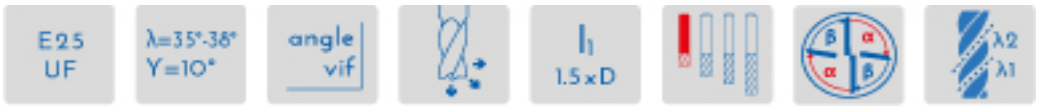
MICRO-FRAISE Z4
MIKROFRÄSER Z4
MICRO ENDMILL Z4

21111A-1.0

Version du
21.01.2025



Compatibilité outil / matière
Werkzeug / Werkstoffverträglichkeit
Tool / Material compatibility

● 1/3
● 2/3
● 3/3

ESHOP / EZI CUT

		Groupe	EZI - ALPHA 3 Vc [m/min]	
ACIERS ALLIÉS ET NON ALLIÉS UNLEGIERTE STÄHLE NON-ALLOYED STEELS	Rm < 450 N/mm²	1a	260	●
	Rm 450 - 700 N/mm²	1b	150	●
	Rm 700 - 900 N/mm²	1c	125	●
	Rm < 1200 N/mm²	1d	80	●
ACIERS INOX ROSTFREIE STÄHLE STAINLESS STEELS	Rm < 650 N/mm²	2a	85	●
	Rm 650 - 950 N/mm²	2b	75	●
	Rm > 950 N/mm²	2c	60	●
ACIERS TREMPÉS GEHÄRTETE STÄHLE HARDENED STEELS	44 - 56 HRC	3a	45	●
	57 - 67 HRC	3b		
MATÉRIAUX EXOTIQUES EXOTISCHE WERKSTOFFE EXOTIC MATERIALS	< 32 HRC	4a	50	●
	> 32 HRC	4b	30	●
GRAPHITE		5	180	●
FONTES GUSS CAST IRON	< 32 HRC	6a	80	●
	> 32 HRC	6b	65	●
TITANE TITAN	Rm < 800 N/mm²	7a	75	●
	800 < Rm N/mm²	7b	55	●
ALLIAGES NICKEL NICKEL NICKEL ALLOYS	Rm < 1000 N/mm²	8a	40	●
	1000 < Rm N/mm²	8b	30	●
CUIVRE, LAITON, BRONZE KUPFER, MESSING, BRONZE COPPER, BRASS, BRONZE	Rm < 850 N/mm²	9a	360	●
	850 < Rm N/mm²	9b	300	●
ALUMINIUM	Si < 0.5%	10a	400	●
	0.5% < Si < 5%	10b	320	●
	Si > 5%	10c	200	●
MATIÈRES SYNTHÉTIQUES KUNSTSTOFFE SYNTHETIC MATERIALS	Thermoplast	11a		
	Duraplast	11b		
MATIÈRES COMPOSITES FASERVERST. MATERIALEN COMPOSITE MATERIALS	Fibre de verre	12a	160	●
	Fibre de carbone	12b	120	●
MÉTAUX PRÉCIEUX EDELMETALLE PRECIOUS MATERIALS	Or • Gold	13a	360	●
	Platine	13b	40	●

D (0/- 0.01)	1
d (h5)	3
L	38
l1	1.5
l3	
d3	
R	
e	
Z	4
Chanfrein	
K	
w° collision	10°