FRAISE-TORIQUE-MD-E2-+-EZI-ALPHA-+L3-POUR-MATÉRIAUX-DIFFICILES · TORIC-ENDMILL-SC-E2-+-EZI-ALPHA-FOR-DIFFICULT-MATERIALS · TORISCHE-FRÄSER-HM-E2-+-EZI-ALPHA-FÜR-HARTE-WERKSTOFFE

TAKE IT EZI

SWISS MADE

21173A-16-R2.5 Version 07.05.2026

- E2 HIGH PRECISION TOOL MATERIAL
- λ =50° Y =-12° CUTTING ANGLES ?50° ?-12°
- U-SHAPED GROOVE TOOL PROFILE
- DUAL DIRECTION HELICAL DRILL BIT
- l1 1.5xD 1.5XD DEPTH PRECISION TOOL
- l3 THREE-POINT CONTACT TOOL
- STANDARD TOOL WEAR INDICATOR
- ADJUSTABLE ANGLE ICON

MATERIAL COMPATIBILITY

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

MATERIAL	SPECIFICATION	GRP	21173A-16-R2.5
Alloyed and non-alloyed steels Non-alloyed steels	Rm < 450 N/mm²	1a	●○○
	Rm 450–700 N/mm²	1b	●○○
	Rm 700–900 N/mm²	1c	●○○
	Rm > 1200 N/mm²	1d	●●●
Stainless steels Stainless steels	Rm < 650 N/mm²	2a	●○○
	Rm 650–950 N/mm²	2b	●○○
	Rm > 950 N/mm²	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/mm²	7a	●○○
	600 < Rm N/mm²	7b	●○○
Nickel alloys Inconel, Hastelloy	Rm < 1000 N/mm²	8a	●●●
	Rm > 1000 N/mm²	8b	●●●
Copper, brass, bronze Copper-based	Rm < 850 N/mm²	9a	○○○
	Rm > 850 N/mm²	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

21173

DIMENSIONS

NOMINAL DIMENSIONS	
D (0 / -0.01)	16 mm
d (h5)	16 mm
L	92 mm
l1	24 mm
l3	43 mm
d3	–
R	2.5 mm
e	–
Z	4
Chamfer K	-
w° collision	-

E-SHOP / EZI CUT
eskenazi.ch/eshop/21173A-16-R2.5