

21049A-0.8

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	120	●
	Rm 450 - 700 N/mm ²	1b	90	●
	Rm 700 - 900 N/mm ²	1c	60	●
	Rm < 1200 N/mm ²	1d	40	●
ACIERS INOX ROSTFREIE STÄHLE STAINLESS STEELS	Rm < 650 N/mm ²	2a	50	●
	Rm 650 - 950 N/mm ²	2b	40	●
	Rm > 950 N/mm ²	2c	30	●
ACIERS TREMPÉS GEHÄRTETE STÄHLE HARDENED STEELS	44 - 56 HRC	3a	20	●
	57 - 67 HRC	3b	15	●
MATÉRIAUX EXOTIQUES EXOTISCHE WERKSTOFFE EXOTIC MATERIALS	< 32 HRC	4a	30	●
	> 32 HRC	4b	15	●
GRAPHITE		5	105	●
FONTES GUSS CAST IRON	< 32 HRC	6a	45	●
	> 32 HRC	6b	35	●
TITANE TITAN	Rm < 800 N/mm ²	7a	40	●
	800 < Rm N/mm ²	7b	30	●
ALLIAGES NICKEL NICKEL NICKEL ALLOYS	Rm < 1000 N/mm ²	8a	20	●
	1000 < Rm N/mm ²	8b	15	●
CUIVRE, LAITON, BRONZE KUPFER, MESSING, BRONZE COPPER, BRASS, BRONZE	Rm < 850 N/mm ²	9a	180	●
	850 < Rm N/mm ²	9b	150	●
ALUMINIUM	Si < 0.5%	10a	190	●
	0.5% < Si < 5%	10b	150	●
	Si > 5%	10c	105	●
MATIÈRES SYNTHÉTIQUES KUNSTSTOFFE SYNTHETIC MATERIALS	Thermoplast	11a		
	Duraplast	11b		
MATIÈRES COMPOSITES FASERVERST. MATERIALIEN COMPOSITE MATERIALS	Fibre de verre	12a	95	●
	Fibre de carbone	12b	70	●
MÉTAUX PRÉCIEUX EDELMETALLE PRECIOUS MATERIALS	Or • Gold	13a	165	●
	Platine	13b	20	●



D (0/- 0.01)	0.8
d (h5)	3
L	38
l1	1.2
l3	9.5
d3	0.75
R	
e	
Z	3
Chanfrein	0.02
K	
w° collision	4.7°