

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

21071A-1.5

Version du
21.01.2025



Compatibilité outil / matière
Werkzeug / Werkstoffverträglichkeit
Tool / Material compatibility



ESHOP / EZI CUT

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

EZI - ALPHA 3

Groupe **Vc [m/min]**

ACIERS ALLIÉS ET NON ALLIÉS	Rm < 450 N/mm ²	1a	290	●
UNLEGIERTE STÄHLE	Rm 450 - 700 N/mm ²	1b	170	●
NON-ALLOYED STEELS	Rm 700 - 900 N/mm ²	1c	140	●
	Rm < 1200 N/mm ²	1d	90	●
ACIERS INOX	Rm < 650 N/mm ²	2a	120	●
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	50	●
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	200	●
				●
FONTES GUSS	< 32 HRC	6a	90	●
CAST IRON	> 32 HRC	6b	70	●
				●
TITANE TITAN	Rm < 800 N/mm ²	7a	80	●
	800 < Rm N/mm ²	7b	60	●
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	410	●
KUPFER, MESSING, BRONZE	850 < Rm N/mm ²	9b	280	●
COPPER, BRASS, BRONZE				●
	Si < 0.5%	10a	460	●
ALUMINIUM	0.5% < Si < 5%	10b	360	●
	Si > 5%	10c	230	●
MATIÈRES SYNTHÉTIQUES	Thermoplast	11a	200	●
KUNSTSTOFFE	Duraplast	11b	130	●
SYNTHETIC MATERIALS				●
MATIÈRES COMPOSITES	Fibre de verre	12a	180	●
FASERVERST. MATERIALEN	Fibre de carbone	12b	130	●
COMPOSITE MATERIALS				●
MÉTAUX PRÉCIEUX	Or • Gold	13a	410	●
EDELMETALLE	Platine	13b	40	●
PRECIOUS MATERIALS				●



D (0/-0.02)	1.5
d (h5)	3
L	38
l1	2
l3	
d3	
R	0.15
e	
Z	3
Chanfrein	
K	
w° collision	8.4°