

MICRO-FRAISE-À-CHANFREINER-45°-POUR-MACHINE-701S-CARBURE-E25UF · BEVEL-MILLING-CUTTER-Z:3-FOR-MACHINE-701S-CARBIDE-E25UF · FASENFRÄSER-45°-Z:3-FÜR-MASCHINE-701S-HM-E25UF



SWISS MADE

24730-1.0 Version 11.09.2026

E25
UF

ULTRAFINE GRADE HIGH-END
GRADE WITH VERY HIGH
HARDNESS AND TOUGHNESS FOR
MICRO-MACHINING

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

TOOL ANGLES LAMBDA 0° GAMMA
8°



CHAMFER TOOL



SIDE ONLY CUT

l3

CUTTING LENGTH

MATERIAL COMPATIBILITY

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

Product material compatibility

CATEGORY	MATERIAL	SPECIFICATION	GRP	24730-1.0
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	●○ 1/3
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	●○ 1/3

TECHNICAL DRAWING



DIMENSIONS

NOMINAL DIMENSIONS	
D (0 / -0.01)	1 mm
d (h5)	6 mm
L	33 mm
l1	33 mm
l3	3 mm
d3	–
R	0.2 mm
e	–
Z	3
Chamfer K	–
w° collision angle	10.5°



E-SHOP / EZI CUT
eskenazi.ch/eshop/24730-1.0

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