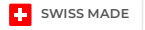


# FORET-2-LÈVRES-MD-E25UF · 3-FLUTES-DRILL-SC-E25-UF · ZWEI-LIPPEN-BOHRER-HM-E25-UF



48401-0.80

Version 07.05.2026



E25  
UF

CARBIDE TOOL MATERIAL E25 UF

$\lambda = 20^\circ$

20° LAMBDA CUTTING ANGLE

90°

90° RIGHT ANGLE DRILL BIT



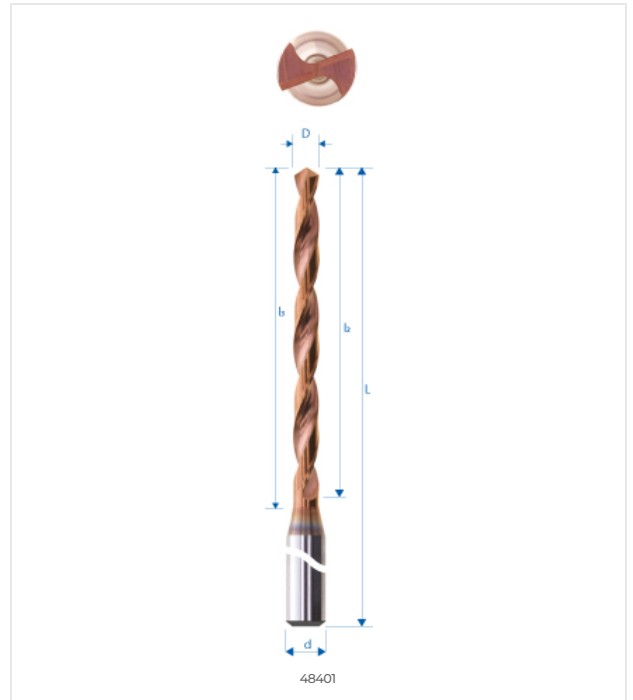
TOOL LENGTH MEASUREMENT BARS

## MATERIAL COMPATIBILITY

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

MATERIAL	SPECIFICATION	GRP	48401-0.80
<b>Alloyed and non-alloyed steels</b> Non-alloyed steels	Rm < 450 N/mm <sup>2</sup>	1a	●○
	Rm 450–700 N/mm <sup>2</sup>	1b	●○
	Rm 700–900 N/mm <sup>2</sup>	1c	●○
	Rm > 1200 N/mm <sup>2</sup>	1d	○○
<b>Stainless steels</b> Stainless steels	Rm < 650 N/mm <sup>2</sup>	2a	●○
	Rm 650–950 N/mm <sup>2</sup>	2b	●○
	Rm > 950 N/mm <sup>2</sup>	2c	○○
<b>Hardened steels</b> Hardened steels	44–56 HRC	3a	○○
	57–67 HRC	3b	○○
<b>Exotic materials</b> Special alloys	< 32 HRC	4a	○○
	> 32 HRC	4b	○○
<b>Graphite</b> Industrial graphite		5	●●●
<b>Cast iron</b> Grey / nodular cast iron	< 32 HRC	6a	○○
	> 32 HRC	6b	○○
<b>Titanium</b> Titanium alloys	Rm < 600 N/mm <sup>2</sup>	7a	○○
	600 < Rm N/mm <sup>2</sup>	7b	○○
<b>Nickel alloys</b> Inconel, Hastelloy	Rm < 1000 N/mm <sup>2</sup>	8a	○○
	Rm > 1000 N/mm <sup>2</sup>	8b	○○
<b>Copper, brass, bronze</b> Copper-based	Rm < 850 N/mm <sup>2</sup>	9a	●●●
	Rm > 850 N/mm <sup>2</sup>	9b	●●●
<b>Aluminum</b> Aluminum alloys	Si < 0.5%	10a	●●●
	0.5% < Si < 5%	10b	●●●
	Si > 5%	10c	○○
<b>Synthetic materials</b> Engineering plastics	Thermoplastic	11a	●●○
	Thermoset	11b	●●○
<b>Composite materials</b> Reinforced composites	Glass fiber / GFK	12a	●○
	Carbon fiber / KFK	12b	●○
<b>Precious metals</b> Gold, platinum, silver	Gold	13a	●●○
	Platinum	13b	○○

## TECHNICAL DRAWING



## DIMENSIONS

### NOMINAL DIMENSIONS

D (0 / -0.01)	0.8 mm
d (h5)	3 mm
L	38 mm
l1	10 mm
l3	11.2 mm
d3	–
R	–
e	–
Z	2
Chamfer K	–
w° collision	4.2°



E-SHOP / EZI CUT  
eskenazi.ch/eshop/48401-0.80