

FRAISE Z4
FRÄSER Z4
ENDMILL Z4

21105D-10

Version du
12.06.2020



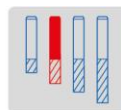
E25
UF

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

$\emptyset \leq 6$ $\emptyset > 6$
90° 45°



l_1
2.2xD



Compatibilité outil / matière
Werkzeug / Werkstoffverträglichkeit
Tool / Material compatibility

● 1/3
● 2/3
● 3/3

● EZI - DIAM
● Vc [m/min]



↑
ESHOP / EZI CUT

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	450
	850 < Rm N/mm ²	9b	350
ALUMINIUM	Si < 0.5%	10a	400
	0.5% < Si < 5%	10b	300
	Si > 5%	10c	220
MATIÈRES SYNTHÉTIQUES KUNSTSTOFFE SYNTHETIC MATERIALS	Thermoplast	11a	210
	Duraplast	11b	150
MATIÈRES COMPOSITES FASERVERST. MATERIALEN COMPOSITE MATERIALS	Fibre de verre	12a	260
	Fibre de carbone	12b	200
MÉTAUX PRÉCIEUX EDELMETALLE PRECIOUS MATERIALS	Or • Gold	13a	280
	Platine	13b	40



D (h10)	10
d (h6)	10
L	72
l1	22
l3	
d3	
R	
e	
Z	4
Chanfrein	0.1
K	
w° collision	