

Garant

Jobber drill, long, HSS-E N, uncoated, Ø DC h8: 3,1 mm



Order data

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|--------------|---------------|
| Order number | 116065 3,1 |
| GTIN | 4045197270481 |
| 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 : 64.4 mm

Flute length L_c : 69 mm

Overall length L: 106 mm

Shank Ø D_s : 3.1 mm

Feed f in steel < 1100 N/mm²: 0.02 mm/rev.

Technical description

| | |
|--|--------------|
| Flute length L_c | 69 mm |
| Feed f in steel < 1100 N/mm ² | 0.02 mm/rev. |

| | |
|--|---------------|
| Number of cutting edges Z | 2 |
| Nominal $\varnothing D_c$ | 3.1 mm |
| Tolerance nominal \varnothing | h8 |
| Shank $\varnothing D_s$ | 3.1 mm |
| Overall length L | 106 mm |
| Standard | DIN 340 |
| recommended maximum drilling depth L_2 | 64.4 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 |