

MICRO-FRAISE D'ÉBAUCHE Z3 R0.025 POUR COMPOSANT HORLOGER
Z3-MIKRO-SCHRUUBFRÄSER R0,025 FÜR UHRENKOMPONENTE
Z3 ROUGHING MICRO-END MILL R0.025 FOR WATCHMAKING COMPONENT

21171T-1.5

Version du
13.06.2025



Compatibilité outil / matière
Werkzeug / Werkstoffverträglichkeit
Tool / Material compatibility

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

EZI-TISIX

Groupe Vc [m/min]

ACIERS ALLIÉS ET NON ALLIÉS UNLEGIERTE STÄHLE NON-ALLOYED STEELS	Rm < 450 N/mm ²	1a	390	●
	Rm 450 - 700 N/mm ²	1b	225	●
	Rm 700 - 900 N/mm ²	1c	185	●
	Rm < 1200 N/mm ²	1d	120	●
ACIERS INOX ROSTFREIE STÄHLE STAINLESS STEELS	Rm < 650 N/mm ²	2a	155	●
	Rm 650 - 950 N/mm ²	2b	135	●
	Rm > 950 N/mm ²	2c	120	●
ACIERS TREMPES GEHÄRTETE STÄHLE HARDENED STEELS	44 - 56 HRC	3a	65	●
	57 - 67 HRC	3b	45	●
MATERIAUX EXOTIQUES EXOTISCHE WERKSTOFFE EXOTIC MATERIALS	< 32 HRC	4a	75	●
	> 32 HRC	4b	45	●
GRAPHITE		5	270	●
FONTES GUSS CAST IRON	< 32 HRC	6a	120	●
	> 32 HRC	6b	95	●
TITANE TITAN	Rm < 800 N/mm ²	7a	110	●
	800 < Rm N/mm ²	7b	80	●
ALLIAGES NICKEL NICKEL NICKEL ALLOYS	Rm < 1000 N/mm ²	8a	60	●
	1000 < Rm N/mm ²	8b	45	●
CUIVRE, LAITON, BRONZE KUPFER, MESSING, BRONZE COPPER BRASS BRONZE	Rm < 850 N/mm ²	9a	540	●
	850 < Rm N/mm ²	9b	375	●
ALUMINIUM	Si < 0.5%	10a	600	●
	0.5% < Si < 5%	10b	480	●
	Si > 5%	10c	300	●
MATIÈRES SYNTHÉTIQUES KUNSTSTOFFE SYNTHETIC MATERIALS	Thermoplast	11a		
	Duraplast	11b		
MATIÈRES COMPOSITES FASERVERST. MATERIALEN COMPOSITE MATERIALS	Fibre de verre	12a	240	●
	Fibre de carbone	12b	180	●
MÉTAUX PRÉCIEUX EDELMETALLE PRECIOUS MATERIALS	Or • Gold	13a	540	●
	Platine	13b	60	●

D (0/-0.02)	1.5
d (h5)	3
L	38
l1	2
l3	
d3	
R	0.025
e	
Z	3
Chanfrein	
K	
w° collision	8.4°



ESHOP / EZI CUT

