

FRAISE-À-GRAVER-À-RAYON-MD-E25UF-+-EZI-ALPHA-
POUR-MICRO-MACHINE · ENGRAVING-RADIUS-
ENDMILL-SC-E25UF-+-EZI-ALPHA-FOR-MICRO-MACHINE
· GRAVIERSTICHEL-MIT-RADIUS-HM-E25UF-+-EZI-
ALPHA-FÜR-MIKROMASCHINE



SWISS MADE

23805B-R0.05-40 Version 09.08.2026

0.1
Ø D (MM)

28
L (MM)

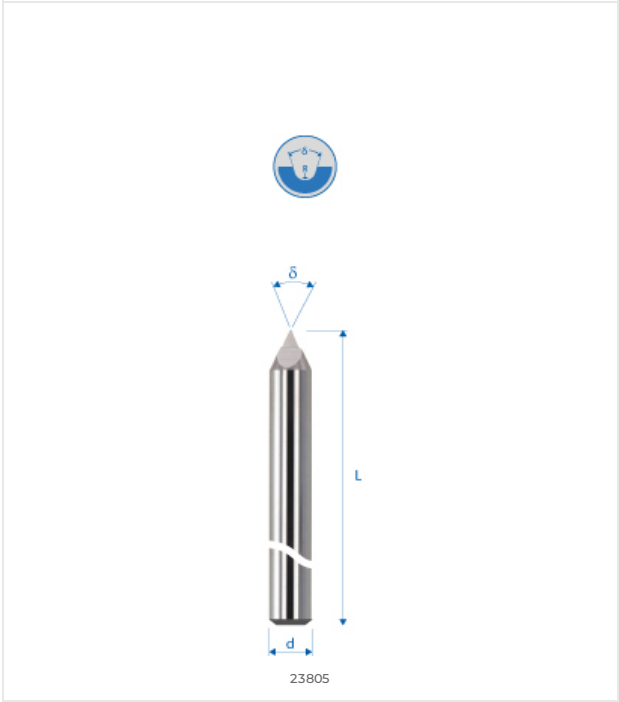
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Z

MATERIAL COMPATIBILITY

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

MATERIAL	SPECIFICATION	GRP	23805B-R0.05-40
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	●●○ 2/3
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	●○○ 1/3
	Rm > 850 N/mm ²	9b	●○○ 1/3
Aluminum Aluminum alloys	Si < 0.5%	10a	●○○ 1/3
	0.5% < Si < 5%	10b	●○○ 1/3
	Si > 5%	10c	●●○ 2/3
Synthetic materials Engineering plastics	Thermoplastic	11a	●○○ 1/3
	Thermoset	11b	●○○ 1/3
Composite materials Reinforced composites	Glass fiber / GFK	12a	●●○ 2/3
	Carbon fiber / KFK	12b	●●○ 2/3
Precious metals Gold, platinum, silver	Gold	13a	●●○ 2/3
	Platinum	13b	●●○ 2/3

TECHNICAL DRAWING



DIMENSIONS

NOMINAL DIMENSIONS	
D (0 / -0.01)	0.1 mm
d (h5)	3 mm
L	28 mm
l1	1.2 mm
l3	–
d3	–
R	0.05 mm
e	–
Z	1
Chamfer K	–
w° collision	11.2°



E-SHOP / EZI CUT
eskenazi.ch/eshop/23805B-R0.05-40

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