

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



SWISS MADE

21602H-10 Version 10.09.2026

E2

SUBMICRON GRAIN
GRADE HIGH-SPEED
MACHINING OF
ABRASIVE MATERIALS

$\lambda = 40^\circ$
 $\gamma = 18^\circ$

VARIABLE HELIX
ANGLES 40° AND
CUTTING ANGLE 18°

45°

CHAMFER AT 45°

SIDE AND CENTER CUT

l_1
2.2xD

CUTTING EDGE
LENGTH 2.2XD

l_3

CUTTING LENGTH

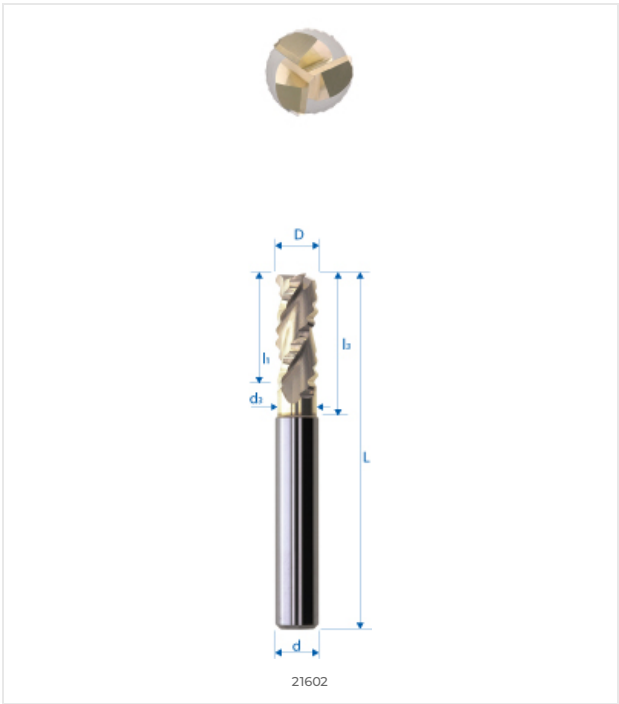
FITTING LENGTH
STANDARD

MATERIAL COMPATIBILITY

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

Product material compatibility				
CATEGORY	MATERIAL	SPECIFICATION	GRP	21602H-10
	Alloyed and non-alloyed steels	Rm < 450 N/mm²	1a	○○○ 0/3
	Non-alloyed steels	Rm 450–700 N/mm²	1b	○○○ 0/3
		Rm 700–900 N/mm²	1c	○○○ 0/3
		Rm > 1200 N/mm²	1d	○○○ 0/3
	Stainless steels	Rm < 650 N/mm²	2a	○○○ 0/3
	Stainless steels	Rm 650–950 N/mm²	2b	○○○ 0/3
		Rm > 950 N/mm²	2c	○○○ 0/3
	Hardened steels	44–56 HRC	3a	○○○ 0/3
	Hardened steels	57–67 HRC	3b	○○○ 0/3
	Exotic materials	< 32 HRC	4a	○○○ 0/3
	Special alloys	> 32 HRC	4b	○○○ 0/3
	Graphite		5	○○○ 0/3
	Industrial graphite			
	Cast iron	< 32 HRC	6a	○○○ 0/3
	Grey / nodular cast iron	> 32 HRC	6b	○○○ 0/3
	Titanium	Rm < 600 N/mm²	7a	○○○ 0/3
	Titanium alloys	600 < Rm N/mm²	7b	○○○ 0/3
	Nickel alloys	Rm < 1000 N/mm²	8a	○○○ 0/3
	Inconel, Hastelloy	Rm > 1000 N/mm²	8b	○○○ 0/3
	Copper, brass, bronze	Rm < 850 N/mm²	9a	●●● 3/3
	Copper-based	Rm > 850 N/mm²	9b	●●● 3/3
	Aluminum	Si < 0.5%	10a	●●● 3/3
	Aluminum alloys	0.5% < Si < 5%	10b	●●● 3/3
		Si > 5%	10c	●●○ 2/3
	Synthetic materials	Thermoplastic	11a	○○○ 0/3
	Engineering plastics	Thermoset	11b	○○○ 0/3
	Composite materials	Glass fiber / GFK	12a	○○○ 0/3
	Reinforced composites	Carbon fiber / KFK	12b	○○○ 0/3
	Precious metals	Gold	13a	○○○ 0/3
	Gold, platinum, silver	Platinum	13b	○○○ 0/3

TECHNICAL DRAWING



DIMENSIONS

NOMINAL DIMENSIONS	
D (0 / -0.01)	10 mm
d (h5)	10 mm
L	72 mm
l1	22 mm
l3	31 mm
d3	–
R	–
e	–
Z	3
Chamfer K	0.6
w° collision angle	–



E-SHOP / EZI CUT
eskenazi.ch/eshop/21602H-10

