

**21115A-3-6**

Version du  
 12.06.2020



Compatibilité outil / matière  
 Werkzeug / Werkstoffverträglichkeit  
 Tool / Material compatibility



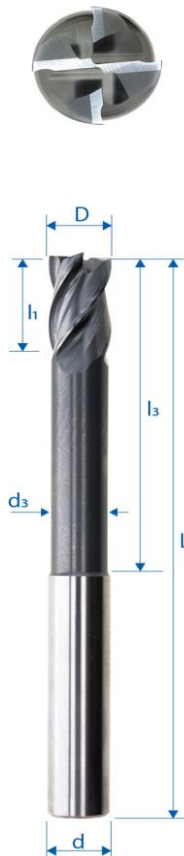
ESHOP / EZI CUT

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

EZI - ALPHA 3

Gruppe Vc [m/min]

Matériau / Material	Rm [N/mm²]	Group	Vc [m/min]	Compatibilité
ACIERS ALLIÉS ET NON ALLIÉS UNLEGIERTE STÄHLE NON-ALLOYED STEELS	Rm < 450 N/mm²	1a	200	●
	Rm 450 - 700 N/mm²	1b	120	●
	Rm 700 - 900 N/mm²	1c	90	●
	Rm < 1200 N/mm²	1d	60	●
ACIERS INOX ROSTFREIE STÄHLE STAINLESS STEELS	Rm < 650 N/mm²	2a	90	●
	Rm 650 - 950 N/mm²	2b	75	●
	Rm > 950 N/mm²	2c	60	●
ACIERS TREMPÉS STÄHLE GEHÄRTETE HARDENED STEELS	44 - 56 HRC	3a	30	●
	57 - 67 HRC	3b		
MATÉRIAUX EXOTIQUES EXOTISCHE WERKSTOFFE EXOTIC MATERIALS	< 32 HRC	4a	30	●
	> 32 HRC	4b	25	●
GRAPHITE		5	150	●
FONTES GUSS CAST IRON	< 32 HRC	6a	70	●
	> 32 HRC	6b	50	●
TITANE TITAN	Rm < 800 N/mm²	7a	60	●
	800 < Rm N/mm²	7b	45	●
ALLIAGES NICKEL NICKEL NICKEL ALLOYS	Rm < 1000 N/mm²	8a	35	●
	1000 < Rm N/mm²	8b	20	●
CUIVRE, LAITON, BRONZE KUPFER, MESSING, BRONZE COPPER, BRASS, BRONZE	Rm < 850 N/mm²	9a	320	●
	850 < Rm N/mm²	9b	250	●
ALUMINIUM	Si < 0.5%	10a	350	●
	0.5% < Si < 5%	10b	300	●
	Si > 5%	10c	180	●
MATIÈRES SYNTHÉTIQUES KUNSTSTOFFE SYNTHETIC MATERIALS	Thermoplast	11a		
	Duraplast	11b		
MATIÈRES COMPOSITES FASERVERST. MATERIALEN COMPOSITE MATERIALS	Fibre de verre	12a	160	●
	Fibre de carbone	12b	120	●
MÉTALUX PRÉCIEUX EDELMETALLE PRECIOUS MATERIALS	Or • Gold	13a	300	●
	Platine	13b	30	●



D (h10)	3
d (h6)	6
L	68
l1	4.5
l3	33
d3	2.70
R	
e	
Z	4
Chanfrein	0.1
K	
w° collision	2.3°