

Garant

Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC m6: 8,5 mm



Order data

| | |
|--------------|---------------|
| Order number | 122432 8,5 |
| GTIN | 4045197539816 |
| Item class | 11E |

Description

Version:

Cutting chisel edge with **high centring accuracy** due to **strong core and special point geometry**. Excellent chip evacuation due to **4 internal coolant channels**. **Straight cutting edges** with honed edges and special flute profile for **short chips**. **Special coating** for the **best tool life** and **high metal removal rates**.

Recommendation:

Maximum drilling depth:

Flute length (see table) less 1.5×nominal Ø.

Note:

Flute length $L_c = L_2 + 1.5 \times D_c$ -

Standard: DIN 6537 K

Tolerance nominal Ø: m6

Number of cutting edges Z: 2

Tolerance nominal Ø: m6

recommended maximum drilling depth L_2 : 34.3 mm

Overall length L: 89 mm

Shank Ø D_s : 10 mm

Feed f in Inconel®: 0.12 mm/rev.

Technical description

| | |
|---------------------------|--------------|
| Nominal Ø D_c | 8.5 mm |
| Flute length L_c | 47 mm |
| Number of cutting edges Z | 2 |
| Feed f in Inconel® | 0.12 mm/rev. |

| | |
|--|-------------------|
| Shank tolerance | h6 |
| Tolerance nominal \varnothing | m6 |
| Shank $\varnothing D_s$ | 10 mm |
| Overall length L | 89 mm |
| Standard | DIN 6537 K |
| recommended maximum drilling depth L_2 | 34.3 mm |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Drill depth up to | 4xD |
| Point angle | 140 degrees |
| Shank | DIN 6535 HB to h6 |
| Through-coolant | yes, with 25 bar |
| Machining strategy | HPC |
| Semi-Standard | yes |
| Colour ring | pink |
| Type of product | Jobber drill |