

Garant
Deep hole drill HSS-E, TiAlN, Ø DC h8: 3 mm

Order data

Order number	116063 3
GTIN	4045197871121
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 : 61.5 mm

Flute length L_c : 66 mm

Overall length L: 100 mm

Shank Ø D_s : 3 mm

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

Technical description

recommended maximum drilling depth L_2	61.5 mm
Number of cutting edges Z	2

Shank Ø D _s	3 mm
Tolerance nominal Ø	h8
Nominal Ø D _c	3 mm
Flute length L _c	66 mm
Feed f in steel < 750 N/mm ²	0.03 mm/rev.
Overall length L	100 mm
Standard	DIN 340
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