

Garant
Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 18,5 mm

Order data

| | |
|--------------|---------------|
| Order number | 122765 18,5 |
| GTIN | 4045197399410 |
| Item class | 11E |

Description
Version:

Cutting chisel edge with **high centring accuracy** due to **strong core and special point geometry**.

Convex 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 $1.5 \times \text{nominal } \varnothing$.

Note:

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

NEW GENERATION AVAILABLE!

Recommended successor products are No. 122716 and 122726.

Standard: DIN 6537

Tolerance nominal \varnothing : h7

Number of cutting edges Z: 2

Tolerance nominal \varnothing : h7

recommended maximum drilling depth L_2 : 73.3 mm

Overall length L: 153 mm

Shank $\varnothing D_s$: 20 mm

Feed f in steel $< 1100 \text{ N/mm}^2$: 0.35 mm/rev.

Technical description

| | |
|---|--------------|
| Number of cutting edges Z | 2 |
| Nominal $\varnothing D_c$ | 18.5 mm |
| Feed f in steel $< 1100 \text{ N/mm}^2$ | 0.35 mm/rev. |

| | |
|--|-------------------|
| Shank tolerance | h6 |
| Flute length L_c | 101 mm |
| Tolerance nominal \varnothing | h7 |
| Shank $\varnothing D_s$ | 20 mm |
| Overall length L | 153 mm |
| Standard | DIN 6537 |
| recommended maximum drilling depth L_2 | 73.3 mm |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Drill depth up to | 6×D |
| 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 | green |
| Type of product | Jobber drill |