

FRAISE-MULTI-USAGE-MD-E2+-EZI-ALPHA · MULTI-USE- ENDMILL-SC-E2+-EZI-ALPHA · FRÄSER-MULTI- VERWENDUNG-HM-E2+-EZI-ALPHA



SWISS MADE

21750A-90-6

Version 07.05.2026

E2

E2 HIGH PRECISION
TOOL MATERIAL

$\lambda=35^\circ$

35° LAMBDA CUTTING
ANGLE

90°

90° RIGHT ANGLE DRILL
BIT



DUAL DIRECTION
HELICAL DRILL BIT

h_1
2xD

2XD DRILLING DEPTH
INDICATOR



STANDARD TOOL WEAR
INDICATOR

MATERIAL COMPATIBILITY

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

MATERIAL	SPECIFICATION	GRP	21750A-90-6
Alloyed and non-alloyed steels Non-alloyed steels	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 Stainless steels	Rm < 650 N/mm ²	2a	●●●
	Rm 650-950 N/mm ²	2b	●●●
	Rm > 950 N/mm ²	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/mm ²	7a	●●●
	600 < Rm N/mm ²	7b	●●●
Nickel alloys Inconel, Hastelloy	Rm < 1000 N/mm ²	8a	○○○
	Rm > 1000 N/mm ²	8b	○○○
Copper, brass, bronze Copper-based	Rm < 850 N/mm ²	9a	●●○
	Rm > 850 N/mm ²	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



DIMENSIONS

NOMINAL DIMENSIONS

D (0 / -0.01)	6 mm
d (h5)	6 mm
L	57 mm
l1	12 mm
l3	-
d3	-
R	0.6 mm
e	-
Z	2
Chamfer K	-
w° collision	-



E-SHOP / EZI CUT
eskenazi.ch/eshop/21750A-90-6