

Garant

Solid carbide HPC drill type FS plain shank DIN 6535 HA, TiAlN, Ø DC h7: 12,8 mm



Order data

| | |
|--------------|---------------|
| Order number | 122670 12,8 |
| GTIN | 4045197057020 |
| 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 $1.5 \times \text{nominal } \varnothing$.

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

Tolerance nominal \varnothing : h7

recommended maximum drilling depth L_2 : 57.8 mm

Overall length L: 124 mm

Shank $\varnothing D_s$: 14 mm

Feed f in titanium $> 850 \text{ N/mm}^2$: 0.16 mm/rev.

Technical description

| | |
|---------------------------|---------|
| Number of cutting edges Z | 2 |
| Nominal $\varnothing D_c$ | 12.8 mm |

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|---|-------------------|
| Feed f in titanium > 850 N/mm ² | 0.16 mm/rev. |
| Shank tolerance | h6 |
| Flute length L _c | 77 mm |
| Tolerance nominal Ø | h7 |
| Shank Ø D _s | 14 mm |
| Overall length L | 124 mm |
| Standard | DIN 6537 |
| recommended maximum drilling depth L ₂ | 57.8 mm |
| 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 |
| Semi-Standard | yes |
| Colour ring | pink |
| Type of product | Jobber drill |

Services

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