

Garant**Deep hole drill HSS-E, TiAlN, Ø DC h8: 2 mm****Order data**

Order number	116063 2
GTIN	4045197871022
Item class	11B

Description**Version:**

Significantly **strengthened core** without taper.

Precision ground point.

With **specially shaped slots**. Designed for deep holes up to 10×D and materials with critical chip formation characteristics.

With **TiAlN coating** for long tool lives.

Recommendation:**Maximum drilling depth:**

$$L_2 = L_c - 1.5 \times D_c.$$

Note:

Suitable NC spotting drills No. 112120, 112140 and 112170 with **142° tip angle** for enhanced process reliability

Through-coolant: no

Standard: DIN 340

Tolerance nominal Ø: h8

Point angle: 130 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth L_2 : 53 mm

Flute length L_c : 56 mm

Overall length L: 85 mm

Shank Ø D_s : 2 mm

Feed f in steel < 750 N/mm²: 0.03 mm/rev.

Technical description

Standard	DIN 340
Overall length L	85 mm

Tolerance nominal Ø	h8
Number of cutting edges Z	2
recommended maximum drilling depth L ₂	53 mm
Shank Ø D _s	2 mm
Nominal Ø D _c	2 mm
Flute length L _c	56 mm
Feed f in steel < 750 N/mm ²	0.03 mm/rev.
Point angle	130 degrees
Coating	TiAlN
Tool material	HSS E
Type	FS
Helix angle	38 degrees
Shank	Plain shank
Through-coolant	no
Colour ring	without
Type of product	Jobber drill