

UNIVERSAL END MILL Z1

For machining plastics, composites
and aluminum



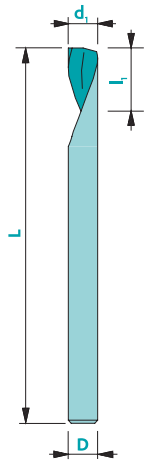
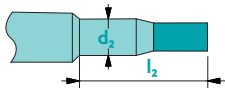
This milling cutter is known for the quality of its mirror polished flutes and exceptional edge sharpness. By choosing our **107-1** cutter, you will obtain perfect surface finishes without burrs!

107-1

Universal end mill Z1



Upon request



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	-	-	-	-	-
Cast iron	-	-	-	-	-
Copper	150	180	■	■	Solo (DA)
Brass - Bronze	-	-	-	-	-
Aluminium	200	350	■	■	Solo (DA)
Gold - Silver	140	180	■	■	Solo (DA)
Platinum - Palladium	-	35	-	■	Solo (DA)
Superalloys	-	-	-	-	-
Titanium	-	-	-	-	-
Composite	200	250	■	■	Solo (DA)
Plastic	300	350	■	■	Solo (DA)

not adapted - adapted ■ highly adapted ■

Tolerances $d_1 < D \rightarrow 0/-0.02$ $D: h5$
 $d_1 = D \rightarrow d_1: e8$

Available uncoated or coated

Z1

λ 30° **γ 24°**

CARB

$$ap = 0.25 \times d_1$$

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

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

Art. n°	d ₁	l ₁	D	L
107-1d1.00	1.0	4.0	3.0	38
107-1d1.20	1.2	6.0*	3.0	38
107-1d1.50	1.5	5.0	3.0	38
107-1d2.00	2.0	6.0	3.0	38
107-1d3.00	3.0	9.0	3.0	38
107-1d4.00	4.0	12.0	4.0	51
107-1d5.00	5.0	15.0	6.0	51
107-1d6.00	6.0	18.0	6.0	51
107-1d8.00	8.0	24.0	8.0	61
107-1d10.00	10.0	30.0	10.0	72

* l₁ available in 4.0 and 9.0 mm on request
 To order a coated tool, add the 2-letter coating code to the article number