

21072-1.2

Version du
 15.04.2024



Compatibilité outil / matière
 Werkzeug / Werkstoffverträglichkeit
 Tool / Material compatibility



ESHOP / EZI CUT

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

● E25UF
 Groupe Vc [m/min]

			Vc [m/min]	
ACIERS ALLIÉS ET NON ALLIÉS UNLEGIERTE STÄHLE NON-ALLOYED STEELS	Rm < 450 N/mm ²	1a	140	●
	Rm 450 - 700 N/mm ²	1b		
	Rm 700 - 900 N/mm ²	1c		
	Rm < 1200 N/mm ²	1d		
ACIERS INOX ROSTFREIE STÄHLE STAINLESS STEELS	Rm < 650 N/mm ²	2a		
	Rm 650 - 950 N/mm ²	2b		
	Rm > 950 N/mm ²	2c		
ACIERS TREMPÉS STÄHLE GEHÄRTETE HARDENED STEELS	44 - 56 HRC	3a		
	57 - 67 HRC	3b		
MATERIAUX EXOTIQUES EXOTISCHE WERKSTOFFE EXOTIC MATERIALS	< 32 HRC	4a		
	> 32 HRC	4b		
GRAPHITE		5	180	●
FONTES GUSS CAST IRON	< 32 HRC	6a		●
	> 32 HRC	6b		
TITANE TITAN	Rm < 800 N/mm ²	7a	60	●
	800 < Rm N/mm ²	7b	40	●
ALLIAGES NICKEL NICKEL NICKEL ALLOYS	Rm < 1000 N/mm ²	8a		
	1000 < Rm N/mm ²	8b		
CUIVRE, LAITON, BRONZE KUPFER, MESSING, BRONZE COPPER, BRASS, BRONZE	Rm < 850 N/mm ²	9a	320	●
	850 < Rm N/mm ²	9b	200	●
ALUMINIUM	Si < 0.5%	10a	300	●
	0.5% < Si < 5%	10b	250	●
	Si > 5%	10c		
MATIERES SYNTHETIQUES KUNSTSTOFFE SYNTHETIC MATERIALS	Thermoplast	11a	180	●
	Duraplast	11b	120	●
MATIERES COMPOSITES FASERVERST. MATERIALEN COMPOSITE MATERIALS	Fibre de verre	12a	130	●
	Fibre de carbone	12b	90	●
METAUX PRECIEUX EDELMETALLE PRECIOUS MATERIALS	Or • Gold	13a	320	●
	Platine	13b		



D (0/- 0.02)	1.2
d (h5)	3
L	38
l1	1.5
l3	6
d3	1.15
R	0.1
e	
Z	3
Chanfrein	0.1
K	
w° collision	5.5°