

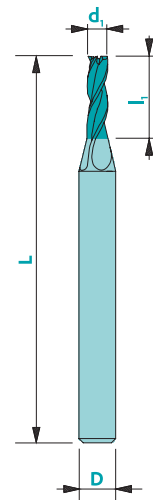
End mill Z3 $l_1=4xd_1$

1540

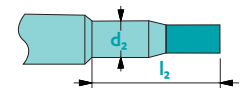
Material	Vc uncoated	Vc coated	Uncoated	Coated	Rec. Coating*
Steel < 700 N/mm ²	100	130	□	■	Tisi (BQ)
Steel > 700 N/mm ²	80	100	-	■	Tisi (BQ)
Stainless steel	50	70	□	■	Tisi (BQ)
Cast iron	60	100	□	■	Tisi (BQ)
Copper	130	160	□	■	Solo (DA)
Brass - Bronze	140	190	■	□	Solo (DA)
Aluminium	200	350	□	■	Solo (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 $d_1 \leq 1 \text{ mm}$ ▶ 0/-0.01 $D: h5$
 $d_1 > 1 \text{ mm}$ ▶ 0/-0.02
 $d_1 = D$ ▶ $d_1: e8$



Upon request



Art. n°	d_1	l_1	D	L			Art. n°	d_1	l_1	D	L		
					Uncoat.	Trio*						Uncoat.	Trio*
1540d0.50	0.50	2.0	3	51	▲	▲	1540d2.05	2.05	8.2	3	51	▲	▲
1540d0.55	0.55	2.2	3	51	▲	▲	1540d2.10	2.10	8.4	3	51	▲	▲
1540d0.60	0.60	2.4	3	51	▲	▲	1540d2.15	2.15	8.6	3	51	▲	▲
1540d0.65	0.65	2.6	3	51	▲	▲	1540d2.20	2.20	8.8	3	51	▲	▲
1540d0.70	0.70	2.8	3	51	▲	▲	1540d2.25	2.25	9.0	3	51	▲	▲
1540d0.75	0.75	3.0	3	51	▲	▲	1540d2.30	2.30	9.2	3	51	▲	▲
1540d0.80	0.80	3.2	3	51	▲	▲	1540d2.35	2.35	9.4	3	51	▲	▲
1540d0.85	0.85	3.4	3	51	▲	▲	1540d2.40	2.40	9.6	3	51	▲	▲
1540d0.90	0.90	3.6	3	51	▲	▲	1540d2.45	2.45	9.8	3	51	▲	▲
1540d0.95	0.95	3.8	3	51	▲	▲	1540d2.50	2.50	10.0	3	51	▲	▲
1540d1.00	1.00	4.0	3	51	▲	▲	1540d2.55	2.55	10.2	3	51	▲	▲
1540d1.05	1.05	4.2	3	51	▲	▲	1540d2.60	2.60	10.4	3	51	▲	▲
1540d1.10	1.10	4.4	3	51	▲	▲	1540d2.65	2.65	10.6	3	51	▲	▲
1540d1.15	1.15	4.6	3	51	▲	▲	1540d2.70	2.70	10.8	3	51	▲	▲
1540d1.20	1.20	4.8	3	51	▲	▲	1540d2.75	2.75	11.0	3	51	▲	▲
1540d1.25	1.25	5.0	3	51	▲	▲	1540d2.80	2.80	11.2	3	51	▲	▲
1540d1.30	1.30	5.2	3	51	▲	▲	1540d2.85	2.85	11.4	3	51	▲	▲
1540d1.35	1.35	5.4	3	51	▲	▲	1540d2.90	2.90	11.6	3	51	▲	▲
1540d1.40	1.40	5.6	3	51	▲	▲	1540d2.95	2.95	11.8	3	51	▲	▲
1540d1.45	1.45	5.8	3	51	▲	▲	1540d3.00	3.00	12.0	6	51	▲	▲
1540d1.50	1.50	6.0	3	51	▲	▲	1540d3.10	3.10	12.4	6	51	▲	▲
1540d1.55	1.55	6.2	3	51	▲	▲	1540d3.20	3.20	12.8	6	51	▲	▲
1540d1.60	1.60	6.4	3	51	▲	▲	1540d3.30	3.30	13.2	6	51	▲	▲
1540d1.65	1.65	6.6	3	51	▲	▲	1540d3.40	3.40	13.6	6	51	▲	▲
1540d1.70	1.70	6.8	3	51	▲	▲	1540d3.50	3.50	14.0	6	51	▲	▲
1540d1.75	1.75	7.0	3	51	▲	▲	1540d3.60	3.60	14.4	6	51	▲	▲
1540d1.80	1.80	7.2	3	51	▲	▲	1540d3.70	3.70	14.8	6	51	▲	▲
1540d1.85	1.85	7.4	3	51	▲	▲	1540d3.80	3.80	15.2	6	51	▲	▲
1540d1.90	1.90	7.6	3	51	▲	▲	1540d3.90	3.90	15.6	6	51	▲	▲
1540d1.95	1.95	7.8	3	51	▲	▲	1540d4.00	4.00	16.0	6	51	▲	▲
1540d2.00	2.00	8.0	3	51	▲	▲	1540d4.10	4.10	16.4	6	51	▲	▲

Available uncoated or coated (see page 308)

Z3



λ 30° 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



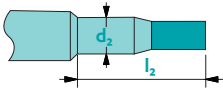
1540

Continuation

End mill Z3 $l_1=4 \times d_1$



Upon request



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*
1540d4.20	4.20	16.8	6	51	▲	▲
1540d4.30	4.30	17.2	6	51	▲	▲
1540d4.40	4.40	17.6	6	51	▲	▲
1540d4.50	4.50	18.0	6	51	▲	▲
1540d4.60	4.60	18.4	6	51	▲	▲
1540d4.70	4.70	18.8	6	51	▲	▲
1540d4.80	4.80	19.2	6	51	▲	▲
1540d4.90	4.90	19.6	6	51	▲	▲
1540d5.00	5.00	20.0	6	57	▲	▲
1540d5.10	5.10	20.4	6	57	▲	▲
1540d5.20	5.20	20.8	6	57	▲	▲
1540d5.30	5.30	21.2	6	57	▲	▲
1540d5.40	5.40	21.6	6	57	▲	▲
1540d5.50	5.50	22.0	6	57	▲	▲
1540d5.60	5.60	22.4	6	57	▲	▲
1540d5.70	5.70	22.8	6	57	▲	▲
1540d5.80	5.80	23.2	6	57	▲	▲
1540d5.90	5.90	23.6	6	57	▲	▲
1540d6.00	6.00	24.0	6	57	▲	▲
1540d6.50	6.50	26.0	8	72	▲	▲
1540d7.00	7.00	28.0	8	72	▲	▲
1540d7.50	7.50	30.0	8	72	▲	▲
1540d8.00	8.00	32.0	8	72	▲	▲
1540d8.50	8.50	34.0	10	92	▲	▲
1540d9.00	9.00	36.0	10	92	▲	▲
1540d9.50	9.50	38.0	10	92	▲	▲
1540d10.00	10.00	40.0	10	92	▲	▲
1540d11.00	11.00	44.0	11	92	▲	▲
1540d12.00	12.00	48.0	12	104	▲	▲
1540d13.00	13.00	52.0	13	104	▲	▲
1540d14.00	14.00	56.0	14	120	▲	▲
1540d15.00	15.00	60.0	15	130	▲	▲
1540d16.00	16.00	64.0	16	130	▲	▲

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