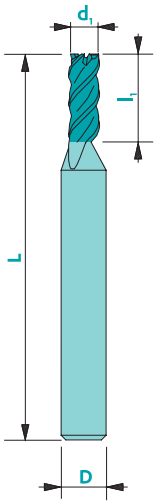
Finishing end mill Z3

Material	Vc uncoated	Vc coated	Uncoated	Coated	Rec. Coating♦
Steel < 700 N/mm²	100	130	□	■	Tisi (BQ)
Steel > 700 N/mm²	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)

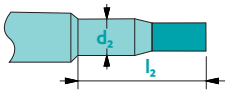
not adapted - adapted □ highly adapted ■

Tolerances

$d_1 \leq 1$ mm ▶ 0/-0.01 D: h5
$d_1 > 1$ mm ▶ 0/-0.02
$d_1 = D$ ▶ d_1: e8



Upon request



Art. n°	d_1	l_1	D	L	Uncoat.	Trio♦
104-0d0.30	0.30	1.5	3	38	▲	▲
104-0d0.35	0.35	1.5	3	38	▲	▲
104-0d0.40	0.40	2.0	3	38	▲	▲
104-0d0.45	0.45	2.0	3	38	▲	▲
104-0d0.50	0.50	2.0	3	38	▲	▲
104-0d0.55	0.55	2.0	3	38	▲	▲
104-0d0.60	0.60	2.0	3	38	▲	▲
104-0d0.65	0.65	2.0	3	38	▲	▲
104-0d0.70	0.70	2.0	3	38	▲	▲
104-0d0.75	0.75	2.0	3	38	▲	▲
104-0d0.80	0.80	3.0	3	38	▲	▲
104-0d0.85	0.85	3.0	3	38	▲	▲
104-0d0.90	0.90	3.0	3	38	▲	▲
104-0d0.95	0.95	3.0	3	38	▲	▲
104-0d1.00	1.00	3.0	3	38	▲	▲
104-0d1.10	1.10	4.0	3	38	▲	▲
104-0d1.20	1.20	5.0	3	38	▲	▲
104-0d1.30	1.30	5.0	3	38	▲	▲
104-0d1.40	1.40	5.0	3	38	▲	▲
104-0d1.50	1.50	5.0	3	38	▲	▲
104-0d1.60	1.60	5.0	3	38	▲	▲
104-0d1.70	1.70	5.0	3	38	▲	▲
104-0d1.80	1.80	6.0	3	38	▲	▲
104-0d1.90	1.90	6.0	3	38	▲	▲
104-0d2.00	2.00	6.0	3	38	▲	▲
104-0d2.50	2.50	6.0	3	38	▲	▲
104-0d3.00	3.00	9.0	3	38	▲	▲
104-0d3.50	3.50	9.0	6	51	▲	▲
104-0d4.00	4.00	12.0	6	51	▲	▲
104-0d4.50	4.50	12.0	6	51	▲	▲

Art. n°	d_1	l_1	D	L	Uncoat.	Trio♦
104-0d5.00	5.00	15.0	6	51	▲	▲
104-0d5.50	5.50	15.0	6	51	▲	▲
104-0d6.00	6.00	18.0	6	51	▲	▲
104-0d7.00	7.00	20.0	8	61	▲	▲
104-0d8.00	8.00	20.0	8	61	▲	▲
104-0d9.00	9.00	20.0	10	72	▲	▲
104-0d10.00	10.00	22.0	10	72	▲	▲
104-0d12.00	12.00	22.0	12	83	▲	▲

Available uncoated or coated (see page 308)

Z3

λ 45°

γ 8-10°

CARB

ap=0.25xd$_1$

ae=0.5xd$_1$
ap=0.5xd$_1$

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