

MICRO-FRAISE-TORIQUE Z3 · TORIC-MICRO-ENDMILL Z3 · TORISCHE-MIKROFRÄSER Z3



21072A-0.4

Version 07.05.2026

SWISS MADE

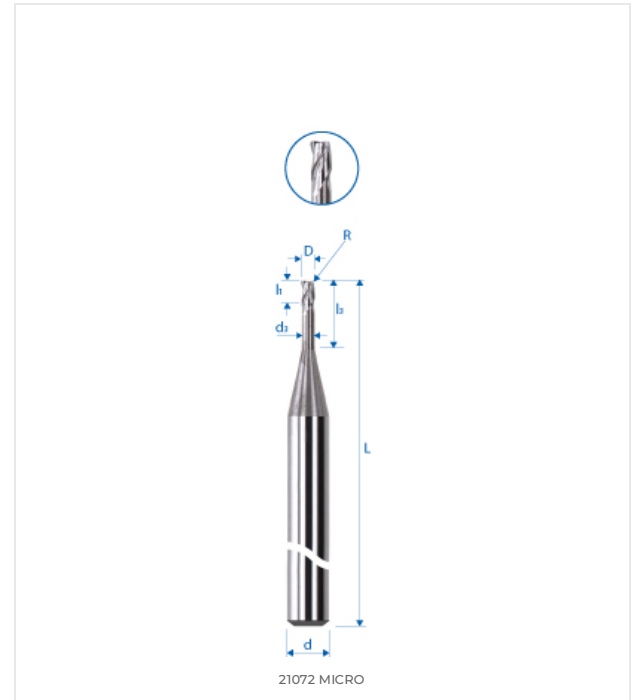
<p>E25 UF</p> <p>CARBIDE TOOL MATERIAL E25 UF</p>	<p>$\lambda=30^{\circ}\text{-}35^{\circ}$ $\gamma=8^{\circ}$</p> <p>CUTTING ANGLES γ30°-35° γ8°</p>	<p>U-SHAPED GROOVE TOOL PROFILE</p>	<p>DUAL DIRECTION HELICAL DRILL BIT</p>	<p>1.5xD</p> <p>1.5XD DEPTH PRECISION TOOL</p>	<p>L3 8xD</p> <p>8XD LENGTH L3 CUTTING TOOL</p>	<p>STANDARD TOOL WEAR INDICATOR</p>	<p>ADJUSTABLE ANGLE ICON</p>	<p>VARIABLE HELIX DRILL BIT</p>
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MATERIAL COMPATIBILITY

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

MATERIAL	SPECIFICATION	GRP	21072A-0.4
Alloyed and non-alloyed steels Non-alloyed steels	Rm < 450 N/mm ²	1a	●●●
	Rm 450–700 N/mm ²	1b	●●●
	Rm 700–900 N/mm ²	1c	●●●
	Rm > 1200 N/mm ²	1d	●●●
Stainless steels Stainless steels	Rm < 650 N/mm ²	2a	●●●
	Rm 650–950 N/mm ²	2b	●●●
	Rm > 950 N/mm ²	2c	●●●
Hardened steels Hardened steels	44–56 HRC	3a	●●○
	57–67 HRC	3b	●○○
Exotic materials Special alloys	< 32 HRC	4a	●●○
	> 32 HRC	4b	●●○
Graphite Industrial graphite		5	●●○
Cast iron Grey / nodular cast iron	< 32 HRC	6a	●●○
	> 32 HRC	6b	●●○
Titanium Titanium alloys	Rm < 600 N/mm ²	7a	●●●
	600 < Rm N/mm ²	7b	●●●
Nickel alloys Inconel, Hastelloy	Rm < 1000 N/mm ²	8a	●●●
	Rm > 1000 N/mm ²	8b	●●●
Copper, brass, bronze Copper-based	Rm < 850 N/mm ²	9a	●○○
	Rm > 850 N/mm ²	9b	●○○
Aluminum Aluminum alloys	Si < 0.5%	10a	●○○
	0.5% < Si < 5%	10b	●○○
	Si > 5%	10c	●●○
Synthetic materials Engineering plastics	Thermoplastic	11a	●●●
	Thermoset	11b	●●●
Composite materials Reinforced composites	Glass fiber / GFK	12a	●●○
	Carbon fiber / KFK	12b	●●○
Precious metals Gold, platinum, silver	Gold	13a	●●○
	Platinum	13b	●●○

TECHNICAL DRAWING



DIMENSIONS

NOMINAL DIMENSIONS	
D (0 / -0.01)	0.4 mm
d (h5)	3 mm
L	38 mm
l1	0.5 mm
l3	2 mm
d3	-
R	0.05 mm
e	-
Z	3
Chamfer K	-
w° collision	10°



E-SHOP / EZI CUT
eskenazi.ch/eshop/21072A-0.4