

MICRO-FRAISE Z3
 MIKROFRÄSER Z3
 MICRO ENDMILL Z3

24034N-0.8

Version du
 13.02.2023



Compatibilité outil / matière
 Werkzeug / Werkstoffverträglichkeit
 Tool / Material compatibility



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

N15
 Groupe Vc [m/min]

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 ESHOP / EZI CUT

ACIERS ALLIÉS ET NON ALLIÉS UNLEGIERTE STÄHLE NON-ALLOYED STEELS	Rm < 450 N/mm ²	1a	140	●
	Rm 450 - 700 N/mm ²	1b		
	Rm 700 - 900 N/mm ²	1c		
	Rm < 1200 N/mm ²	1d		
ACIERS INOX ROSTFREIE STÄHLE STAINLESS STEELS	Rm < 650 N/mm ²	2a		
	Rm 650 - 950 N/mm ²	2b		
	Rm > 950 N/mm ²	2c		
ACIERS TREMPÉS GEHÄRTETE STÄHLE HARDENED STEELS	44 - 56 HRC	3a		
	57 - 67 HRC	3b		
MATERIAUX EXOTIQUES EXOTISCHE WERKSTOFFE EXOTIC MATERIALS	< 32 HRC	4a		
	> 32 HRC	4b		
GRAPHITE		5	180	●
FONTES GUSS CAST IRON	< 32 HRC	6a		
	> 32 HRC	6b		
TITANE TITAN	Rm < 800 N/mm ²	7a	60	●
	800 < Rm N/mm ²	7b	40	●
ALLIAGES NICKEL NICKEL NICKEL ALLOYS	Rm < 1000 N/mm ²	8a		
	1000 < Rm N/mm ²	8b		
CUIVRE, LAITON, BRONZE KUPFER, MESSING, BRONZE COPPER, BRASS, BRONZE	Rm < 850 N/mm ²	9a	320	●
	850 < Rm N/mm ²	9b	200	●
ALUMINIUM	Si < 0.5%	10a	300	●
	0.5% < Si < 5%	10b	250	●
	Si > 5%	10c		
MATIERES SYNTHETIQUES KUNSTSTOFFE SYNTHETIC MATERIALS	Thermoplast	11a	170	●
	Duraplast	11b	120	●
MATIERES COMPOSITES FASERVERST. MATERIALEN COMPOSITE MATERIALS	Fibre de verre	12a	130	●
	Fibre de carbone	12b	90	●
METAUX PRECIEUX EDELMETALLE PRECIOUS MATERIALS	Or • Gold	13a	320	●
	Platine	13b		



D (0/- 0.01)	0.8
d (h5)	6
L	33
l1	0.4
l3	3.2
d3	0.75
R	
e	
Z	3
Chanfrein	
K	
w° collision	10.5°