

Garant
Jobber drill, extra long HSS-E FS, TiAlN, Ø DC h8 × overall length L: 3X150 mm

Order data

| | |
|--------------|---------------|
| Order number | 116280 3X150 |
| GTIN | 4045197028976 |
| Item class | 11B |

Description
Version:

With point geometry shape C.

Advantage:

Particularly suitable for drilling under difficult conditions, e.g. insufficient cooling of the cutting edges due to poor chip evacuation.

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 1869

Tolerance nominal Ø: h8

Point angle: 135 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth L_2 : 95.5 mm

Flute length L_c : 100 mm

Overall length L: 150 mm

Shank Ø D_s : 3 mm

Feed f in steel < 750 N/mm²: 0.05 mm/rev.

Technical description

| | |
|---------------------------|--------|
| Flute length L_c | 100 mm |
| Number of cutting edges Z | 2 |
| Nominal Ø D_c | 3 mm |

| | |
|---|--------------|
| Feed f in steel < 750 N/mm ² | 0.05 mm/rev. |
| Tolerance nominal Ø | h8 |
| Shank Ø D _s | 3 mm |
| Overall length L | 150 mm |
| Standard | DIN 1869 |
| recommended maximum drilling depth L ₂ | 95.5 mm |
| Point angle | 135 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 |