

Ceramic end mill Z3 $l_1=2 \times d_1$ EXPERT gold



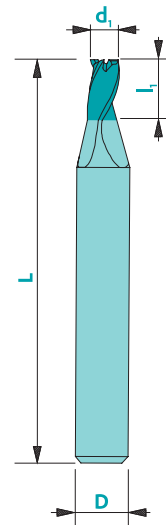
1520C01

Material	Vc uncoated [m/min]	Vc coated [m/min]	Uncoated	Coated	Rec. Coating*
Composite	-	-	-	-	-
Steel < 700 N/mm ²	-	-	-	-	-
Steel > 700 N/mm ²	-	-	-	-	-
Stainless steel	-	-	-	-	-
Cast iron	-	-	-	-	-
Copper	150-500	-	■	-	-
Brass - Bronze	250	-	■	-	-
Aluminium	100-200	-	■	-	-
Gold - Silver	200	-	■	-	-
Platinum - Palladium	-	-	-	-	-
Superalloys	-	-	-	-	-
Titanium	-	-	-	-	-

not adapted - adapted ■ highly adapted ■

Tolerances $d_1 \leq 1 \text{ mm} \rightarrow 0/-0.01$
 $d_1 > 1 \text{ mm} \rightarrow 0/-0.02$

D: h5



Art. n°	d_1	l_1	D	L	Uncoat. Price
1520C01d0.50	0.50	1.00	3	38	
1520C01d0.80	0.80	1.60	3	38	
1520C01d1.00	1.00	2.00	3	38	
1520C01d1.50	1.50	3.00	3	38	
1520C01d2.00	2.00	4.00	3	38	
1520C01d3.00	3.00	5.00	6	51	

Available
uncoated
(see page 300)



Z3



λ
30°

γ
8-10°

C01



$$ap=0.25 \times d_1$$

$$ap=l_1 \text{ max.}$$

$$ae=\frac{d_1^2}{4 \times Ap}$$

If $d_1 \leq 0.5 \text{ mm}$, a double
cone applies
(see page 317)