

# FRAISE-TORIQUE-MD-E2 · TORIC-ENDMILL-MD-E2 · TORISCHE-FRÄSER-HM-E2



21372-10-R1

Version 21.06.2026

SWISS MADE

<b>E2</b> E2 HIGH PRECISION TOOL MATERIAL	$\lambda=32^{\circ}-38^{\circ}$ $Y=10^{\circ}$ ADJUSTABLE CUTTING ANGLES 32°-38°	 HEMISPHERICAL U-GROOVE TOOL	 DUAL DIRECTION HELICAL DRILL BIT	$h$ 2.2xD 2.2XD DEPTH FOR TOOLS	 STANDARD TOOL WEAR INDICATOR	 ADJUSTABLE ANGLE ICON	 VARIABLE HELIX DRILL BIT
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## MATERIAL COMPATIBILITY

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

MATERIAL	SPECIFICATION	GRP	21372-10-R1
<b>Alloyed and non-alloyed steels</b> <small>Non-alloyed steels</small>	Rm < 450 N/mm <sup>2</sup>	1a	●○
	Rm 450–700 N/mm <sup>2</sup>	1b	○○
	Rm 700–900 N/mm <sup>2</sup>	1c	○○
	Rm > 1200 N/mm <sup>2</sup>	1d	○○
<b>Stainless steels</b> <small>Stainless steels</small>	Rm < 650 N/mm <sup>2</sup>	2a	○○
	Rm 650–950 N/mm <sup>2</sup>	2b	○○
	Rm > 950 N/mm <sup>2</sup>	2c	○○
<b>Hardened steels</b> <small>Hardened steels</small>	44–56 HRC	3a	○○
	57–67 HRC	3b	○○
<b>Exotic materials</b> <small>Special alloys</small>	< 32 HRC	4a	○○
	> 32 HRC	4b	○○
<b>Graphite</b> <small>Industrial graphite</small>		5	●○
<b>Cast iron</b> <small>Grey / nodular cast iron</small>	< 32 HRC	6a	○○
	> 32 HRC	6b	○○
<b>Titanium</b> <small>Titanium alloys</small>	Rm < 600 N/mm <sup>2</sup>	7a	●○
	600 < Rm N/mm <sup>2</sup>	7b	●○
<b>Nickel alloys</b> <small>Inconel, Hastelloy</small>	Rm < 1000 N/mm <sup>2</sup>	8a	○○
	Rm > 1000 N/mm <sup>2</sup>	8b	○○
<b>Copper, brass, bronze</b> <small>Copper-based</small>	Rm < 850 N/mm <sup>2</sup>	9a	●●●
	Rm > 850 N/mm <sup>2</sup>	9b	●●●
<b>Aluminum</b> <small>Aluminum alloys</small>	Si < 0.5%	10a	●●○
	0.5% < Si < 5%	10b	●●○
	Si > 5%	10c	○○
<b>Synthetic materials</b> <small>Engineering plastics</small>	Thermoplastic	11a	●●○
	Thermoset	11b	●●○
<b>Composite materials</b> <small>Reinforced composites</small>	Glass fiber / GFK	12a	●○
	Carbon fiber / KFK	12b	●○
<b>Precious metals</b> <small>Gold, platinum, silver</small>	Gold	13a	●●○
	Platinum	13b	○○

## TECHNICAL DRAWING



## DIMENSIONS

NOMINAL DIMENSIONS	
D (0 / -0.01)	10 mm
d (h5)	10 mm
L	72 mm
l1	22 mm
l3	–
d3	–
R	1 mm
e	–
Z	3
Chamfer K	–
w° collision	–



E-SHOP / EZI CUT  
eskenazi.ch/eshop/21372-10-R1

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