

Diamond needle file

Design:

- for dimensionally correct finishing of cuts, dies and press/ extrusion tools made of hardened steel or hard metal
- also suited for glass, ceramics and other hard materials

Note:
Quick-clamping
handle see 4290

Grains:

- D 91** (fine): for finishing, smoothing and final filing
- D 126** (medium): for standard tasks and general use
- D 181** (coarse): Roughing



Item no.	431000 Grit D 91	431050 Grit D 126	431100 Grit D 181	File shape	Width mm	Thickness mm	Total length mm	Trimmed surface length mm	Shank diameter mm
FLACH-STUMPF	●	●	●	hand	5,5	1,6	140	70	3
DREIKANT	●	●	●	three square	3,5	—	140	70	3
VIERKANT	●	●	●	square	2,6	2,6	140	70	3
HALB-RUND	●	●	●	half-round	5,5	1,6	140	70	3
RUND	●	●	●	round	3,2	3,2	140	70	3
MESSER	—	●	—	knife	5	1,8	140	70	3
SCHWERT	●	—	—	feather edge	5	2,4	140	70	3
VOGEL-ZUNGE	●	●	—	crossing oval	5	2,2	140	70	3