

Garant

Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC m6: 17,5 mm



Order data

| | |
|--------------|---------------|
| Order number | 123010 17,5 |
| GTIN | 4045197572912 |
| Item class | 11E |

Description

Version:

Cutting chisel edge with **high centring accuracy** due to **strong core and special point geometry**. High roundness and alignment accuracy of the deep hole, thanks to **4 guide chamfers**. Outstanding chip evacuation due to **4 internal cooling channels** from Ø 3.8 mm. Up to 3.7 mm Ø with 2 internal cooling channels. **Straight major cutting edges** with honed edges and special flute profile for **short chips**, even on long chipping materials.

Recommendation:

Maximum drilling depth:

clamping slot length (see table) less 1.5×nominal Ø.

Note:

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

Standard: Manufacturer's standard

Tolerance nominal Ø: m6

Number of cutting edges Z: 2

Tolerance nominal Ø: m6

recommended maximum drilling depth L_2 : 144.8 mm

Overall length L: 222 mm

Shank Ø D_s : 18 mm

Feed f in stainless steel > 900 N/mm²: 0.25 mm/rev.

Technical description

| | |
|---|--------------|
| Flute length L_c | 171 mm |
| Nominal Ø D_c | 17.5 mm |
| Number of cutting edges Z | 2 |
| Feed f in stainless steel > 900 N/mm ² | 0.25 mm/rev. |

| | |
|--|-------------------------|
| Shank tolerance | h6 |
| Tolerance nominal \varnothing | m6 |
| Shank $\varnothing D_s$ | 18 mm |
| Overall length L | 222 mm |
| Standard | Manufacturer's standard |
| recommended maximum drilling depth L_2 | 144.8 mm |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Drill depth up to | 8xD |
| Point angle | 140 degrees |
| Cutting direction | right-hand |
| Shank | DIN 6535 HB to h6 |
| Through-coolant | yes, with 25 bar |
| Machining strategy | HPC |
| Semi-Standard | yes |
| Colour ring | blue |
| Type of product | Jobber drill |