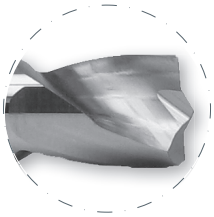
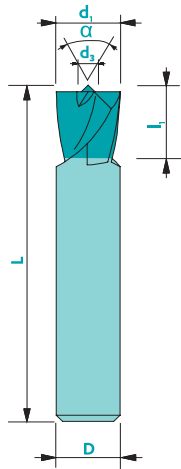
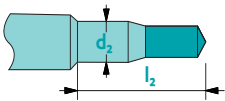


Twist drill with centering tip



Upon request



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

not adapted - adapted highly adapted

Tolerances $d_1 < > D$ $d_1 = D$ $D: h5$
 $d_3: -0.002/-0.004$ $d_3: h5$

Available uncoated or coated (see page 308)

Z2

λ 24°

CARB

Art. n°	d ₁	l ₁	d ₃	D	L		
						Uncoat.	Nemo*
338d2.00	2.00	8.0	0.65	3	33	▲	▲
338d2.10	2.10	8.0	0.70	3	33	▲	▲
338d2.20	2.20	8.0	0.75	3	33	▲	▲
338d2.30	2.30	8.0	0.75	3	33	▲	▲
338d2.40	2.40	8.0	0.80	3	33	▲	▲
338d2.50	2.50	8.0	0.85	3	33	▲	▲
338d2.60	2.60	8.0	0.85	3	33	▲	▲
338d2.70	2.70	8.0	0.90	3	33	▲	▲
338d2.80	2.80	8.0	0.95	3	33	▲	▲
338d2.90	2.90	8.0	0.95	3	33	▲	▲
338d3.00	3.00	8.0	1.00	3	33	▲	▲
338d3.10	3.10	8.0	1.05	4	33	▲	▲
338d3.20	3.20	8.0	1.05	4	33	▲	▲
338d3.30	3.30	8.0	1.10	4	33	▲	▲
338d3.40	3.40	8.0	1.15	4	33	▲	▲
338d3.50	3.50	8.0	1.15	4	33	▲	▲
338d3.60	3.60	8.0	1.20	4	33	▲	▲
338d3.70	3.70	8.0	1.25	4	33	▲	▲
338d3.80	3.80	8.0	1.25	4	33	▲	▲
338d3.90	3.90	8.0	1.30	4	33	▲	▲
338d4.00	4.00	8.0	1.35	4	33	▲	▲
338d4.10	4.10	8.0	1.35	5	33	▲	▲
338d4.20	4.20	8.0	1.40	5	33	▲	▲
338d4.30	4.30	8.0	1.45	5	33	▲	▲
338d4.40	4.40	8.0	1.45	5	33	▲	▲
338d4.50	4.50	8.0	1.50	5	33	▲	▲
338d4.60	4.60	8.0	1.55	5	33	▲	▲
338d4.70	4.70	8.0	1.55	5	33	▲	▲

Art. n°	d ₁	l ₁	d ₃	D	L		
						Uncoat.	Nemo*
338d4.80	4.80	8.0	1.60	5	33	▲	▲
338d4.90	4.90	8.0	1.65	5	33	▲	▲
338d5.00	5.00	8.0	1.65	5	33	▲	▲
338d5.10	5.10	8.0	1.70	6	33	▲	▲
338d5.20	5.20	8.0	1.75	6	33	▲	▲
338d5.30	5.30	8.0	1.75	6	33	▲	▲
338d5.40	5.40	8.0	1.80	6	33	▲	▲
338d5.50	5.50	8.0	1.85	6	33	▲	▲
338d5.60	5.60	8.0	1.85	6	33	▲	▲
338d5.70	5.70	8.0	1.90	6	33	▲	▲
338d5.80	5.80	8.0	1.95	6	33	▲	▲
338d5.90	5.90	8.0	1.95	6	33	▲	▲
338d6.00	6.00	8.0	2.00	6	33	▲	▲
338d6.50	6.50	8.0	2.15	7	33	▲	▲
338d7.00	7.00	8.0	2.35	7	33	▲	▲
338d7.50	7.50	8.0	2.50	8	33	▲	▲
338d8.00	8.00	8.0	2.65	8	33	▲	▲

Centering tip diameter*:

d₃: _____

Centering tip angle (α)*:

90° 120° Other : _____

* Unless you specify otherwise, the diameter of the centering tip will be 1/3 of d₁ and the point angle will be 120°

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