

FRAISE-À-CHANFREINER-45°-MD-E25UF-POUR-MICRO-MACHINE · BEVEL-MILLING-CUTTER-45°-SC-E25UF-FOR-MICRO-MACHINE · FASENFRÄSER-45°-HM-E25UF-FÜR-MIKROMASCHINE



SWISS MADE

23730-0.5 Version 11.09.2026

E2

SUBMICRON GRAIN GRADE HIGH-SPEED MACHINING OF ABRASIVE MATERIALS

$\lambda = 0^\circ$
 $\gamma = 8^\circ$

TOOL ANGLES LAMBDA 0° GAMMA 8°



CHAMFER TOOL



SIDE ONLY CUT

MATERIAL COMPATIBILITY

●●● Excellent (3/3) ●● Good (2/3) ●○ Possible (1/3) ○○ Not recommended

Product material compatibility

CATEGORY	MATERIAL	SPECIFICATION	GRP	23730-0.5
Alloyed and non-alloyed steels	Non-alloyed steels	Rm < 450 N/mm²	1a	●○ 1/3
		Rm 450–700 N/mm²	1b	●○ 1/3
		Rm 700–900 N/mm²	1c	●○ 1/3
		Rm > 1200 N/mm²	1d	○○ 0/3
Stainless steels	Stainless steels	Rm < 650 N/mm²	2a	●○ 1/3
		Rm 650–950 N/mm²	2b	●○ 1/3
		Rm > 950 N/mm²	2c	○○ 0/3
Hardened steels	Hardened steels	44–56 HRC	3a	○○ 0/3
		57–67 HRC	3b	○○ 0/3
Exotic materials	Special alloys	< 32 HRC	4a	○○ 0/3
		> 32 HRC	4b	○○ 0/3
Graphite	Industrial graphite		5	●○ 1/3
Cast iron	Grey / nodular cast iron	< 32 HRC	6a	○○ 0/3
		> 32 HRC	6b	○○ 0/3
Titanium	Titanium alloys	Rm < 600 N/mm²	7a	●○ 1/3
		600 < Rm N/mm²	7b	●○ 1/3
Nickel alloys	Inconel, Hastelloy	Rm < 1000 N/mm²	8a	○○ 0/3
		Rm > 1000 N/mm²	8b	○○ 0/3
Copper, brass, bronze	Copper-based	Rm < 850 N/mm²	9a	●●● 3/3
		Rm > 850 N/mm²	9b	●●● 3/3
Aluminum	Aluminum alloys	Si < 0.5%	10a	●●● 3/3
		0.5% < Si < 5%	10b	●●● 3/3
		Si > 5%	10c	○○ 0/3
Synthetic materials	Engineering plastics	Thermoplastic	11a	●●● 3/3
		Thermoset	11b	●●● 3/3
Composite materials	Reinforced composites	Glass fiber / GFK	12a	●○ 1/3
		Carbon fiber / KFK	12b	●○ 1/3
Precious metals	Gold, platinum, silver	Gold	13a	●●● 3/3
		Platinum	13b	○○ 0/3

TECHNICAL DRAWING



DIMENSIONS

NOMINAL DIMENSIONS	
D (0 / -0.01)	0.5 mm
d (h5)	3 mm
L	28 mm
l1	0.2 mm
l3	1.5 mm
d3	–
R	–
e	0.1 mm
Z	3
Chamfer K	–
w° collision angle	10.5°



E-SHOP / EZI CUT
eskenazi.ch/eshop/23730-0.5

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