

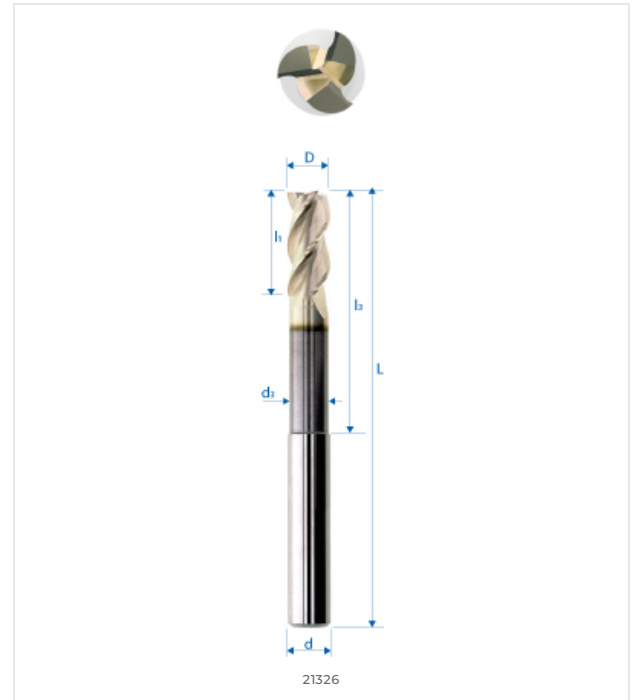
<p><b>E2</b> E2 HIGH PRECISION TOOL MATERIAL</p>	<p><math>\lambda=40^{\circ}-45^{\circ}</math> <math>Y=18^{\circ}</math> CUTTING ANGLES <math>\lambda=40^{\circ}-45^{\circ}</math>, <math>Y=18^{\circ}</math></p>	<p><math>\phi \leq 6</math> <math>\phi &gt; 6</math> <math>90^{\circ}</math> <math>45^{\circ}</math> CHAMFER <math>\phi &lt; 6</math> <math>\phi &gt; 6</math> <math>90^{\circ}</math> <math>45^{\circ}</math></p>	<p>DUAL DIRECTION HELICAL DRILL BIT</p>	<p><math>l_1</math> 1.5xD 1.5XD DEPTH PRECISION TOOL</p>	<p><math>I_3</math> THREE-POINT CONTACT TOOL</p>	<p>EXTRA LONG PRECISION DRILL BITS</p>	<p>ADJUSTABLE ANGLE ICON</p>	<p><math>\lambda 2</math> <math>\lambda 1</math> VARIABLE HELIX DRILL BIT</p>
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**MATERIAL COMPATIBILITY**

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

MATERIAL	SPECIFICATION	GRP	21326H-10
<b>Alloyed and non-alloyed steels</b> <small>Non-alloyed steels</small>	$R_m < 450 \text{ N/mm}^2$	1a	○○○
	$R_m 450-700 \text{ N/mm}^2$	1b	○○○
	$R_m 700-900 \text{ N/mm}^2$	1c	○○○
	$R_m > 1200 \text{ N/mm}^2$	1d	○○○
<b>Stainless steels</b> <small>Stainless steels</small>	$R_m < 650 \text{ N/mm}^2$	2a	○○○
	$R_m 650-950 \text{ N/mm}^2$	2b	○○○
	$R_m > 950 \text{ N/mm}^2$	2c	○○○
<b>Hardened steels</b> <small>Hardened steels</small>	44-56 HRC	3a	○○○
	57-67 HRC	3b	○○○
<b>Exotic materials</b> <small>Special alloys</small>	< 32 HRC	4a	○○○
	> 32 HRC	4b	○○○
<b>Graphite</b> <small>Industrial graphite</small>		5	●●○
<b>Cast iron</b> <small>Grey / nodular cast iron</small>	< 32 HRC	6a	○○○
	> 32 HRC	6b	○○○
<b>Titanium</b> <small>Titanium alloys</small>	$R_m < 600 \text{ N/mm}^2$	7a	○○○
	$600 < R_m \text{ N/mm}^2$	7b	○○○
<b>Nickel alloys</b> <small>Inconel, Hastelloy</small>	$R_m < 1000 \text{ N/mm}^2$	8a	○○○
	$R_m > 1000 \text{ N/mm}^2$	8b	○○○
<b>Copper, brass, bronze</b> <small>Copper-based</small>	$R_m < 850 \text{ N/mm}^2$	9a	●●●
	$R_m > 850 \text{ N/mm}^2$	9b	●●●
<b>Aluminum</b> <small>Aluminum alloys</small>	$Si < 0.5\%$	10a	●●●
	$0.5\% < Si < 5\%$	10b	●●●
	$Si > 5\%$	10c	●●○
<b>Synthetic materials</b> <small>Engineering plastics</small>	Thermoplastic	11a	●●○
	Thermoset	11b	●●○
<b>Composite materials</b> <small>Reinforced composites</small>	Glass fiber / GFK	12a	●●○
	Carbon fiber / KFK	12b	●●○
<b>Precious metals</b> <small>Gold, platinum, silver</small>	Gold	13a	○○○
	Platinum	13b	○○○

**TECHNICAL DRAWING**



**DIMENSIONS**

NOMINAL DIMENSIONS	
D (0 / -0.01)	10 mm
d (h5)	10 mm
L	95 mm
l1	22 mm
l3	54 mm
d3	-
R	-
e	-
Z	3
Chamfer K	0.1
w° collision	-



**E-SHOP / EZI CUT**  
[eskenazi.ch/eshop/21326H-10](https://eskenazi.ch/eshop/21326H-10)