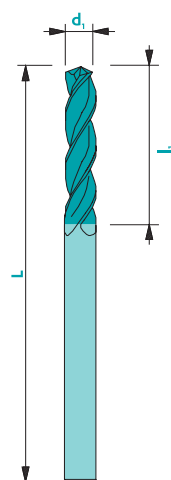


Twist drill Z3



Material	Vc uncoated	Vc coated	Uncoated	Coated	Rec. Coating*
Steel < 700 N/mm ²	70	80	□	□	Tisi (BQ)
Steel > 700 N/mm ²	60	70	□	□	Tisi (BQ)
Stainless steel	20	40	□	□	Tisi (BQ)
Cast iron	60	70	□	□	Tisi (BQ)
Copper	100	130	□	□	Solo (DA)
Brass - Bronze	80	120	■	■	Solo (DA)
Aluminium	100	120	□	□	Solo (DA)
Gold - Silver	80	100	■	■	Solo (DA)
Platinum - Palladium	-	20	-	□	Solo (DA)
Superalloys	-	25	-	■	Trio (PO)
Titanium	40	60	■	■	Rico (ZB)

not adapted - adapted □ highly adapted ■

Tolerances $d_1: h5$

Available
uncoated or coated
(see page 308)



140°

Z3



λ
34°

CARB

Art. n°	d_1	l_1	L	Uncoat.	Rico/ DARK*
353-1d1.00	1.00	6.0	38	▲	▲
353-1d1.10	1.10	6.5	38	▲	▲
353-1d1.20	1.20	7.5	38	▲	▲
353-1d1.30	1.30	7.5	38	▲	▲
353-1d1.40	1.40	8.5	38	▲	▲
353-1d1.50	1.50	8.5	38	▲	▲
353-1d1.60	1.60	9.5	38	▲	▲
353-1d1.70	1.70	9.5	38	▲	▲
353-1d1.80	1.80	10.5	38	▲	▲
353-1d1.90	1.90	10.5	38	▲	▲
353-1d2.00	2.00	11.5	38	▲	▲
353-1d2.10	2.10	11.5	38	▲	▲
353-1d2.20	2.20	12.5	40	▲	▲
353-1d2.30	2.30	12.5	40	▲	▲
353-1d2.40	2.40	13.5	43	▲	▲
353-1d2.50	2.50	13.5	43	▲	▲
353-1d2.60	2.60	13.5	43	▲	▲
353-1d2.70	2.70	15.5	46	▲	▲
353-1d2.80	2.80	15.5	46	▲	▲
353-1d2.90	2.90	15.5	46	▲	▲
353-1d3.00	3.00	15.5	46	▲	▲
353-1d3.10	3.10	17.0	49	▲	▲
353-1d3.20	3.20	17.0	49	▲	▲
353-1d3.30	3.30	17.0	49	▲	▲
353-1d3.40	3.40	19.0	52	▲	▲
353-1d3.50	3.50	19.0	52	▲	▲
353-1d3.60	3.60	19.0	52	▲	▲
353-1d3.70	3.70	19.0	52	▲	▲
353-1d3.80	3.80	21.0	55	▲	▲

Art. n°	d_1	l_1	L	Uncoat.	Rico/ DARK*
353-1d3.90	3.90	21.0	55	▲	▲
353-1d4.00	4.00	21.0	55	▲	▲
353-1d4.10	4.10	21.0	55	▲	▲
353-1d4.20	4.20	21.0	55	▲	▲
353-1d4.30	4.30	22.5	58	▲	▲
353-1d4.40	4.40	22.5	58	▲	▲
353-1d4.50	4.50	22.5	58	▲	▲
353-1d4.60	4.60	22.5	58	▲	▲
353-1d4.70	4.70	22.5	58	▲	▲
353-1d4.80	4.80	24.5	62	▲	▲
353-1d4.90	4.90	24.5	62	▲	▲
353-1d5.00	5.00	24.5	62	▲	▲
353-1d5.10	5.10	24.5	62	▲	▲
353-1d5.20	5.20	24.5	62	▲	▲
353-1d5.30	5.30	24.5	62	▲	▲
353-1d5.40	5.40	26.0	66	▲	▲
353-1d5.50	5.50	26.0	66	▲	▲
353-1d5.60	5.60	26.0	66	▲	▲
353-1d5.70	5.70	26.0	66	▲	▲
353-1d5.80	5.80	26.0	66	▲	▲
353-1d5.90	5.90	26.0	66	▲	▲
353-1d6.00	6.00	26.0	66	▲	▲
353-1d6.10	6.10	28.5	70	▲	▲
353-1d6.20	6.20	28.5	70	▲	▲
353-1d6.30	6.30	28.5	70	▲	▲
353-1d6.40	6.40	28.5	70	▲	▲
353-1d6.50	6.50	28.5	70	▲	▲
353-1d6.60	6.60	28.5	70	▲	▲
353-1d6.70	6.70	28.5	70	▲	▲

* Prices for other coatings: contact us!

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



Twist drill Z3

353-1

Continuation

Art. n°	d _t	l _t	L	Uncoat.	Rico/ DARK
353-1d6.80	6.80	31.0	74	▲	▲
353-1d6.90	6.90	31.0	74	▲	▲
353-1d7.00	7.00	31.0	74	▲	▲
353-1d7.10	7.10	31.0	74	▲	▲
353-1d7.20	7.20	31.0	74	▲	▲
353-1d7.30	7.30	31.0	74	▲	▲
353-1d7.40	7.40	31.0	74	▲	▲
353-1d7.50	7.50	31.0	74	▲	▲
353-1d7.60	7.60	34.0	79	▲	▲
353-1d7.70	7.70	34.0	79	▲	▲
353-1d7.80	7.80	34.0	79	▲	▲
353-1d7.90	7.90	34.0	79	▲	▲
353-1d8.00	8.00	34.0	79	▲	▲
353-1d8.10	8.10	34.0	79	▲	▲
353-1d8.20	8.20	34.0	79	▲	▲
353-1d8.30	8.30	34.0	79	▲	▲
353-1d8.40	8.40	34.0	79	▲	▲
353-1d8.50	8.50	34.0	79	▲	▲
353-1d8.60	8.60	36.5	84	▲	▲
353-1d8.70	8.70	36.5	84	▲	▲
353-1d8.80	8.80	36.5	84	▲	▲
353-1d8.90	8.90	36.5	84	▲	▲
353-1d9.00	9.00	36.5	84	▲	▲
353-1d9.10	9.10	36.5	84	▲	▲
353-1d9.20	9.20	36.5	84	▲	▲
353-1d9.30	9.30	36.5	84	▲	▲
353-1d9.40	9.40	36.5	84	▲	▲
353-1d9.50	9.50	36.5	84	▲	▲
353-1d9.60	9.60	39.0	89	▲	▲
353-1d9.70	9.70	39.0	89	▲	▲
353-1d9.80	9.80	39.0	89	▲	▲
353-1d9.90	9.90	39.0	89	▲	▲
353-1d10.00	10.00	39.0	89	▲	▲
353-1d10.20	10.20	39.0	89	▲	▲
353-1d10.50	10.50	39.0	89	▲	▲
353-1d11.00	11.00	43.0	95	▲	▲
353-1d11.50	11.50	43.0	95	▲	▲
353-1d12.00	12.00	47.0	102	▲	▲



Available
uncoated or coated
(see page 308)



140°

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λ
34°

CARB

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