

Garant
Solid carbide HPC drill plain shank DIN 6535 HA, TiAlN, Ø DC h7: 7,5 mm

Order data

| | |
|--------------|---------------|
| Order number | 122500 7,5 |
| GTIN | 4045197050373 |
| 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:

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

Form **HB**: order with **No. 122445/122505**.

Form **HE**: order with **No. 122440/122500** and **129100HE**.

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

NEW GENERATION AVAILABLE!

Recommended successor products are No. 122415; 122425; 122435 and 122361, as well as 122371.

Standard: DIN 6537 K

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 29.8 mm

Overall length L: 79 mm

Shank Ø D_s : 8 mm

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

Technical description

| | |
|-----------------|--------|
| Nominal Ø D_c | 7.5 mm |
|-----------------|--------|

| | |
|--|-------------------|
| Flute length L_c | 41 mm |
| Number of cutting edges Z | 2 |
| Feed f in steel < 1100 N/mm ² | 0.2 mm/rev. |
| Shank tolerance | h6 |
| Tolerance nominal \varnothing | h7 |
| Shank $\varnothing D_s$ | 8 mm |
| Overall length L | 79 mm |
| Standard | DIN 6537 K |
| recommended maximum drilling depth L_2 | 29.8 mm |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Drill depth up to | 4xD |
| Point angle | 140 degrees |
| Shank | DIN 6535 HA to h6 |
| Through-coolant | yes, with 25 bar |
| Machining strategy | HPC |
| Semi-Standard | yes |
| Colour ring | green |
| Type of product | Jobber drill |

Services

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