

Garant

Solid carbide HPC drill type FS plain shank DIN 6535 HA, TiAlN, Ø DC h7: 9,7 mm



Order data

| | |
|--------------|---------------|
| Order number | 122670 9,7 |
| GTIN | 4045197056887 |
| Item class | 11E |

Description

Version:

Particularly strong due to strengthened core and **special profile**. Special point geometry.
High concentricity and **long tool life**.

High bore quality.

Recommendation:

Maximum drilling depth:

flute length (see table) less $1.5 \times$ nominal \varnothing .

Note:

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

Form HB and HE supplied at the same price as HA.

Form **HB**: order with **No. 122675**.

Form **HE**: order with **No. 122670 + 129100HE**.

Standard: DIN 6537

Tolerance nominal \varnothing : h7

Number of cutting edges Z: 2

Semi-Standard: yes

Tolerance nominal \varnothing : h7

recommended maximum drilling depth L_2 : 46.5 mm

Overall length L: 103 mm

Shank $\varnothing D_s$: 10 mm

Feed f in titanium $> 850 \text{ N/mm}^2$: 0.12 mm/rev.

Technical description

| | |
|---|--------------|
| Number of cutting edges Z | 2 |
| Feed f in titanium $> 850 \text{ N/mm}^2$ | 0.12 mm/rev. |

| | |
|--|-------------------|
| Shank tolerance | h6 |
| Nominal $\varnothing D_c$ | 9.7 mm |
| Flute length L_c | 61 mm |
| Tolerance nominal \varnothing | h7 |
| Shank $\varnothing D_s$ | 10 mm |
| Overall length L | 103 mm |
| Standard | DIN 6537 |
| recommended maximum drilling depth L_2 | 46.5 mm |
| Semi-Standard | yes |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Drill depth up to | 6×D |
| Type | FS |
| Point angle | 140 degrees |
| Shank | DIN 6535 HA to h6 |
| Through-coolant | yes, with 25 bar |
| Machining strategy | HPC |
| Colour ring | pink |
| Type of product | Jobber drill |

Services

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