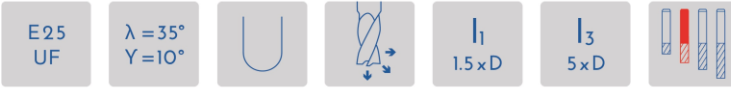


FRAISE HÉMISPHERIQUE Z3 AVEC ARROSAGE CENTRAL  
 HALBRUND-FRÄSER Z3 IT INNENKÜHLUNG  
 BALL NOSE ENDMILL Z3 WITH INTERNAL COOLING

**28422A-5-6**

Version du  
07.06.2023



Compatibilité outil / matière  
 Werkzeug / Werkstoffverträglichkeit  
 Tool / Material compatibility

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

EZI - ALPHA 3

Gruppe Vc [m/min]

ESHOP / EZI CUT

ACIERS ALLIÉS ET NON ALLIÉS UNLEGIERTE STÄHLE NON-ALLOYED STEELS	Rm < 450 N/mm <sup>2</sup>	1a	325	●
	Rm 450 - 700 N/mm <sup>2</sup>	1b	190	●
	Rm 700 - 900 N/mm <sup>2</sup>	1c	160	●
	Rm < 1200 N/mm <sup>2</sup>	1d	100	●
ACIERS INOX ROSTFREIE STÄHLE STAINLESS STEELS	Rm < 650 N/mm <sup>2</sup>	2a	110	●
	Rm 650 - 950 N/mm <sup>2</sup>	2b	90	●
	Rm > 950 N/mm <sup>2</sup>	2c	75	●
ACIERS TREMPÉS GEHÄRTETE STÄHLE HARDENED STEELS	44 - 56 HRC	3a	50	●
	57 - 67 HRC	3b	35	●
MATERIAUX EXOTIQUES EXOTISCHE WERKSTOFFE EXOTIC MATERIALS	< 32 HRC	4a	60	●
	> 32 HRC	4b	40	●
GRAPHITE		5	225	●
FONTES GUSS CAST IRON	< 32 HRC	6a	100	●
	> 32 HRC	6b	75	●
TITANE TITAN	Rm < 800 N/mm <sup>2</sup>	7a	95	●
	800 < Rm N/mm <sup>2</sup>	7b	70	●
ALLIAGES NICKEL NICKEL NICKEL ALLOYS	Rm < 1000 N/mm <sup>2</sup>	8a	55	●
	1000 < Rm N/mm <sup>2</sup>	8b	40	●
CUIVRE, LAITON, BRONZE KUPFER, MESSING, BRONZE COPPER, BRASS, BRONZE	Rm < 850 N/mm <sup>2</sup>	9a	460	●
	850 < Rm N/mm <sup>2</sup>	9b	325	●
ALUMINIUM	Si < 0.5%	10a	500	●
	0.5% < Si < 5%	10b	400	●
	Si > 5%	10c	325	●
MATIERES SYNTHETIQUES KUNSTSTOFFE SYNTHETIC MATERIALS	Thermoplast	11a	210	●
	Duraplast	11b	150	●
MATIERES COMPOSITES FASERVERST. MATERIALEN COMPOSITE MATERIALS	Fibre de verre	12a	160	●
	Fibre de carbone	12b	120	●
METAUX PRECIEUX EDELMETALLE PRECIOUS MATERIALS	Or • Gold	13a	460	●
	Platine	13b	50	●



D (h10)	5
d (h6)	6
L	57
l1	7.5
l3	25
d3	4.60
R	2.5
e	
Z	3
Chanfrein	
K	
w° collision	1.1°