1	15108061	DF 4172 D 91
					D 126	1	15108062	DF 4172 D 126
					D 181	1	15108063	DF 4172 D 181



Diamond needle files, feather edge

Diamond needle files can be used generally in tool making.

Special features:

- Ideal for work on hardened steel.
- No chemical wear thanks to the low working temperatures.
- Longer tool life due to harder diamond grain.

Profile	Width with coating [mm]	Height with coating [mm]	Total length [mm]	Coating length [mm]	Grit size		Item no.	Designation
Feather edge	5	2.4	140	70	D 91	1	15109061	DF 4182 D 91
					D 126	1	15109062	DF 4182 D 126



Diamond needle files, crossing oval

Diamond needle files can be used generally in tool making.

Special features:

- Ideal for work on hardened steel.
- No chemical wear thanks to the low working temperatures.
- Longer tool life due to harder diamond grain.

Profile	Width with coating [mm]	Height with coating [mm]	Total length [mm]	Coating length [mm]	Grit size		Item no.	Designation
Crossing oval shape	5	2.2	140	70	D 91	1	15110061	DF 4192 D 91
					D 126	1	15110062	DF 4192 D 126





Diamond needle files, barrette

Diamond needle files can be used generally in tool making.

Special features:

- Ideal for work on hardened steel.
- No chemical wear thanks to the low working temperatures.

- Longer tool life due to harder diamond grain.

Profile	Width with coating [mm]	Height with coating [mm]	Total length [mm]	Coating length [mm]	Grit size		Item no.	Designation
Barrette shape	5	2	140	70	D 91	1	15100061	DF 4102 D 91
					D 126	1	15100062	DF 4102 D 126



Diamond needle file sets

Diamond needle file sets are supplied in a sturdy, practical plastic box which protects the tools from damage. This is ideal for keeping in the tool trolley or workbench.

Contents:

Contains one each of the following needle files: hand, three square, square, half-round and round.

- Longer tool life due to harder diamond grain.

Special features:

- Ideal for work on hardened steel.
- No chemical wear thanks to the low working temperatures.

Grit size		Item no.	Designation
D 91	1	15842051	DF 4205 D 91
D 126	1	15842052	DF 4205 D 126
D 181	1	15842053	DF 4205 D 181



Diamond needle file sets

Diamond needle file sets are supplied in a sturdy, practical plastic box which protects the tools from damage. This is ideal for keeping in the tool trolley or workbench.

Contents:

Contains one each of the following needle files: hand, hand with round edges, flat, three square, square, half-round, round, knife, feather edge, crossing oval and barrette.

- Longer tool life due to harder diamond grain.

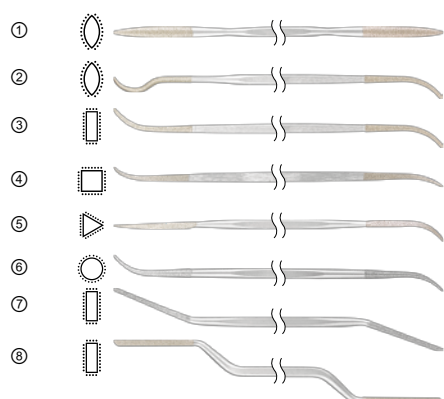
Special features:

- Ideal for work on hardened steel.
- No chemical wear thanks to the low working temperatures.

Grit size		Item no.	Designation
D 91	1	15842111	DF 4211 D 91
D 126	1	15842112	DF 4211 D 126
D 181	1	15842113	DF 4211 D 181

Diamond and CBN tools – electroplated bond

Diamond riffler files



Diamond riffler files

Diamond riffler files are used for work in hard-to-reach areas and on complex geometries. The coating length is 25 mm on both sides of the files.

Special features:

- Ideal for work on hardened steel.
- No chemical wear thanks to the low working temperatures.
- Longer tool life due to harder diamond grain.

Image	Profile	Width with coating [mm]	Height with coating [mm]	Total length [mm]	Double-sided coating length [mm]	Grit size		Item no.	Designation
①	Crossing oval shape	3.2	2	150	25	D 91	1	15215070	DF 15 D 91
						D 126	1	15215100	DF 15 D 126
②	Crossing oval shape	3.7	2	150	25	D 91	1	15216070	DF 16 D 91
						D 126	1	15216100	DF 16 D 126
③	Hand	3.1	3	150	25	D 91	1	15218070	DF 18 D 91
						D 126	1	15218100	DF 18 D 126
④	Square	2.5	2.5	150	25	D 91	1	15220070	DF 20 D 91
						D 126	1	15220100	DF 20 D 126
⑤	Three square	3	-	150	25	D 91	1	15222070	DF 22 D 91
						D 126	1	15222100	DF 22 D 126
⑥	Round	3	-	150	25	D 91	1	15224070	DF 24 D 91
						D 126	1	15224100	DF 24 D 126
⑦	Hand	3.8	1.6	150	25	D 91	1	15209141	DF 914 D 91
						D 126	1	15209142	DF 914 D 126
⑧	Hand	4	2	150	25	D 91	1	15209181	DF 918 D 91
						D 126	1	15209182	DF 918 D 126



Diamond riffler file set

The diamond riffler file set is supplied in a sturdy, practical plastic box which protects the tools from damage. This is ideal for keeping in the tool trolley or workbench.



Contents:

Contains one each of the following riffler files: crossing oval, hand, square, three square, round.

Special features:

- Sturdy plastic box to prevent damage.

Grit size		Item no.	Designation
D 126	1	15816242	DF 1624 D 126



Diamond handy files, hand

Diamond handy files have a forged shank which allows for use without an additional handle.

Special features:

- Ideal for work on hardened steel.
- No chemical wear thanks to the low working temperatures.
- Longer tool life due to harder diamond grain.

Profile	Width with coating [mm]	Height with coating [mm]	Total length [mm]	Coating length [mm]	Grit size		Item no.	Designation
Hand	10.3	2.8	215	100	D 126	1	15430202	DF 2601 D 126
					D 181	1	15430203	DF 2601 D 181



Diamond handy files, half-round

Diamond handy files have a forged shank which allows for use without an additional handle.

Special features:

- Ideal for work on hardened steel.
- No chemical wear thanks to the low working temperatures.
- Longer tool life due to harder diamond grain.

Profile	Width with coating [mm]	Height with coating [mm]	Total length [mm]	Coating length [mm]	Grit size		Item no.	Designation
Half-round	12.5	3.8	215	100	D 126	1	15431202	DF 2602 D 126
					D 181	1	15431203	DF 2602 D 181



Diamond handy files, three square

Diamond handy files have a forged shank which allows for use without an additional handle.

Special features:

- Ideal for work on hardened steel.
- No chemical wear thanks to the low working temperatures.
- Longer tool life due to harder diamond grain.

Profile	Width with coating [mm]	Total length [mm]	Coating length [mm]	Grit size		Item no.	Designation
Three square	10	215	100	D 126	1	15432202	DF 2607 D 126
				D 181	1	15432203	DF 2607 D 181



Diamond handy files, square

Diamond handy files have a forged shank which allows for use without an additional handle.

Special features:

- Ideal for work on hardened steel.
- No chemical wear thanks to the low working temperatures.
- Longer tool life due to harder diamond grain.

Profile	Width with coating [mm]	Height with coating [mm]	Total length [mm]	Coating length [mm]	Grit size		Item no.	Designation
Square	5.5	5.5	215	100	D 126	1	15433202	DF 2608 D 126
					D 181	1	15433203	DF 2608 D 181



Diamond and CBN tools – electroplated bond

Diamond handy files



Diamond handy files, round

Diamond handy files have a forged shank which allows for use without an additional handle.

Special features:

- Ideal for work on hardened steel.
- No chemical wear thanks to the low working temperatures.
- Longer tool life due to harder diamond grain.

Profile	Width with coating [mm]	Total length [mm]	Coating length [mm]	Grit size		Item no.	Designation
Round	6.7	215	100	D 126	1	15434202	DF 2610 D 126
				D 181	1	15434203	DF 2610 D 181



Diamond handy file sets

Diamond handy file sets are supplied in a sturdy, practical plastic box which protects the tools from damage. This is ideal for keeping in the tool trolley or workbench.

Contents:

Contains one each of the following handy files: hand, half-round, three square, square and round.

Special features:

- Ideal for work on hardened steel.
- No chemical wear thanks to the low working temperatures.
- Longer tool life due to harder diamond grain.

Grit size		Item no.	Designation
D 126	1	15826272	DF 2627 D 126
D 181	1	15826273	DF 2627 D 181

Conical diamond files



Conical diamond files

The conical diamond files are used in tool-making for particularly narrow, deep-set contours. The forged shank allows for use without an additional handle.

Special features:

- Ideal for work on hardened steel.
- No chemical wear thanks to the low working temperatures.
- Longer tool life due to harder diamond grain.

Width A [mm]	Thickness B [mm]	Thickness B ₁ [mm]	Total length [mm]	Coating length [mm]	Grit size		Item no.	Designation
4	2	0.5	170	50	D 46	1	15917040	DF-K 170-4-2-0,5 D 46
					D 91	1	15917041	DF-K 170-4-2-0,5 D 91
					D 126	1	15917042	DF-K 170-4-2-0,5 D 126
6	2.4	0.5	170	50	D 46	1	15917060	DF-K 170-6-2,4-0,5 D 46
					D 91	1	15917061	DF-K 170-6-2,4-0,5 D 91
					D 126	1	15917062	DF-K 170-6-2,4-0,5 D 126
8	2.4	0.5	170	50	D 46	1	15917080	DF-K 170-8-2,4-0,5 D 46
					D 91	1	15917081	DF-K 170-8-2,4-0,5 D 91
					D 126	1	15917082	DF-K 170-8-2,4-0,5 D 126
10	2.5	0.5	170	50	D 46	1	15917100	DF-K 170-10-2,5-0,5 D 46
					D 91	1	15917101	DF-K 170-10-2,5-0,5 D 91
					D 126	1	15917102	DF-K 170-10-2,5-0,5 D 126

