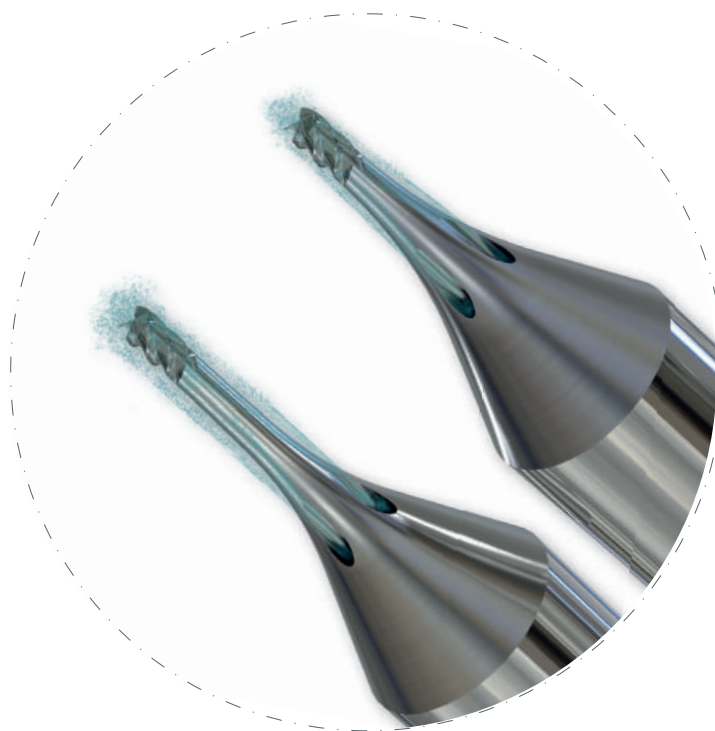


MICRO END MILL with internal coolant FOR DEEP MACHINING

REF 1430H : $l_2 = 3 \times d_1$

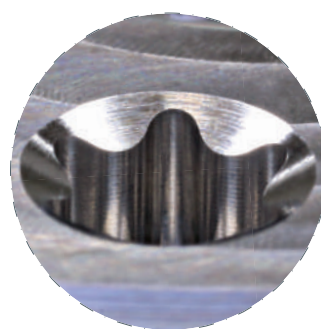
REF 1450H : $l_2 = 5 \times d_1$



**Significant reduction of burrs in
titanium and stainless steel**



Machined Torx socket with
REF 1450



Machined Torx socket with
REF 1450H

1430H / 1450H

Micro end mill with internal coolant for deep machining



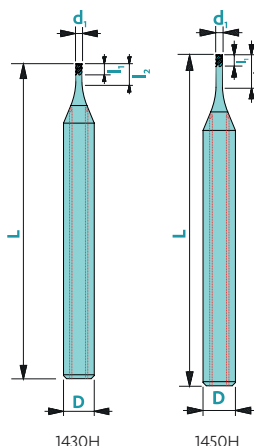
Material	Vc uncoated [m/min]	Vc coated [m/min]	Uncoated	Coated	Rec. Coating*
Steel < 700 N/mm ²	-	-	-	-	-
Steel > 700 N/mm ²	-	-	-	-	-
Stainless steel	-	40	-	■	Tisi (BO)
Cast iron	-	-	-	-	-
Copper	-	-	-	-	-
Brass - Bronze	-	-	-	-	-
Aluminium	-	-	-	-	-
Gold - Silver	130	150	■	■	Solo (DA)
Platinum - Palladium	-	-	-	-	-
Superalloys	-	100	-	■	Trio (PO)
Titanium	50	60	■	■	Nemo (NM)

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 1430H : $l_2 = 3 \times d_1$

Art. n°	d_1	l_1	l_2	D	L	Z
1430Hd0.20	0.20	0.30	0.60	3.0	38	3
1430Hd0.25	0.25	0.38	0.75	3.0	38	3
1430Hd0.30	0.30	0.45	0.90	3.0	38	3
1430Hd0.35	0.35	0.52	1.05	3.0	38	4
1430Hd0.40	0.40	0.60	1.20	3.0	38	4
1430Hd0.45	0.45	0.68	1.35	3.0	38	4
1430Hd0.50	0.50	0.75	1.50	3.0	38	4
1430Hd0.60	0.60	0.90	1.80	3.0	38	4
1430Hd0.70	0.70	1.05	2.10	3.0	38	4
1430Hd0.80	0.80	1.20	2.40	3.0	38	4
1430Hd0.90	0.90	1.35	2.70	3.0	38	4
1430Hd1.00	1.00	1.50	3.00	3.0	38	4

REF 1450H : $l_2 = 5 \times d_1$

Art. n°	d_1	l_1	l_2	D	L	Z
1450Hd0.20	0.20	0.30	1.00	3.0	38	3
1450Hd0.25	0.25	0.38	1.25	3.0	38	3
1450Hd0.30	0.30	0.45	1.50	3.0	38	3
1450Hd0.35	0.35	0.52	1.75	3.0	38	4
1450Hd0.40	0.40	0.60	2.00	3.0	38	4
1450Hd0.45	0.45	0.68	2.25	3.0	38	4
1450Hd0.50	0.50	0.75	2.50	3.0	38	4
1450Hd0.60	0.60	0.90	3.00	3.0	38	4
1450Hd0.70	0.70	1.05	3.50	3.0	38	4
1450Hd0.80	0.80	1.20	4.00	3.0	38	4
1450Hd0.90	0.90	1.35	4.50	3.0	38	4
1450Hd1.00	1.00	1.50	5.00	3.0	38	4

Available
uncoated or coated



Z3-4



λ
45°

γ
14°

CARB



$pas = 0.8 \times d_1$



$ap = l_1 \text{ max.}$
 $ae = \frac{d_1^2}{4 \times Ap}$

* Prices for coatings: contact us!

To order a coated tool, add the 2-letter coating code to the article number

LOUIS BELET

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