

Garant

Solid carbide HPC drill, plain shank DIN 6535 HA, TiAlSiN, Ø DC m7: 9,7mm



Order data

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|--------------|---------------|
| Order number | 122680 9,7 |
| GTIN | 4062406780067 |
| 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 $L_c = L_2 + 1.5 \times D_c$.

HB and HE shanks are available at the same price as HA.

For **HB**: use order **No. 122681**.

For **HE**: use order **No. 122680** and **129100HE**.

Technical description

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| Number of cutting edges Z | 2 |
| Flute length L_c | 61.05 mm |
| Nominal Ø D_c | 9.7 mm |
| Shank Ø D_s | 10 mm |
| Standard | DIN 6537 |
| Overall length L | 103 mm |
| recommended maximum drilling depth L_2 | 46.5 mm |
| Tolerance nominal Ø | m7 |
| Feed f in titanium > 850 N/mm ² | 0.12 mm/rev. |
| Coating | TiAlSiN |

| | |
|--------------------|-------------------|
| Tool material | Solid carbide |
| Version | 6×D |
| Point angle | 140 degrees |
| Shank | DIN 6535 HA 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 | | |

Services

| | |
|------------------------|-----------|
| Shank grinding Type HE | 129100 HE |
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