FRAISE-À-CHANFREINER-45°-MD-E25UF-+-EZI-ALPHA · BEVEL-MILLING-CUTTER-45°-SC-E2-+-EZI-ALPHA · FASENFRÄSER-45°-HM-E25UF-+-EZI-ALPHA

21730A-0.6 Version 07.05.2026

SWISS MADE

E2	λ =0° Y =8°		
E2 HIGH PRECISION TOOL MATERIAL	TOOL ANGLES LAMBDA 0° GAMMA 8°	V-GROOVE CHAMFER TOOL SHAPE	LATERAL CUTTING TWIST DRILL BIT

MATERIAL COMPATIBILITY

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

MATERIAL	SPECIFICATION	GRP	21730A-0.6
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

21730

DIMENSIONS

NOMINAL DIMENSIONS	
D (0 / -0.01)	0.6 mm
d (h5)	3 mm
L	38 mm
l1	0.25 mm
l3	2 mm
d3	–
R	–
e	0.1 mm
Z	3
Chamfer K	-
w° collision	9.8°

E-SHOP / EZI CUT
eskenazi.ch/eshop/21730A-0.6

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