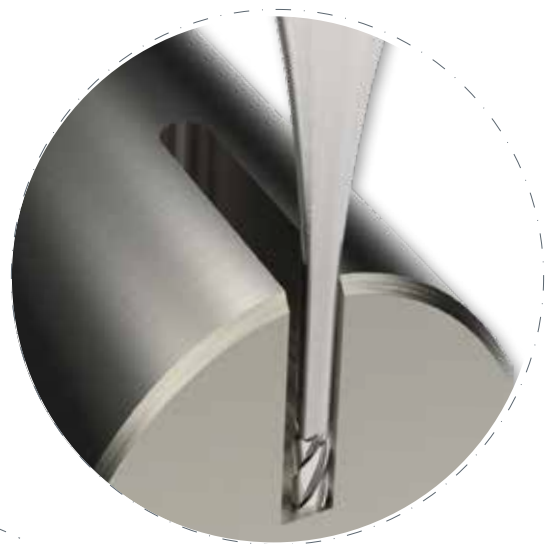


# MICRO END MILL FOR DEEP HOLES MACHINING

REF 1430 :  $l_2 = 3d_1$

REF 1450 :  $l_2 = 5d_1$



## Tool features

- Long relieved neck for deep milling
- Central cut for axial penetration
- Optimized for titanium, stainless steel and CoCr

## Result / Customer's feedback



- No burr
- Perfect surface finish
- «Phenomenally better»

# Micro end mill for deep holes machining

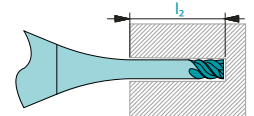
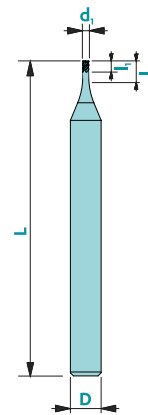
REF 1430 :  $l_2=3xd_1$  / REF 1450 :  $l_2=5xd_1$

# 1430/1450

Material	Vc uncoated	Vc coated	Uncoated	Coated	Rec. Coating
Steel < 700 N/mm <sup>2</sup>	-	-	-	-	-
Steel > 700 N/mm <sup>2</sup>	-	-	-	-	-
Stainless steel	-	40	-	■	Nemo
Cast iron	-	-	-	-	-
Copper	-	-	-	-	-
Brass - Bronze	-	-	-	-	-
Aluminium	-	-	-	-	-
Gold - Silver	-	-	-	-	-
Platinum - Palladium	-	-	-	-	-
Cobalt-chrome	-	100	-	■	Trio
Titanium	-	60	-	■	Nemo

not adapted - adapted ■ highly adapted ■

Tolerances  $d_1$ : +0/-0.01  
 $l_1$ : +0.05/0  
 $l_2$ : +0.2/0  
 D: h5  
 L: +/-0.5



## REF 1430

Art. n°	$d_1$	$l_1$	$l_2$	D	L	Z
1430d0.20	0.20	0.30	0.60	3.0	38	3
1430d0.25	0.25	0.38	0.75	3.0	38	3
1430d0.30	0.30	0.45	0.90	3.0	38	3
1430d0.35	0.35	0.52	1.05	3.0	38	4
1430d0.40	0.40	0.60	1.20	3.0	38	4
1430d0.45	0.45	0.68	1.35	3.0	38	4
1430d0.50	0.50	0.75	1.50	3.0	38	4
1430d0.60	0.60	0.90	1.80	3.0	38	4
1430d0.70	0.70	1.05	2.10	3.0	38	4
1430d0.80	0.80	1.20	2.40	3.0	38	4
1430d0.90	0.90	1.35	2.70	3.0	38	4
1430d1.00	1.00	1.50	3.00	3.0	38	4

Available uncoated or coated

Z3-4



$\lambda$  45°  $\gamma$  14°

CARB



$pas=0.8xd_1$



$ae=0.25xd_1$   
 $ap=1xd_1$

## REF 1450

Art. n°	$d_1$	$l_1$	$l_2$	D	L	Z
1450d0.20	0.20	0.30	1.00	3.0	38	3
1450d0.25	0.25	0.38	1.25	3.0	38	3
1450d0.30	0.30	0.45	1.50	3.0	38	3
1450d0.35	0.35	0.52	1.75	3.0	38	4
1450d0.40	0.40	0.60	2.00	3.0	38	4
1450d0.45	0.45	0.68	2.25	3.0	38	4
1450d0.50	0.50	0.75	2.50	3.0	38	4
1450d0.60	0.60	0.90	3.00	3.0	38	4
1450d0.70	0.70	1.05	3.50	3.0	38	4
1450d0.80	0.80	1.20	4.00	3.0	38	4
1450d0.90	0.90	1.35	4.50	3.0	38	4
1450d1.00	1.00	1.50	5.00	3.0	38	4