

Garant
Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlSiN, Ø DC m7: 8,5mm

Order data

| | |
|--------------|---------------|
| Order number | 122481 8,5 |
| GTIN | 4062406791179 |
| 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

| | |
|---|---------------|
| Flute length L_c | 47.05 mm |
| Feed f in titanium $> 850 \text{ N/mm}^2$ | 0.11 mm/rev. |
| Nominal $\varnothing D_c$ | 8.5 mm |
| Standard | DIN 6537 K |
| Overall length L | 89 mm |
| Number of cutting edges Z | 2 |
| recommended maximum drilling depth L_2 | 34.3 mm |
| Tolerance nominal \varnothing | m7 |
| Shank $\varnothing D_s$ | 10 mm |
| Coating | TiAlSiN |
| Tool material | Solid carbide |
| Version | 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 |

User data

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