

FRAISE-D'ÉBAUCHE-À-PROFIL-PLAT-MD-E2-+-EZI-ALPHA-+L3 · ROUGHING-ENDMILL-FINE-PROFILE-SC-E2-+-EZI-ALPHA · SCHAFT-SCHRUPPFRÄSER-FEIN-PROFIL-HM-E2-+-EZI-ALPHA



SWISS MADE

22535A-12

Version 21.06.2026

E2 E2 HIGH PRECISION TOOL MATERIAL	$\lambda=45^\circ-47^\circ$ $\gamma=15^\circ$ CUTTING ANGLES ? 45°-47° Y 15°	45° 45° PRECISION ANGLE MEASUREMENT	 DUAL DIRECTION HELICAL DRILL BIT	l_1 2.2xD 2.2XD DEPTH FOR TOOLS	l_3 THREE-POINT CONTACT TOOL	 STANDARD TOOL WEAR INDICATOR	 ADJUSTABLE ANGLE ICON	λ_2 λ_1 VARIABLE HELIX DRILL BIT
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MATERIAL COMPATIBILITY

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

MATERIAL	SPECIFICATION	GRP	22535A-12
Alloyed and non-alloyed steels <small>Non-alloyed steels</small>	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 <small>Stainless steels</small>	Rm < 650 N/mm ²	2a	●●●
	Rm 650-950 N/mm ²	2b	●●●
	Rm > 950 N/mm ²	2c	●●●
Hardened steels <small>Hardened steels</small>	44-56 HRC	3a	○○○
	57-67 HRC	3b	○○○
Exotic materials <small>Special alloys</small>	< 32 HRC	4a	●○○
	> 32 HRC	4b	●○○
Graphite <small>Industrial graphite</small>		5	○○○
Cast iron <small>Grey / nodular cast iron</small>	< 32 HRC	6a	●●●
	> 32 HRC	6b	●●●
Titanium <small>Titanium alloys</small>	Rm < 600 N/mm ²	7a	●●●
	600 < Rm N/mm ²	7b	●●●
Nickel alloys <small>Inconel, Hastelloy</small>	Rm < 1000 N/mm ²	8a	●○○
	Rm > 1000 N/mm ²	8b	●○○
Copper, brass, bronze <small>Copper-based</small>	Rm < 850 N/mm ²	9a	●●●
	Rm > 850 N/mm ²	9b	●●●
Aluminum <small>Aluminum alloys</small>	Si < 0.5%	10a	○○○
	0.5% < Si < 5%	10b	○○○
	Si > 5%	10c	○○○
Synthetic materials <small>Engineering plastics</small>	Thermoplastic	11a	○○○
	Thermoset	11b	○○○
Composite materials <small>Reinforced composites</small>	Glass fiber / GFK	12a	○○○
	Carbon fiber / KFK	12b	○○○
Precious metals <small>Gold, platinum, silver</small>	Gold	13a	●●●
	Platinum	13b	●●○

TECHNICAL DRAWING



DIMENSIONS

NOMINAL DIMENSIONS	
D (0 / -0.01)	12 mm
d (h5)	12 mm
L	83 mm
l1	26 mm
l3	37 mm
d3	-
R	-
e	-
Z	4
Chamfer K	0.4
w° collision	-



E-SHOP / EZI CUT
eskenazi.ch/eshop/22535A-12