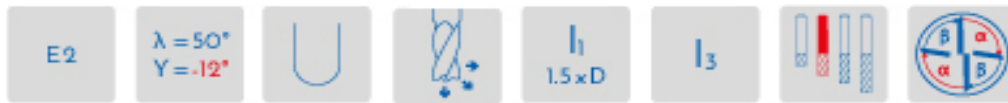


FRAISE HÉMISPHERIQUE POUR MATÉRIAUX DIFFICILES
HALBRUND-FRÄSER FÜR HARTE WERKSTOFF
BALL NOSE ENDMILL FOR DIFFICULT MATERIALS

21433A-16

Version du
21.01.2025



Compatibilité outil / matière
Werkzeug / Werkstoffverträglichkeit
Tool / Material compatibility

● 1/3
● 2/3
● 3/3

● EZI - ALPHA 3
Groupe 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	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. MATERIALIEN COMPOSITE MATERIALS	Fibre de verre	12a		
	Fibre de carbone	12b		
MÉTAUX PRÉCIEUX EDELMETALLE PRECIOUS MATERIALS	Or • Gold	13a		
	Platine	13b		



D (h10)	16
d (h6)	16
L	92
l1	24
l3	43
d3	15.00
R	8
e	
Z	4
Chanfrein	
K	
w° collision	