

MICRO-FRAISE Z3 · MICRO-ENDMILL Z3 · MICRO-FRÄSER Z3



23038A-1.8 Version 08.08.2026



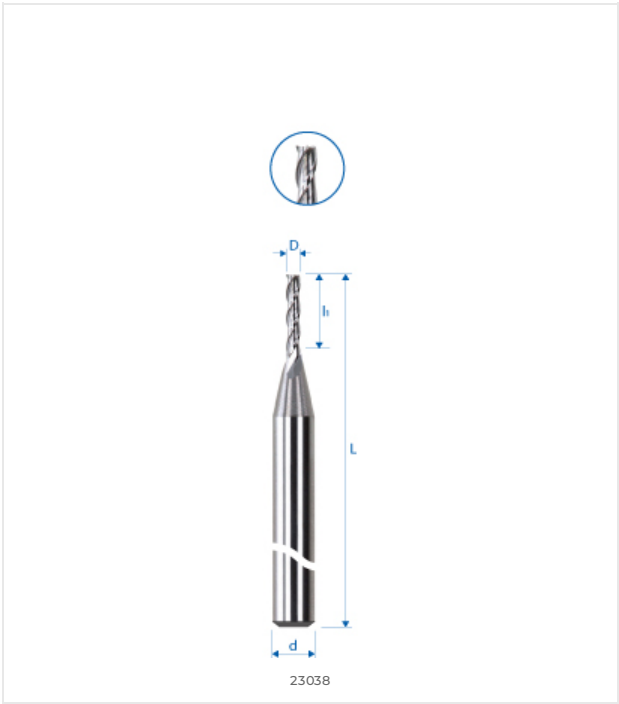
1.8 Ø D (MM)	28 L (MM)	3 Z
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MATERIAL COMPATIBILITY

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

MATERIAL	SPECIFICATION	GRP	23038A-1.8
Alloyed and non-alloyed steels Non-alloyed steels	Rm < 450 N/mm²	1a	●●● 3/3
	Rm 450-700 N/mm²	1b	●●● 3/3
	Rm 700-900 N/mm²	1c	●●● 3/3
	Rm > 1200 N/mm²	1d	●●● 3/3
Stainless steels Stainless steels	Rm < 650 N/mm²	2a	●●● 3/3
	Rm 650-950 N/mm²	2b	●●● 3/3
	Rm > 950 N/mm²	2c	●●● 3/3
Hardened steels Hardened steels	44-56 HRC	3a	○○○ 0/3
	57-67 HRC	3b	○○○ 0/3
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	●●○ 2/3
	> 32 HRC	6b	●●○ 2/3
Titanium Titanium alloys	Rm < 600 N/mm²	7a	●●● 3/3
	600 < Rm N/mm²	7b	●●● 3/3
Nickel alloys Inconel, Hastelloy	Rm < 1000 N/mm²	8a	●●● 3/3
	Rm > 1000 N/mm²	8b	●●● 3/3
Copper, brass, bronze Copper-based	Rm < 850 N/mm²	9a	●○○ 1/3
	Rm > 850 N/mm²	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	○○○ 0/3
	Thermoset	11b	○○○ 0/3
Composite materials Reinforced composites	Glass fiber / GFK	12a	●●○ 2/3
	Carbon fiber / KFK	12b	●●○ 2/3
Precious metals Gold, platinum, silver	Gold	13a	●○○ 1/3
	Platinum	13b	●○○ 1/3

TECHNICAL DRAWING



DIMENSIONS

NOMINAL DIMENSIONS	
D (0 / -0.01)	1.8 mm
d (h5)	3 mm
L	28 mm
l1	9 mm
l3	-
d3	-
R	-
e	-
Z	3
Chamfer K	-
w° collision	3.1°



E-SHOP / EZI CUT
eskenazi.ch/eshop/23038A-1.8