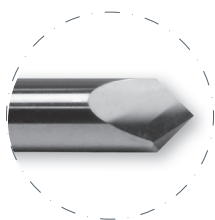
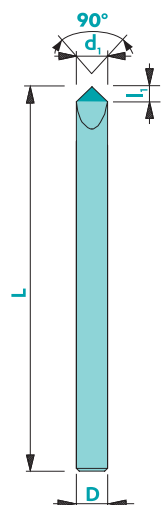
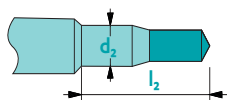


Pyramid center drill



Upon request



Material	Vc uncoated	Vc coated	Uncoated	Coated	Rec. Coating*
Steel < 700 N/mm ²	-	-	-	-	-
Steel > 700 N/mm ²	-	-	-	-	-
Stainless steel	60	70	■	■	Tisi (BQ)
Cast iron	30	35	■	■	Tisi (BQ)
Copper	-	-	-	-	-
Brass - Bronze	80	120	■	■	Solo (DA)
Aluminium	-	-	-	-	-
Gold - Silver	-	-	-	-	-
Platinum - Palladium	-	-	-	-	-
Superalloys	-	25	-	■	Trio (PO)
Titanium	-	-	-	-	-

not adapted - adapted ■ highly adapted ■

Tolerances $d_1 \pm 3 \rightarrow 0/-0.01$ $l_1 \pm 0.2/-0$
 $d_1 = 3 \rightarrow h5$ $D: h5$

Available
uncoated or coated
(see page 308)



Z2



**Y
0°**

CARB

Art. n°	d_1	l_1	D	L	Uncoat.	Nemo*
331-90d0.40	0.40	2.0	3.0	38	▲	▲
331-90d0.50	0.50	2.0	3.0	38	▲	▲
331-90d0.60	0.60	2.0	3.0	38	▲	▲
331-90d0.70	0.70	2.0	3.0	38	▲	▲
331-90d0.80	0.80	2.0	3.0	38	▲	▲
331-90d0.90	0.90	2.0	3.0	38	▲	▲
331-90d1.00	1.00	2.0	3.0	38	▲	▲
331-90d1.10	1.10	2.0	3.0	38	▲	▲
331-90d1.20	1.20	2.0	3.0	38	▲	▲
331-90d1.30	1.30	2.5	3.0	38	▲	▲
331-90d1.40	1.40	2.5	3.0	38	▲	▲
331-90d1.50	1.50	3.0	3.0	38	▲	▲
331-90d1.60	1.60	3.0	3.0	38	▲	▲
331-90d1.70	1.70	3.0	3.0	38	▲	▲
331-90d1.80	1.80	3.0	3.0	38	▲	▲
331-90d1.90	1.90	3.0	3.0	38	▲	▲
331-90d2.00	2.00	4.0	3.0	38	▲	▲
331-90d2.50	2.50	4.5	3.0	38	▲	▲
331-90d3.00	3.00	-	3.0	38	▲	▲

* Prices for other coatings: contact us!

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