

MICRO-FRAISE TORIQUE Z3
TORISCHE MIKROFRÄSER Z3
TORIC MICRO ENDMILL Z3

24071A-0.8

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]**

ACIERS ALLIÉS ET NON ALLIÉS	Rm < 450 N/mm ²	1a	260	●
UNLEGIERTE STÄHLE	Rm 450 - 700 N/mm ²	1b	150	●
NON-ALLOYED STEELS	Rm 700 - 900 N/mm ²	1c	125	●
	Rm < 1200 N/mm ²	1d	80	●
ACIERS INOX	Rm < 650 N/mm ²	2a	105	●
ROSTFREIE STÄHLE	Rm 650 - 950 N/mm ²	2b	90	●
STAINLESS STEELS	Rm > 950 N/mm ²	2c	75	●
ACIERS TREMPÉS	44 - 56 HRC	3a	45	●
GEHÄRTETE STÄHLE	57 - 67 HRC	3b	30	●
HARDENED STEELS				●
MATÉRIAUX EXOTIQUES	< 32 HRC	4a	50	●
EXOTISCHE WERKSTOFFE	> 32 HRC	4b	30	●
EXOTIC MATERIALS				●
GRAPHITE		5	180	●
FONTES GUSS	< 32 HRC	6a	80	●
CAST IRON	> 32 HRC	6b	65	●
				●
TITANE TITAN	Rm < 800 N/mm ²	7a	75	●
	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	360	●
KUPFER, MESSING, BRONZE	850 < Rm N/mm ²	9b	250	●
COPPER, BRASS, BRONZE				●
	Si < 0.5%	10a	400	●
ALUMINIUM	0.5% < Si < 5%	10b	320	●
	Si > 5%	10c	200	●
MATIÈRES SYNTHÉTIQUES	Thermoplast	11a		●
KUNSTSTOFFE	Duraplast	11b		●
SYNTHETIC MATERIALS				●
MATIÈRES COMPOSITES	Fibre de verre	12a	160	●
FASERVERST. MATERIALEN	Fibre de carbone	12b	120	●
COMPOSITE MATERIALS				●
MÉTAUX PRÉCIEUX	Or • Gold	13a	360	●
EDELMETALLE	Platine	13b	40	●
PRECIOUS MATERIALS				●



D (0/-0.01)	0.8
d (h5)	6
L	33
l1	1.6
l3	
d3	
R	0.08
e	
Z	3
Chanfrein	
K	
w° collision	11.7°