

## Garant

### Jobber drill, long, HSS-E N, uncoated, Ø DC h8: 1,7 mm



#### Order data

|              |               |
|--------------|---------------|
| Order number | 116065 1,7    |
| GTIN         | 4045197363947 |
| Item class   | 11B           |

#### Description

##### Version:

Profile ground. Standard core thickness and core taper. Bright finish.  
With point geometry shape AC from 2 mm.

##### Advantage:

For drilling with drill bushes or long reach applications.  
For high-tensile tempered steels, **including TOOLOX**.

##### Recommendation:

##### Maximum drilling depth:

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

##### Note:

Suitable NC spotting drills No. 112103, 112110 and 112160 with **120° tip angle** for enhanced process reliability

Through-coolant: no

Standard: DIN 340

Tolerance nominal Ø: h8

Point angle: 118 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth  $L_2$ : 47.5 mm

Flute length  $L_c$ : 50 mm

Overall length L: 76 mm

Shank Ø  $D_s$ : 1.7 mm

Feed  $f$  in steel < 1100 N/mm<sup>2</sup>: 0.01 mm/rev.

#### Technical description

|                           |       |
|---------------------------|-------|
| Flute length $L_c$        | 50 mm |
| Number of cutting edges Z | 2     |

|   |               |
|---|---------------|
| Nominal $\varnothing D_c$                         | 1.7 mm        |
| Feed f in steel < 1100 N/mm <sup>2</sup>          | 0.01 mm/rev.  |
| Tolerance nominal $\varnothing$                   | h8            |
| Shank $\varnothing D_s$                           | 1.7 mm        |
| Overall length L                                  | 76 mm         |
| Standard  | DIN 340       |
| recommended maximum drilling depth L <sub>2</sub> | 47.5 mm       |
| Point angle                                       | 118 degrees   |
| Coating   | uncoated      |
| Tool material                                     | HSS E         |
| Type  | N             |
| Helix angle                                       | 35-40 degrees |
| Shank   | Plain shank   |
| Through-coolant                                   | no            |
| Colour ring                                       | red           |
| Type of product                                   | Jobber drill  |