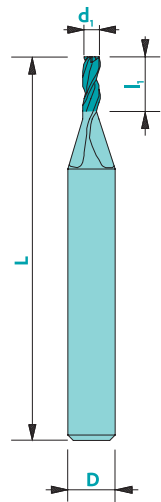
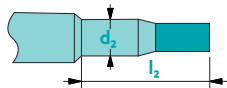


Micro end mill Z3



Upon request



Material	Vc uncoated	Vc coated	Uncoated	Coated	Rec. Coating*
Steel < 700 N/mm ²	100	130	□	■	Tisi (BQ)
Steel > 700 N/mm ²	80	100	-	■	Tisi (BQ)
Stainless steel	50	70	□	■	Tisi (BQ)
Cast iron	60	100	□	■	Tisi (BQ)
Copper	130	160	□	■	Solo (DA)
Brass - Bronze	140	190	■	□	Solo (DA)
Aluminium	200	350	□	■	Solo (DA)
Gold - Silver	140	180	■	■	Solo (DA)
Platinum - Palladium	-	35	-	□	Solo (DA)
Superalloys	-	40	-	■	Trio (PO)
Titanium	40	60	■	■	RICO (ZB)

not adapted - adapted □ highly adapted ■

Tolerances $d_1 \leq 1 \text{ mm} \rightarrow 0/-0.01$ $D: h5$
 $d_1 > 1 \text{ mm} \rightarrow 0/-0.02$
 $d_1 = D \rightarrow d_1: e8$

Available uncoated or coated (see page 308)

Z3



λ 30° γ 8-10°

CARB



$$ap = 0.25 \times d_1$$

$$ae = 0.5 \times d_1$$

$$ap = 0.5 \times d_1$$

Art. n°	d ₁	l ₁	D	L	Coating	
					Uncoat.	Trio*
102-1d0.20	0.20	0.50	3	38	▲	▲
102-1d0.30	0.30	0.80	3	38	▲	▲
102-1d0.40	0.40	1.00	3	38	▲	▲
102-1d0.50	0.50	1.50	3	38	▲	▲
102-1d0.60	0.60	2.50	3	38	▲	▲
102-1d0.70	0.70	2.50	3	38	▲	▲
102-1d0.80	0.80	2.50	3	38	▲	▲
102-1d0.90	0.90	4.00	3	38	▲	▲
102-1d1.00	1.00	4.00	3	38	▲	▲
102-1d1.10	1.10	4.00	3	38	▲	▲
102-1d1.20	1.20	4.00	3	38	▲	▲
102-1d1.30	1.30	4.00	3	38	▲	▲
102-1d1.40	1.40	4.00	3	38	▲	▲
102-1d1.50	1.50	6.00	3	38	▲	▲
102-1d1.60	1.60	6.00	3	38	▲	▲
102-1d1.70	1.70	6.00	3	38	▲	▲
102-1d1.80	1.80	6.00	3	38	▲	▲
102-1d1.90	1.90	6.00	3	38	▲	▲
102-1d2.00	2.00	6.00	3	38	▲	▲
102-1d2.10	2.10	6.00	3	38	▲	▲
102-1d2.20	2.20	6.00	3	38	▲	▲
102-1d2.30	2.30	6.00	3	38	▲	▲
102-1d2.40	2.40	6.00	3	38	▲	▲
102-1d2.50	2.50	6.00	3	38	▲	▲
102-1d2.60	2.60	6.00	3	38	▲	▲
102-1d2.70	2.70	6.00	3	38	▲	▲
102-1d2.80	2.80	6.00	3	38	▲	▲
102-1d2.90	2.90	6.00	3	38	▲	▲
102-1d3.00	3.00	6.00	3	38	▲	▲

* Prices for other coatings: contact us!
 To order a coated tool, add the 2-letter coating code to the article number