

MICRO-FORET Z2 ~ 12 \* D  
 MIKROBOHRER Z2 ~ 12 \* D  
 MICRO DRILL BIT Z2 ~ 12 \* D

# 48401S-2.35

Version du  
 18.04.2024



Compatibilité outil / matière  
 Werkzeug / Werkstoffverträglichkeit  
 Tool / Material compatibility

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

EZI-SMOOTH

Groupe Vc [m/min]



ESHOP / EZI CUT

Matériau	Rm [N/mm²]	Groupe	Vc [m/min]	Compatibilité
ACIERS ALLIÉS ET NON ALLIÉS UNLEGIERTE STÄHLE NON-ALLOYED STEELS	Rm < 450 N/mm²	1a	110	●
	Rm 450 - 700 N/mm²	1b	90	●
	Rm 700 - 900 N/mm²	1c	70	●
	Rm < 1200 N/mm²	1d	50	●
ACIERS INOX ROSTFREIE STÄHLE STAINLESS STEELS	Rm < 650 N/mm²	2a	70	●
	Rm 650 - 950 N/mm²	2b	60	●
	Rm > 950 N/mm²	2c	40	●
ACIERS TREMPÉS STÄHLE HARDENED STEELS	44 - 56 HRC	3a	30	●
	57 - 67 HRC	3b		
MATERIAUX EXOTIQUES EXOTISCHE WERKSTOFFE EXOTIC MATERIALS	< 32 HRC	4a	30	●
	> 32 HRC	4b	20	●
GRAPHITE		5	120	●
FONTES GUSS CAST IRON	< 32 HRC	6a	50	●
	> 32 HRC	6b	40	●
TITANE TITAN	Rm < 800 N/mm²	7a	40	●
	800 < Rm N/mm²	7b	30	●
ALLIAGES NICKEL NICKEL NICKEL ALLOYS	Rm < 1000 N/mm²	8a	25	●
	1000 < Rm N/mm²	8b	20	●
CUIVRE, LAITON, BRONZE KUPFER, MESSING, BRONZE COPPER, BRASS, BRONZE	Rm < 850 N/mm²	9a	210	●
	850 < Rm N/mm²	9b	150	●
ALUMINIUM	Si < 0.5%	10a	240	●
	0.5% < Si < 5%	10b	190	●
	Si > 5%	10c	150	●
MATIERES SYNTHETIQUES KUNSTSTOFFE SYNTHETIC MATERIALS	Thermoplast	11a	120	●
	Duraplast	11b	90	●
MATIERES COMPOSITES FASERVERST. MATERIALEN COMPOSITE MATERIALS	Fibre de verre	12a	90	●
	Fibre de carbone	12b	70	●
METAUX PRECIEUX EDELMETALLE PRECIOUS MATERIALS	Or • Gold	13a	150	●
	Platine	13b	30	●



D (0/-0.003)	2.35
d (h5)	3
L	65
L1	28.2
L3	31.5
d3	
R	
e	
Z	2
Chanfrein	
K	
w° collision	