

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

28037A-1.2

Version du
 20.01.2025



Compatibilité outil / matière
 Werkzeug / Werkstoffverträglichkeit
 Tool / Material compatibility

● 1/3
 ● 2/3
 ● 3/3

EZI - ALPHA 3

Groupe Vc [m/min]

ESHOP / EZI CUT

ACIERS ALLIÉS ET NON ALLIÉS UNLEGIERTE STÄHLE NON-ALLOYED STEELS	Rm < 450 N/mm ²	1a	310	●
	Rm 450 - 700 N/mm ²	1b	180	●
	Rm 700 - 900 N/mm ²	1c	150	●
	Rm < 1200 N/mm ²	1d	90	●
ACIERS INOX ROSTFREIE STÄHLE STAINLESS STEELS	Rm < 650 N/mm ²	2a	120	●
	Rm 650 - 950 N/mm ²	2b	100	●
	Rm > 950 N/mm ²	2c	90	●
ACIERS TREMPÉS GEHÄRTETE STÄHLE HARDENED STEELS	44 - 56 HRC	3a	50	●
	57 - 67 HRC	3b	30	●
MATÉRIAUX EXOTIQUES EXOTISCHE WERKSTOFFE EXOTIC MATERIALS	< 32 HRC	4a	60	●
	> 32 HRC	4b	30	●
GRAPHITE		5	210	●
FONTES GUSS CAST IRON	< 32 HRC	6a	90	●
	> 32 HRC	6b	70	●
TITANE TITAN	Rm < 800 N/mm ²	7a	90	●
	800 < Rm N/mm ²	7b	60	●
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	430	●
	850 < Rm N/mm ²	9b	300	●
ALUMINIUM	Si < 0.5%	10a	480	●
	0.5% < Si < 5%	10b	380	●
	Si > 5%	10c	300	●
MATIÈRES SYNTHÉTIQUES KUNSTSTOFFE SYNTHETIC MATERIALS	Thermoplast	11a		●
	Duraplast	11b		●
MATIÈRES COMPOSITES FASERVERST. MATERIALEN COMPOSITE MATERIALS	Fibre de verre	12a	190	●
	Fibre de carbone	12b	140	●
MÉTAUX PRÉCIEUX EDELMETALLE PRECIOUS MATERIALS	Or • Gold	13a	430	●
	Platine	13b	40	●



D (0/-0.02)	1.2
d (h5)	3
L	38
l1	2.5
l3	
d3	
R	
e	
Z	3
Chanfrein	
K	
w° collision	8.3°