

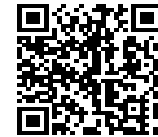
FRAISE UGV HÉMISPHERIQUE POUR MÉTAUX DUR
 HALBRUND-FRÄSER HSC
 BALL NOSE ENDMILL FOR HSC

23421X-10

Version du
 12.06.2020



Compatibilité outil / matière
 Werkzeug / Werkstoffverträglichkeit
 Tool / Material compatibility



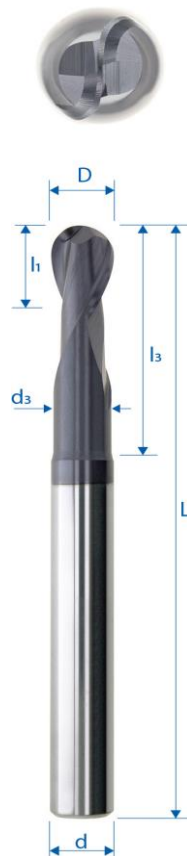
ESHOP / EZI CUT

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

EZI - DUR 3

Gruppe Vc [m/min]

		Gruppe	Vc [m/min]	
ACIERS ALLIÉS ET NON ALLIÉS UNLEGIERTE STÄHLE NON-ALLOYED STEELS	Rm < 450 N/mm ²	1a	800	●
	Rm 450 - 700 N/mm ²	1b	450	●
	Rm 700 - 900 N/mm ²	1c	380	●
	Rm < 1200 N/mm ²	1d	250	●
ACIERS INOX ROSTFREIE STÄHLE STAINLESS STEELS	Rm < 650 N/mm ²	2a	280	●
	Rm 650 - 950 N/mm ²	2b	270	●
	Rm > 950 N/mm ²	2c	270	●
ACIERS TREMPÉS GEHÄRTETE STÄHLE HARDENED STEELS	44 - 56 HRC	3a	150	●
	57 - 67 HRC	3b	125	●
MATÉRIAUX EXOTIQUES EXOTISCHE WERKSTOFFE EXOTIC MATERIALS	< 32 HRC	4a	170	●
	> 32 HRC	4b	125	●
GRAPHITE		5	540	●
FONTES GUSS CAST IRON	< 32 HRC	6a	250	●
	> 32 HRC	6b	200	●
TITANE TITAN	Rm < 800 N/mm ²	7a	230	●
	800 < Rm N/mm ²	7b	160	●
ALLIAGES NICKEL NICKEL NICKEL ALLOYS	Rm < 1000 N/mm ²	8a	150	●
	1000 < Rm N/mm ²	8b	110	●
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)	10
d (h6)	10
L	100
l1	15
l3	40
d3	9.20
R	5
e	
Z	2
Chanfrein	
K	
w° collision	