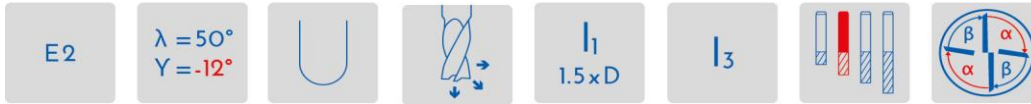


FRAISE HÉMISPHERIQUE POUR MATÉRIAUX DIFFICILES
 HALBRUND-FRÄSER FÜR HARTE WERKSTOFF
 BALL NOSE ENDMILL FOR DIFFICULT MATERIALS

21433A-12

Version du
12.06.2020

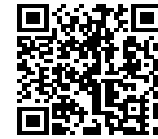


Compatibilité outil / matière
 Werkzeug / Werkstoffverträglichkeit
 Tool / Material compatibility

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

EZI - ALPHA 3

Gruppe Vc [m/min]



↑
ESHOP / EZI CUT

		1a		
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	150	●
	Rm < 1200 N/mm ²	1d	110	●
ACIERS INOX ROSTFREIE STÄHLE STAINLESS STEELS	Rm < 650 N/mm ²	2a	105	●
	Rm 650 - 950 N/mm ²	2b	105	●
	Rm > 950 N/mm ²	2c	90	●
ACIERS TREMPÉS GEHÄRTETE STÄHLE HARDENED STEELS	44 - 56 HRC	3a	75	●
	57 - 67 HRC	3b	40	●
MATÉRIAUX EXOTIQUES EXOTISCHE WERKSTOFFE EXOTIC MATERIALS	< 32 HRC	4a	70	●
	> 32 HRC	4b	50	●
GRAPHITE		5		
FONTES GUSS CAST IRON	< 32 HRC	6a	170	●
	> 32 HRC	6b	130	●
TITANE TITAN	Rm < 800 N/mm ²	7a	95	●
	800 < Rm N/mm ²	7b	75	●
ALLIAGES NICKEL NICKEL NICKEL ALLOYS	Rm < 1000 N/mm ²	8a	65	●
	1000 < Rm N/mm ²	8b	45	●
CUIVRE, LAITON, BRONZE KUPFER, MESSING, BRONZE COPPER, BRASS, BRONZE	Rm < 850 N/mm ²	9a		
	850 < Rm N/mm ²	9b		
ALUMINIUM	Si < 0.5%	10a		
	0.5% < Si < 5%	10b		
	Si > 5%	10c		
MATIÈRES SYNTHÉTIQUES KUNSTSTOFFE SYNTHETIC MATERIALS	Thermoplast	11a		
	Duraplast	11b		
MATIÈRES COMPOSITES FASERVERST. MATERIALEN COMPOSITE MATERIALS	Fibre de verre	12a		
	Fibre de carbone	12b		
MÉTAUX PRÉCIEUX EDELMETALLE PRECIOUS MATERIALS	Or • Gold	13a		
	Platine	13b		



D (h10)	12
d (h6)	12
L	83
l1	18
l3	37
d3	11.00
R	6
e	
Z	4
Chanfrein	
K	
w° collision	