

FRAISE D'ÉBAUCHE
SCHRUPPFRÄSER
ROUGHING ENDMILL

21510A-12

Version du
20.01.2025



Compatibilité outil / matière
Werkzeug / Werkstoffverträglichkeit
Tool / Material compatibility

● 1/3
● 2/3
● 3/3

Gruppe Vc [m/min]
EZI - ALPHA 3



ESHOP / EZI CUT

ACIERS ALLIÉS ET NON ALLIÉS UNLEGIERTE STÄHLE NON-ALLOYED STEELS	Rm < 450 N/mm ²	1a	200	●
	Rm 450 - 700 N/mm ²	1b	120	●
	Rm 700 - 900 N/mm ²	1c	100	●
	Rm < 1200 N/mm ²	1d	60	●
ACIERS INOX ROSTFREIE STÄHLE STAINLESS STEELS	Rm < 650 N/mm ²	2a	75	●
	Rm 650 - 950 N/mm ²	2b	60	●
	Rm > 950 N/mm ²	2c	45	●
ACIERS TREMPÉS GEHÄRTETE STÄHLE HARDENED STEELS	44 - 56 HRC	3a		
	57 - 67 HRC	3b		
MATÉRIAUX EXOTIQUES EXOTISCHE WERKSTOFFE EXOTIC MATERIALS	< 32 HRC	4a	35	●
	> 32 HRC	4b	25	●
GRAPHITE		5		
FONTES GUSS CAST IRON	< 32 HRC	6a	80	●
	> 32 HRC	6b	65	●
TITANE TITAN	Rm < 800 N/mm ²	7a	55	●
	800 < Rm N/mm ²	7b	40	●
ALLIAGES NICKEL NICKEL NICKEL ALLOYS	Rm < 1000 N/mm ²	8a	35	●
	1000 < Rm N/mm ²	8b	25	●
CUIVRE, LAITON, BRONZE KUPFER, MESSING, BRONZE COPPER, BRASS, BRONZE	Rm < 850 N/mm ²	9a	290	●
	850 < Rm N/mm ²	9b	200	●
ALUMINIUM	Si < 0.5%	10a		
	0.5% < Si < 5%	10b		
	Si > 5%	10c		
MATIÈRES SYNTHÉTIQUES KUNSTSTOFFE SYNTHETIC MATERIALS	Thermoplast	11a		
	Duraplast	11b		
MATIÈRES COMPOSITES FASERVERST. MATERIALEN COMPOSITE MATERIALS	Fibre de verre	12a		
	Fibre de carbone	12b		
MÉTAUX PRÉCIEUX EDELMETALLE PRECIOUS MATERIALS	Or • Gold	13a	200	●
	Platine	13b	30	●



D (h10)	12
d (h6)	12
L	83
l1	26
l3	
d3	
R	
e	
Z	4
Chanfrein	0.3
K	
w° collision	