

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

28033A-1.6

Version du
 16.04.2024



Compatibilité outil / matière
 Werkzeug / Werkstoffverträglichkeit
 Tool / Material compatibility



ESHOP / EZI CUT

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

EZI - ALPHA 3

Gruppe Vc [m/min]

Material	Properties	Group	Vc [m/min]	Compatibility
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 ROSTFREIE STÄHLE STAINLESS STEELS	Rm < 650 N/mm ²	2a	110	●
	Rm 650 - 950 N/mm ²	2b	100	●
	Rm > 950 N/mm ²	2c	80	●
ACIERS TREMPÉS STÄHLE GEHÄRTETE HARDENED STEELS	44 - 56 HRC	3a	40	●
	57 - 67 HRC	3b	25	●
MATERIAUX EXOTIQUES EXOTISCHE WERKSTOFFE EXOTIC MATERIALS	< 32 HRC	4a	60	●
	> 32 HRC	4b	35	●
GRAPHITE		5	200	●
FONTES GUSS CAST IRON	< 32 HRC	6a	90	●
	> 32 HRC	6b	80	●
TITANE TITAN	Rm < 800 N/mm ²	7a	80	●
	800 < Rm N/mm ²	7b	55	●
ALLIAGES NICKEL NICKEL NICKEL ALLOYS	Rm < 1000 N/mm ²	8a	40	●
	1000 < Rm N/mm ²	8b	30	●
CUIVRE, LAITON, BRONZE KUPFER, MESSING, BRONZE COPPER, BRASS, BRONZE	Rm < 850 N/mm ²	9a	416	●
	850 < Rm N/mm ²	9b	290	●
ALUMINIUM	Si < 0.5%	10a	470	●
	0.5% < Si < 5%	10b	370	●
	Si > 5%	10c	230	●
MATIERES SYNTHETIQUES KUNSTSTOFFE SYNTHETIC MATERIALS	Thermoplast	11a	160	●
	Duraplast	11b	105	●
MATIERES COMPOSITES FASERVERST. MATERIALEN COMPOSITE MATERIALS	Fibre de verre	12a	140	●
	Fibre de carbone	12b	105	●
METAUX PRECIEUX EDELMETALLE PRECIOUS MATERIALS	Or • Gold	13a	416	●
	Platine	13b	45	●



D (0/- 0.01)	1.6
d (h5)	3
L	38
l1	2.2
l3	4.8
d3	1.55
R	
e	
Z	3
Chanfrein	
K	
w° collision	5.4°