

Garant

Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlSiN, Ø DC m7: 6,9mm



Order data

| | |
|--------------|---------------|
| Order number | 122681 6,9 |
| GTIN | 4062406791889 |
| Item class | 11E |

Description

Version:

Specially for machining **titanium-based and nickel-based alloys**. With wear-resistant, ultra-smooth TiAlSiN high-performance coating for a **long tool life** combined with **optimum bore quality** and **very low burr formation**.

Note:

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

Technical description

| | |
|--|---------------|
| Nominal Ø D_c | 6.9 mm |
| Flute length L_c | 53.05 mm |
| Overall length L | 91 mm |
| recommended maximum drilling depth L_2 | 42.7 mm |
| Tolerance nominal Ø | m7 |
| Number of cutting edges Z | 2 |
| Standard | DIN 6537 |
| Shank Ø D_s | 8 mm |
| Feed f in titanium > 850 N/mm ² | 0.09 mm/rev. |
| Coating | TiAlSiN |
| Tool material | Solid carbide |
| Version | 6xD |

| | |
|--------------------|-------------------|
| 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 |

User data

| | Suitability | V _c | ISO code |
|----------------------------|-------------|----------------|----------|
| Ti > 850 N/mm ² | suitable | | |
| Inconel | suitable | | |
| wet maximum | suitable | | |