

FRAISE POUR MATÉRIAUX DIFFICILES RM > 1000
FRÄSER FÜR HARTE WERKSTOFFE RM > 1000
ENDMILL FOR DIFFICULT MATERIALS RM > 1000

22132A-4-6

Version du
21.01.2025



Compatibilité outil / matière
Werkzeug / Werkstoffverträglichkeit
Tool / Material compatibility

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

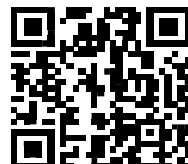
EZI - ALPHA 3

Groupe **Vc [m/min]**

ACIERS ALLIÉS ET NON ALLIÉS	Rm < 450 N/mm ²	1a		
UNLEGIERTE STÄHLE	Rm 450 - 700 N/mm ²	1b		
NON-ALLOYED STEELS	Rm 700 - 900 N/mm ²	1c	150	●
	Rm < 1200 N/mm ²	1d	90	●
ACIERS INOX	Rm < 650 N/mm ²	2a		
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	50	●
GEHÄRTETE STÄHLE	57 - 67 HRC	3b	30	●
HARDENED STEELS				
MATÉRIAUX EXOTIQUES	< 32 HRC	4a	60	●
EXOTISCHE WERKSTOFFE	> 32 HRC	4b	40	●
EXOTIC MATERIALS				
GRAPHITE		5		
FONTES GUSS	< 32 HRC	6a	150	●
CAST IRON	> 32 HRC	6b	115	●
TITANE	Rm < 800 N/mm ²	7a	85	●
TITAN	800 < Rm N/mm ²	7b	65	●
ALLIAGES NICKEL	Rm < 1000 N/mm ²	8a	50	●
NICKEL	1000 < Rm N/mm ²	8b	30	●
NICKEL ALLOYS				
CUIVRE, LAITON, BRONZE	Rm < 850 N/mm ²	9a		
KUPFER, MESSING, BRONZE	850 < Rm N/mm ²	9b		
COPPER, BRASS, BRONZE				
	Si < 0.5%	10a		
ALUMINIUM	0.5% < Si < 5%	10b		
	Si > 5%	10c		
MATIÈRES SYNTHÉTIQUES	Thermoplast	11a		
KUNSTSTOFFE	Duraplast	11b		
SYNTHETIC MATERIALS				
MATIÈRES COMPOSITES	Fibre de verre	12a		
FASERVERST. MATERIALEN	Fibre de carbone	12b		
COMPOSITE MATERIALS				
MÉTAUX PRÉCIEUX	Or • Gold	13a		
EDELMETALLE	Platine	13b		
PRECIOUS MATERIALS				



D (h10)	4
d (h6)	6
L	57
l1	6
l3	
d3	
R	
e	
Z	4
Chanfrein	0.1
K	
w° collision	5.8°



ESHOP / EZI CUT