

FRAISE Z4
FRÄSER Z4
ENDMILL Z4

22105-3-6

Version du
12.06.2020



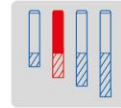
E25
UF

$\lambda = 45^\circ$
 $\gamma = 15^\circ$

$\phi \leq 6$ $\phi > 6$
90° 45°



l_1
2.2xD



Compatibilité outil / matière
Werkzeug / Werkstoffverträglichkeit
Tool / Material compatibility



ESHOP / EZI CUT

● 1/3
● 2/3
● 3/3

E2
Groupe Vc [m/min]

ACIERS ALLIÉS ET NON ALLIÉS UNLEGIERTE STÄHLE NON-ALLOYED STEELS	Rm < 450 N/mm ²	1a	
	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 GEHÄRTETE STÄHLE HARDENED STEELS	44 - 56 HRC	3a	
	57 - 67 HRC	3b	
MATÉRIAUX 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	
	800 < Rm N/mm ²	7b	
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	
MATIÈRES SYNTHÉTIQUES KUNSTSTOFFE SYNTHETIC MATERIALS	Thermoplast	11a	170
	Duraplast	11b	120
MATIÈRES COMPOSITES FASERVERST. MATERIALEN COMPOSITE MATERIALS	Fibre de verre	12a	130
	Fibre de carbone	12b	90
MÉTAUX PRÉCIEUX EDELMETALLE PRECIOUS MATERIALS	Or • Gold	13a	250
	Platine	13b	



D (h10)	3
d (h6)	6
L	57
l1	8
I3	
d3	
R	
e	
Z	4
Chanfrein	
K	
w° collision	6.2°