

EXPERT end mill aluminium - toric



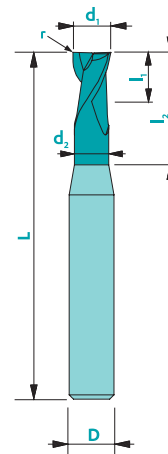
3210

Material	Vc uncoated	Vc coated	Uncoated	Coated	Rec. Coating*
Steel < 700 N/mm ²	-	-	-	-	-
Steel > 700 N/mm ²	-	-	-	-	-
Stainless steel	-	-	-	-	-
Cast iron	-	-	-	-	-
Copper	170	500	□	■	Solo (DA)
Brass - Bronze	160	500	□	■	Solo (DA)
Aluminium	280	600	□	■	Solo (DA)
Gold - Silver	160	300	□	■	Solo (DA)
Platinum - Palladium	-	-	-	-	-
Superalloys	300	800	□	■	Trio (PO)
Titanium	-	-	-	-	-

not adapted - adapted □ highly adapted ■

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

$d_2: 0/-0.2$
 $l_2: +/- 0.2$
 D: h5
 0.01



Art. n°	d_1	l_1	d_2	l_2	D	L	r		
								Uncoat.	Solo*
3210d1.00	1.0	1.0	0.95	3.0	6	57	0.20	▲	▲
3210d1.50	1.5	1.5	1.45	5.0	6	57	0.25	▲	▲
3210d2.00	2.0	3.0	1.95	6.0	6	57	0.30	▲	▲
3210d2.50	2.5	3.0	2.45	7.0	6	57	0.30	▲	▲
3210d3.00	3.0	4.0	2.80	9.0	6	57	0.50	▲	▲
3210d3.50	3.5	4.0	3.30	12.0	6	57	0.50	▲	▲
3210d4.00	4.0	5.0	3.70	13.5	6	57	0.50	▲	▲
3210d5.00	5.0	6.0	4.60	15.0	6	57	0.50	▲	▲
3210d6.00	6.0	7.0	5.50	20.0	6	57	1.00	▲	▲
3210d8.00	8.0	9.0	7.40	26.0	8	63	1.00	▲	▲
3210d10.00	10.0	11.0	9.20	31.0	10	72	1.50	▲	▲
3210d12.00	12.0	13.0	11.00	37.0	12	83	1.50	▲	▲

* Prices for other coatings: contact us!

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

Available uncoated or coated (see page 308)



0.20-1.50

Z2



λ
30°

γ
15°

CARB



$ap=0.2xd_1$



$ae=0.02xd_1$
 $ap=1xd_1$