

Garant

Deep hole drill HSS-E, uncoated, Ø DC h8: 1,8 mm



Order data

| | |
|--------------|---------------|
| Order number | 116061 1,8 |
| GTIN | 4045197026569 |
| Item class | 11B |

Description

Version:

Significantly **strengthened core** without taper.

Precision ground point.

With **specialty shaped slots**. Designed for deep holes up to 10×D and materials with critical chip formation characteristics.

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 : 50.3 mm

Flute length L_c : 53 mm

Overall length L: 80 mm

Shank Ø D_s : 1.8 mm

Feed f in steel < 500 N/mm²: 0.05 mm/rev.

Technical description

| | |
|---------------------------|--------|
| Nominal Ø D_c | 1.8 mm |
| Flute length L_c | 53 mm |
| Number of cutting edges Z | 2 |

| | |
|---|--------------|
| Feed f in steel < 500 N/mm ² | 0.05 mm/rev. |
| Tolerance nominal Ø | h8 |
| Shank Ø D _s | 1.8 mm |
| Overall length L | 80 mm |
| Standard | DIN 340 |
| recommended maximum drilling depth L ₂ | 50.3 mm |
| Point angle | 130 degrees |
| Coating | uncoated |
| Tool material | HSS E |
| Type | FS |
| Helix angle | 38 degrees |
| Shank | Plain shank |
| Through-coolant | no |
| Colour ring | without |
| Type of product | Jobber drill |