

## Garant

### Deep hole drill HSS-E, TiAlN, Ø DC h8: 5 mm



#### Order data

Order number	116063 5
GTIN	4045197871268
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  $L_2$ : 79.5 mm

Flute length  $L_c$ : 87 mm

Overall length L: 132 mm

Shank Ø  $D_s$ : 5 mm

Feed  $f$  in steel < 750 N/mm<sup>2</sup>: 0.05 mm/rev.

#### Technical description

Nominal Ø $D_c$	5 mm
Number of cutting edges Z	2

Standard	DIN 340
Overall length L	132 mm
Tolerance nominal $\varnothing$	h8
Feed f in steel < 750 N/mm <sup>2</sup>	0.05 mm/rev.
recommended maximum drilling depth L <sub>2</sub>	79.5 mm
Flute length L <sub>c</sub>	87 mm
Shank $\varnothing$ D <sub>s</sub>	5 mm
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