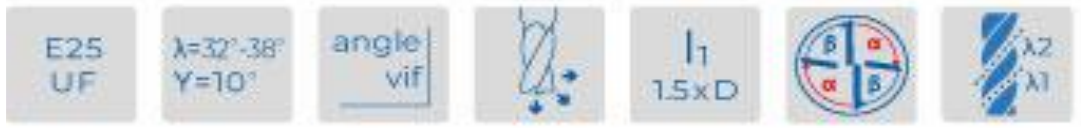
MICRO-FRAISE Z3 DE FINITION POUR COMPOSANT HORLOGER
Z3-FINISH-MIKROFRÄSER FÜR UHRENKOMPONENTE
Z3 FINISHING MICRO-END MILL FOR WATCHMAKING COMPONENT

21161T-0.5

Version du
13.06.2025



Compatibilité outil / matière
Werkzeug / Werkstoffverträglickkeit
Tool / Material compatibility

● 1/3
● 2/3
● 3/3

EZI-TISIX

ESHOP / EZI CUT

		Groupe	Vc [m/min]	
ACIERS ALLIÉS ET NON ALLIÉS UNLEGIERTE STÄHLE NON-ALLOYED STEELS	Rm < 450 N/mm²	1a	325	●
	Rm 450 - 700 N/mm²	1b	185	●
	Rm 700 - 900 N/mm²	1c	155	●
	Rm < 1200 N/mm²	1d	100	●
ACIERS INOX ROSTFREIE STÄHLE STAINLESS STEELS	Rm < 650 N/mm²	2a	130	●
	Rm 650 - 950 N/mm²	2b	110	●
	Rm > 950 N/mm²	2c	100	●
ACIERS TREMPÉS GEHÄRTETE STÄHLE HARDENED STEELS	44 - 56 HRC	3a	55	●
	57 - 67 HRC	3b	35	●
MATÉRIAUX EXOTIQUES EXOTISCHE WERKSTOFFE EXOTIC MATERIALS	< 32 HRC	4a	60	●
	> 32 HRC	4b	35	●
GRAPHITE		5	225	●
FONTES GUSS CAST IRON	< 32 HRC	6a	100	●
	> 32 HRC	6b	80	●
TITANE TITAN	Rm < 800 N/mm²	7a	90	●
	800 < Rm N/mm²	7b	70	●
ALLIAGES NICKEL NICKEL NICKEL ALLOYS	Rm < 1000 N/mm²	8a	50	●
	1000 < Rm N/mm²	8b	40	●
CUIVRE, LAITON, BRONZE KUPFER, MESSING, BRONZE COPPER, BRASS, BRONZE	Rm < 850 N/mm²	9a	450	●
	850 < Rm N/mm²	9b	320	●
ALUMINIUM	Si < 0.5%	10a	500	●
	0.5% < Si < 5%	10b	400	●
	Si > 5%	10c	250	●
MATIÈRES SYNTHÉTIQUES KUNSTSTOFFE SYNTHETIC MATERIALS	Thermoplast	11a		
	Duraplast	11b		
MATIÈRES COMPOSITES FASERVERST. MATERIALEN COMPOSITE MATERIALS	Fibre de verre	12a	200	●
	Fibre de carbone	12b	150	●
MÉTAUX PRÉCIEUX EDELMETALLE PRECIOUS MATERIALS	Or • Gold	13a	450	●
	Platine	13b	50	●

D (0/-0.01)	0.5
d (h5)	3
L	38
l1	0.75
l3	
d3	
R	
e	
Z	3
Chanfrein	
K	
w° collision	11.7°