

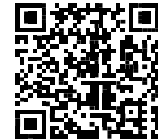
MICRO-FRAISE D'ÉBAUCHE À PROFIL PLAT  
 MIKROSCHRUPPFÄSER MIT FEINPROFIL  
 ROUGHING MICRO ENDMILL WITH FLAT PROFILE

**21535A-1.5**

Version du  
28.02.2023



Compatibilité outil / matière  
 Werkzeug / Werkstoffverträglichkeit  
 Tool / Material compatibility



ESHOP / EZI CUT

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

EZI - ALPHA 3

Gruppe Vc [m/min]

Material	Properties	Group	Vc [m/min]	Color
ACIERS ALLIÉS ET NON ALLIÉS UNLEGIERTE STÄHLE NON-ALLOYED STEELS	Rm < 450 N/mm <sup>2</sup>	1a	220	●
	Rm 450 - 700 N/mm <sup>2</sup>	1b	180	●
	Rm 700 - 900 N/mm <sup>2</sup>	1c	120	●
	Rm < 1200 N/mm <sup>2</sup>	1d	60	●
ACIERS INOX ROSTFREIE STÄHLE STAINLESS STEELS	Rm < 650 N/mm <sup>2</sup>	2a	80	●
	Rm 650 - 950 N/mm <sup>2</sup>	2b	65	●
	Rm > 950 N/mm <sup>2</sup>	2c	50	●
ACIERS TREMPÉS GEHÄRTETE STÄHLE HARDENED STEELS	44 - 56 HRC	3a		
	57 - 67 HRC	3b		
MATERIAUX EXOTIQUES EXOTISCHE WERKSTOFFE EXOTIC MATERIALS	< 32 HRC	4a	35	●
	> 32 HRC	4b	25	●
GRAPHITE		5		
FONTES GUSS CAST IRON	< 32 HRC	6a	85	●
	> 32 HRC	6b	75	●
TITANE TITAN	Rm < 800 N/mm <sup>2</sup>	7a	70	●
	800 < Rm N/mm <sup>2</sup>	7b	55	●
ALLIAGES NICKEL NICKEL NICKEL ALLOYS	Rm < 1000 N/mm <sup>2</sup>	8a	35	●
	1000 < Rm N/mm <sup>2</sup>	8b	25	●
CUIVRE, LAITON, BRONZE KUPFER, MESSING, BRONZE COPPER, BRASS, BRONZE	Rm < 850 N/mm <sup>2</sup>	9a	310	●
	850 < Rm N/mm <sup>2</sup>	9b	220	●
ALUMINIUM	Si < 0.5%	10a		
	0.5% < Si < 5%	10b		
	Si > 5%	10c		
MATIERES SYNTHETIQUES KUNSTSTOFFE SYNTHETIC MATERIALS	Thermoplast	11a		
	Duraplast	11b		
MATIERES COMPOSITES FASERVERST. MATERIALEN COMPOSITE MATERIALS	Fibre de verre	12a		
	Fibre de carbone	12b		
METAUX PRECIEUX EDELMETALLE PRECIOUS MATERIALS	Or • Gold	13a	250	●
	Platine	13b	35	●



D (0/- 0.04)	1.5
d (h5)	3
L	38
l1	4
l3	6
d3	1.40
R	
e	
Z	3
Chanfrein	0.15
K	
w° collision	4.9°