

FRAISE HÉMISPHERIQUE Z3  
HALBRUND-FRÄSER Z3  
BALL NOSE ENDMILL Z3

**21422D-16**

Version du  
12.06.2020



E2

$\lambda = 35^\circ$   
 $\gamma = 10^\circ$

$l_1$   
2.2xD

Compatibilité outil / matière  
Werkzeug / Werkstoffverträglichkeit  
Tool / Material compatibility



ESHOP / EZI CUT

- 1/3
- 2/3
- 3/3

EZI - DIAM

Gruppe Vc [m/min]

ACIERS ALLIÉS ET NON ALLIÉS UNLEGIERTE STÄHLE 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		
ACIERS INOX ROSTFREIE STÄHLE 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		
ACIERS TREMPÉS GEHÄRTETE STÄHLE HARDENED STEELS	44 - 56 HRC	3a		
	57 - 67 HRC	3b		
MATÉRIAUX EXOTIQUES EXOTISCHE WERKSTOFFE EXOTIC MATERIALS	< 32 HRC	4a		
	> 32 HRC	4b		
GRAPHITE		5	180	<span style="color: green;">●</span>
FONTES GUSS CAST IRON	< 32 HRC	6a		
	> 32 HRC	6b		
TITANE TITAN	Rm < 800 N/mm <sup>2</sup>	7a		
	800 < Rm N/mm <sup>2</sup>	7b		
ALLIAGES NICKEL NICKEL NICKEL ALLOYS	Rm < 1000 N/mm <sup>2</sup>	8a		
	1000 < Rm N/mm <sup>2</sup>	8b		
CUIVRE, LAITON, BRONZE KUPFER, MESSING, BRONZE COPPER, BRASS, BRONZE	Rm < 850 N/mm <sup>2</sup>	9a	300	<span style="color: lightgreen;">●</span>
	850 < Rm N/mm <sup>2</sup>	9b	250	<span style="color: lightgreen;">●</span>
ALUMINIUM	Si < 0.5%	10a	400	<span style="color: orange;">●</span>
	0.5% < Si < 5%	10b	300	<span style="color: lightgreen;">●</span>
	Si > 5%	10c	250	<span style="color: green;">●</span>
MATIÈRES SYNTHÉTIQUES KUNSTSTOFFE SYNTHETIC MATERIALS	Thermoplast	11a		
	Duraplast	11b		
MATIÈRES COMPOSITES FASERVERST. MATERIALEN COMPOSITE MATERIALS	Fibre de verre	12a	260	<span style="color: green;">●</span>
	Fibre de carbone	12b	200	<span style="color: green;">●</span>
MÉTALUX PRÉCIEUX EDELMETALLE PRECIOUS MATERIALS	Or • Gold	13a	280	<span style="color: orange;">●</span>
	Platine	13b	40	<span style="color: green;">●</span>



D (h10)	16
d (h6)	16
L	92
l1	32
l3	
d3	
R	8
e	
Z	3
Chanfrein	
K	
w° collision	