

Garant

Deep hole drill HSS-E, TiAlN, Ø DC h8: 9 mm



Order data

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| Order number | 116063 9 |
| GTIN | 4045197871381 |
| Item class | 11B |

Description

Version:

Significantly **strengthened core** without taper.

Precision ground point.

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

With **TiAlN coating** for long tool lives.

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 : 101.5 mm

Flute length L_c : 115 mm

Overall length L: 175 mm

Shank Ø D_s : 9 mm

Feed f in steel < 750 N/mm²: 0.11 mm/rev.

Technical description

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| Overall length L | 175 mm |
| Feed f in steel < 750 N/mm ² | 0.11 mm/rev. |
| Flute length L _c | 115 mm |
| Standard | DIN 340 |
| Shank Ø D _s | 9 mm |
| Nominal Ø D _c | 9 mm |
| Number of cutting edges Z | 2 |
| Point angle | 130 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 |