

MICRO-FRAISE-À-CHANFREINER-45°-POUR-MACHINE-701S-CARBURE-E25UF-+-REVETEMENT-EZI-ALPHA-3 ·
BEVEL-MILLING-CUTTER-Z:3-FOR-MACHINE-701S-CARBIDE-E25-UF-+-COATING-EZI-ALPHA ·
FASENFRÄSER-45°-Z:3-FÜR-MASCHINE-701S-HM-E25-UF-+-BESCHICHTUNG-EZI-ALPHA



SWISS MADE

24730A-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	24730A-1.0
Alloyed and non-alloyed steels	Non-alloyed steels	Rm < 450 N/mm ²	1a	●●● 3/3
		Rm 450–700 N/mm ²	1b	●●● 3/3
		Rm 700–900 N/mm ²	1c	●●● 3/3
		Rm > 1200 N/mm ²	1d	●●● 3/3
Stainless steels	Stainless steels	Rm < 650 N/mm ²	2a	●●● 3/3
		Rm 650–950 N/mm ²	2b	●●● 3/3
		Rm > 950 N/mm ²	2c	●●● 3/3
Hardened steels	Hardened steels	44–56 HRC	3a	●●○ 2/3
		57–67 HRC	3b	●○○ 1/3
Exotic materials	Special alloys	< 32 HRC	4a	●●○ 2/3
		> 32 HRC	4b	●●○ 2/3
Graphite	Industrial graphite		5	●●● 3/3
Cast iron	Grey / nodular cast iron	< 32 HRC	6a	●●● 3/3
		> 32 HRC	6b	●●● 3/3
Titanium	Titanium alloys	Rm < 600 N/mm ²	7a	●●● 3/3
		600 < Rm N/mm ²	7b	●●● 3/3
Nickel alloys	Inconel, Hastelloy	Rm < 1000 N/mm ²	8a	●●○ 2/3
		Rm > 1000 N/mm ²	8b	●●○ 2/3
Copper, brass, bronze	Copper-based	Rm < 850 N/mm ²	9a	●●○ 2/3
		Rm > 850 N/mm ²	9b	●●○ 2/3
Aluminum	Aluminum alloys	Si < 0.5%	10a	●●○ 2/3
		0.5% < Si < 5%	10b	●●○ 2/3
		Si > 5%	10c	●●● 3/3
Synthetic materials	Engineering plastics	Thermoplastic	11a	●○○ 1/3
		Thermoset	11b	●○○ 1/3
Composite materials	Reinforced composites	Glass fiber / GFK	12a	●●● 3/3
		Carbon fiber / KFK	12b	●●● 3/3
Precious metals	Gold, platinum, silver	Gold	13a	●●○ 2/3
		Platinum	13b	●●○ 2/3

TECHNICAL DRAWING



DIMENSIONS

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



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

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