

Garant

Jobber drill, long, HSS-E VA, uncoated, Ø DC h8: 9,3 mm



Order data

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|--------------|---------------|
| Order number | 116070 9,3 |
| GTIN | 4045197027924 |
| Item class | 11B |

Description

Version:

Profile ground. Standard core thickness and core taper. Bright finish.
With point geometry shape C.

Advantage:

For drilling with drill bushes or long reach applications.

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 : 101.1 mm

Flute length L_c : 115 mm

Overall length L: 175 mm

Shank Ø D_s : 9.3 mm

Feed f in stainless steel < 900 N/mm²: 0.08 mm/rev.

Technical description

| | |
|---|--------------|
| Flute length L_c | 115 mm |
| Number of cutting edges Z | 2 |
| Feed f in stainless steel < 900 N/mm ² | 0.08 mm/rev. |

| | |
|--|---------------|
| Nominal $\varnothing D_c$ | 9.3 mm |
| Tolerance nominal \varnothing | h8 |
| Shank $\varnothing D_s$ | 9.3 mm |
| Overall length L | 175 mm |
| Standard | DIN 340 |
| recommended maximum drilling depth L_2 | 101.1 mm |
| Point angle | 130 degrees |
| Coating | uncoated |
| Tool material | HSS E |
| Helix angle | 35-40 degrees |
| Shank | Plain shank |
| Through-coolant | no |
| Colour ring | blue |
| Type of product | Jobber drill |