FRAISE-PROFIL-ÉBAUCHE-MD-E2-+-AL-EZI-+L3 · ROUGHIN-ENDMILL-SC-E2-+-AL-EZI · SCHAFT-SCHRUPPFRÄSE-HM-E2-+-AL-EZI

22603H-16 Version 07.05.2026

SWISS MADE

E2 HIGH PRECISION TOOL MATERIAL

λ =40° Y =18° CUTTING ANGLES ? 40° ?18°

45° 45° PRECISION ANGLE MEASUREMENT

DUAL DIRECTION HELICAL DRILL BIT

l1 2.2xD 2.2XD DEPTH FOR TOOLS

l3 THREE-POINT CONTACT TOOL

EXTRA LONG PRECISION DRILL BITS

MATERIAL COMPATIBILITY

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

MATERIAL	SPECIFICATION	GRP	22603H-16
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

21603

DIMENSIONS

NOMINAL DIMENSIONS	
D (0 / -0.01)	16 mm
d (h5)	16 mm
L	123 mm
l1	32 mm
l3	74 mm
d3	–
R	–
e	–
Z	3
Chamfer K	0.6
w° collision	-

E-SHOP / EZI CUT
eskenazi.ch/eshop/22603H-16

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