

Garant
Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC m6: 6,2 mm

Order data

| | |
|--------------|---------------|
| Order number | 122432 6,2 |
| GTIN | 4045197539526 |
| 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 : 24.7 mm

Overall length L: 79 mm

Shank Ø D_s : 8 mm

Feed f in Inconel®: 0.08 mm/rev.

Technical description

| | |
|---------------------------|--------|
| Nominal Ø D_c | 6.2 mm |
| Shank tolerance | h6 |
| Flute length L_c | 34 mm |
| Number of cutting edges Z | 2 |

| | |
|---|-------------------|
| Feed f in Inconel® | 0.08 mm/rev. |
| Tolerance nominal Ø | m6 |
| Shank Ø D _s | 8 mm |
| Overall length L | 79 mm |
| Standard | DIN 6537 K |
| recommended maximum drilling depth L ₂ | 24.7 mm |
| Coating | TiAlN |
| Tool material | Solid carbide |
| | 4×D |
| Point angle | 140° |
| 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 |

User data

| | Suitability | V _c | ISO code |
|----------------------------|-------------|----------------|----------|
| Ti > 850 N/mm ² | suitable | 40 m/min | S |
| Inconel | suitable | 35 m/min | S |
| wet maximum | suitable | | |