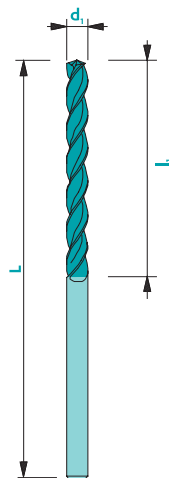


Twist drill Z3 - long serie



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)



Z3



**λ
34°**

CARB

Art. n°	d_1	l_1	L	Uncoat.	Rico/ DARK*
353-2d1.00	1.00	11.5	38	▲	▲
353-2d1.10	1.10	13.0	38	▲	▲
353-2d1.20	1.20	15.0	38	▲	▲
353-2d1.30	1.30	15.0	38	▲	▲
353-2d1.40	1.40	17.0	40	▲	▲
353-2d1.50	1.50	17.0	40	▲	▲
353-2d1.60	1.60	19.0	43	▲	▲
353-2d1.70	1.70	19.0	43	▲	▲
353-2d1.80	1.80	21.0	46	▲	▲
353-2d1.90	1.90	21.0	46	▲	▲
353-2d2.00	2.00	22.0	49	▲	▲
353-2d2.10	2.10	22.0	49	▲	▲
353-2d2.20	2.20	25.0	53	▲	▲
353-2d2.30	2.30	25.0	53	▲	▲
353-2d2.40	2.40	28.0	57	▲	▲
353-2d2.50	2.50	28.0	57	▲	▲
353-2d2.60	2.60	28.0	57	▲	▲
353-2d2.70	2.70	31.0	61	▲	▲
353-2d2.80	2.80	31.0	61	▲	▲
353-2d2.90	2.90	31.0	61	▲	▲
353-2d3.00	3.00	31.0	61	▲	▲
353-2d3.10	3.10	34.0	65	▲	▲
353-2d3.20	3.20	34.0	65	▲	▲
353-2d3.30	3.30	34.0	65	▲	▲
353-2d3.40	3.40	37.0	70	▲	▲
353-2d3.50	3.50	37.0	70	▲	▲
353-2d3.60	3.60	37.0	70	▲	▲
353-2d3.70	3.70	37.0	70	▲	▲
353-2d3.80	3.80	41.0	75	▲	▲
353-2d3.90	3.90	41.0	75	▲	▲

Art. n°	d_1	l_1	L	Uncoat.	Rico/ DARK*
353-2d4.00	4.00	41.0	75	▲	▲
353-2d4.10	4.10	41.0	75	▲	▲
353-2d4.20	4.20	41.0	75	▲	▲
353-2d4.30	4.30	45.0	80	▲	▲
353-2d4.40	4.40	45.0	80	▲	▲
353-2d4.50	4.50	45.0	80	▲	▲
353-2d4.60	4.60	45.0	80	▲	▲
353-2d4.70	4.70	45.0	80	▲	▲
353-2d4.80	4.80	50.0	86	▲	▲
353-2d4.90	4.90	50.0	86	▲	▲
353-2d5.00	5.00	50.0	86	▲	▲
353-2d5.10	5.10	50.0	86	▲	▲
353-2d5.20	5.20	50.0	86	▲	▲
353-2d5.30	5.30	50.0	86	▲	▲
353-2d5.40	5.40	55.0	93	▲	▲
353-2d5.50	5.50	55.0	93	▲	▲
353-2d5.60	5.60	55.0	93	▲	▲
353-2d5.70	5.70	55.0	93	▲	▲
353-2d5.80	5.80	55.0	93	▲	▲
353-2d5.90	5.90	55.0	93	▲	▲
353-2d6.00	6.00	55.0	93	▲	▲
353-2d6.10	6.10	60.0	101	▲	▲
353-2d6.20	6.20	60.0	101	▲	▲
353-2d6.30	6.30	60.0	101	▲	▲
353-2d6.40	6.40	60.0	101	▲	▲
353-2d6.50	6.50	60.0	101	▲	▲
353-2d6.60	6.60	60.0	101	▲	▲
353-2d6.70	6.70	60.0	101	▲	▲
353-2d6.80	6.80	66.0	109	▲	▲
353-2d6.90	6.90	66.0	109	▲	▲

* Prices for other coatings: contact us!

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



Twist drill Z3 - long serie

353-2

Continuation

Art. n°	d ₁	l ₁	L	Uncoat.	Rico/ DARK
353-2d7.00	7.00	66.0	109	▲	▲
353-2d7.10	7.10	66.0	109	▲	▲
353-2d7.20	7.20	66.0	109	▲	▲
353-2d7.30	7.30	66.0	109	▲	▲
353-2d7.40	7.40	66.0	109	▲	▲
353-2d7.50	7.50	66.0	109	▲	▲
353-2d7.60	7.60	72.0	117	▲	▲
353-2d7.70	7.70	72.0	117	▲	▲
353-2d7.80	7.80	72.0	117	▲	▲
353-2d7.90	7.90	72.0	117	▲	▲
353-2d8.00	8.00	72.0	117	▲	▲
353-2d8.10	8.10	72.0	117	▲	▲
353-2d8.20	8.20	72.0	117	▲	▲
353-2d8.30	8.30	72.0	117	▲	▲
353-2d8.40	8.40	72.0	117	▲	▲
353-2d8.50	8.50	72.0	117	▲	▲
353-2d8.60	8.60	78.0	125	▲	▲
353-2d8.70	8.70	78.0	125	▲	▲
353-2d8.80	8.80	78.0	125	▲	▲
353-2d8.90	8.90	78.0	125	▲	▲
353-2d9.00	9.00	78.0	125	▲	▲
353-2d9.10	9.10	78.0	125	▲	▲
353-2d9.20	9.20	78.0	125	▲	▲
353-2d9.30	9.30	78.0	125	▲	▲
353-2d9.40	9.40	78.0	125	▲	▲
353-2d9.50	9.50	78.0	125	▲	▲
353-2d9.60	9.60	84.0	133	▲	▲
353-2d9.70	9.70	84.0	133	▲	▲
353-2d9.80	9.80	84.0	133	▲	▲
353-2d9.90	9.90	84.0	133	▲	▲
353-2d10.00	10.00	84.0	133	▲	▲
353-2d10.20	10.20	84.0	133	▲	▲
353-2d10.50	10.50	84.0	133	▲	▲
353-2d11.00	11.00	91.0	142	▲	▲
353-2d11.50	11.50	91.0	142	▲	▲
353-2d12.00	12.00	98.0	151	▲	▲
353-2d12.50	12.50	98.0	151	▲	▲
353-2d13.00	13.00	98.0	151	▲	▲
353-2d13.50	13.50	105.0	160	▲	▲
353-2d14.00	14.00	105.0	160	▲	▲



Available
uncoated or coated
(see page 308)



140°

Z3



λ
34°

CARB

♦ Prices for other coatings: contact us!

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