

Garant
Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 8,5 mm

Order data

| | |
|--------------|---------------|
| Order number | 122505 8,5 |
| GTIN | 4045197391902 |
| 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×nominal Ø.

Note:
NEW GENERATION AVAILABLE!

Recommended successor products are No. 122426 and 122436.

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

Machining strategy: HPC

Standard: DIN 6537 K

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 34.3 mm

Overall length L: 89 mm

Shank Ø D_s : 10 mm

Feed f in steel < 1100 N/mm²: 0.2 mm/rev.

Technical description

| | |
|---------------------------|--------|
| Shank tolerance | h6 |
| Nominal Ø D_c | 8.5 mm |
| Number of cutting edges Z | 2 |

| | |
|---|-------------------|
| Feed f in steel < 1100 N/mm ² | 0.2 mm/rev. |
| Flute length L _c | 47 mm |
| Tolerance nominal Ø | h7 |
| Shank Ø D _s | 10 mm |
| Overall length L | 89 mm |
| Standard | DIN 6537 K |
| recommended maximum drilling depth L ₂ | 34.3 mm |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Drill depth up to | 4×D |
| Point angle | 140 degrees |
| Shank | DIN 6535 HB to h6 |
| Through-coolant | yes, with 25 bar |
| Machining strategy | HPC |
| Colour ring | green |
| Type of product | Jobber drill |