

21047A-0.4

Version du
20.01.2025



Compatibilité outil / matière
Werkzeug / Werkstoffverträglichkeit
Tool / Material compatibility



ESHOP / EZI CUT

● 1/3
● 2/3
● 3/3

EZI - ALPHA 3

Groupe Vc [m/min]

ACIERS ALLIÉS ET NON ALLIÉS UNLEGIERTE STÄHLE NON-ALLOYED STEELS	Rm < 450 N/mm ²	1a	180	●
	Rm 450 - 700 N/mm ²	1b	135	●
	Rm 700 - 900 N/mm ²	1c	90	●
	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	35	●
	57 - 67 HRC	3b	25	●
MATÉRIAUX EXOTIQUES EXOTISCHE WERKSTOFFE EXOTIC MATERIALS	< 32 HRC	4a	45	●
	> 32 HRC	4b	25	●
GRAPHITE		5	160	●
FONTES GUSS CAST IRON	< 32 HRC	6a	70	●
	> 32 HRC	6b	55	●
TITANE TITAN	Rm < 800 N/mm ²	7a	60	●
	800 < Rm N/mm ²	7b	45	●
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	270	●
	850 < Rm N/mm ²	9b	225	●
ALUMINIUM	Si < 0.5%	10a	285	●
	0.5% < Si < 5%	10b	225	●
	Si > 5%	10c	160	●
MATIÈRES SYNTHÉTIQUES KUNSTSTOFFE SYNTHETIC MATERIALS	Thermoplast	11a		
	Duraplast	11b		
MATIÈRES COMPOSITES FASERVERST. MATERIALIEN COMPOSITE MATERIALS	Fibre de verre	12a	140	●
	Fibre de carbone	12b	105	●
MÉTAUX PRÉCIEUX EDELMETALLE PRECIOUS MATERIALS	Or • Gold	13a	250	●
	Platine	13b	35	●



D (0/- 0.01)	0.4
d (h5)	3
L	38
l1	0.6
l3	2
d3	0.35
R	
e	
Z	3
Chanfrein	0.01
K	
w° collision	10°