

MICRO-FRAISE Z3 AVEC ARROSAGE CENTRAL
 MIKROFRÄSER Z3 MIT INNENKÜHLUNG
 MICRO ENDMILL Z3 WITH INTERNAL COOLING

28033A-1.2

Version du
 21.01.2025

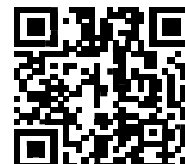


Compatibilité outil / matière
 Werkzeug / Werkstoffverträglichkeit
 Tool / Material compatibility

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

EZI - ALPHA 3

Groupe Vc [m/min]



ESHOP / EZI CUT

		Groupe		Vc [m/min]	
ACIERS ALLIÉS ET NON ALLIÉS UNLEGIERTE STÄHLE NON-ALLOYED STEELS	Rm < 450 N/mm ²	1a	280	●	
	Rm 450 - 700 N/mm ²	1b	170	●	
	Rm 700 - 900 N/mm ²	1c	140	●	
	Rm < 1200 N/mm ²	1d	90	●	
ACIERS INOX	Rm < 650 N/mm ²	2a	110	●	
ROSTFREIE STÄHLE	Rm 650 - 950 N/mm ²	2b	100	●	
STAINLESS STEELS	Rm > 950 N/mm ²	2c	80	●	
ACIERS TREMPÉS	44 - 56 HRC	3a	40	●	
GEHÄRTETE STÄHLE	57 - 67 HRC	3b	25	●	
HARDENED STEELS					
MATÉRIAUX EXOTIQUES	< 32 HRC	4a	60	●	
EXOTISCHE WERKSTOFFE	> 32 HRC	4b	35	●	
EXOTIC MATERIALS					
GRAPHITE		5	200	●	
FONTES GUSS	< 32 HRC	6a	90	●	
	> 32 HRC	6b	80	●	
CAST IRON					
TITANE TITAN	Rm < 800 N/mm ²	7a	80	●	
	800 < Rm N/mm ²	7b	55	●	
ALLIAGES NICKEL	Rm < 1000 N/mm ²	8a	40	●	
NICKEL	1000 < Rm N/mm ²	8b	30	●	
NICKEL ALLOYS					
CUIVRE, LAITON, BRONZE	Rm < 850 N/mm ²	9a	416	●	
KUPFER, MESSING, BRONZE	850 < Rm N/mm ²	9b	290	●	
COPPER, BRASS, BRONZE					
ALUMINIUM	Si < 0.5%	10a	470	●	
	0.5% < Si < 5%	10b	370	●	
	Si > 5%	10c	230	●	
MATIÈRES SYNTHÉTIQUES	Thermoplast	11a	160	●	
KUNSTSTOFFE	Duraplast	11b	105	●	
SYNTHETIC MATERIALS					
MATIÈRES COMPOSITES	Fibre de verre	12a	140	●	
FASERVERST. MATERIALEN	Fibre de carbone	12b	105	●	
COMPOSITE MATERIALS					
MÉTAUX PRÉCIEUX	Or • Gold	13a	416	●	
EDELMETALLE	Platine	13b	45	●	
PRECIOUS MATERIALS					



D (0/- 0.01)	1.2
d (h5)	3
L	38
l1	1.5
l3	3.6
d3	1.15
R	
e	
Z	3
Chanfrein	
K	
w° collision	7.2°