

**Garant**
**Solid carbide HPC drill plain shank DIN 6535 HA, TiAlN, Ø DC h7: 4,2 mm**

**Order data**

Order number	122500 4,2
GTIN	4045197050052
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:**

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  $\varnothing$ : h7

Number of cutting edges Z: 2

Tolerance nominal  $\varnothing$ : h7

recommended maximum drilling depth  $L_2$ : 17.7 mm

Overall length L: 66 mm

Shank  $\varnothing D_s$ : 6 mm

Feed f in steel  $< 1100 \text{ N/mm}^2$ : 0.15 mm/rev.

**Technical description**

Shank tolerance	h6
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Number of cutting edges Z	2
Feed f in steel < 1100 N/mm <sup>2</sup>	0.15 mm/rev.
Flute length L <sub>c</sub>	24 mm
Nominal Ø D <sub>c</sub>	4.2 mm
Tolerance nominal Ø	h7
Shank Ø D <sub>s</sub>	6 mm
Overall length L	66 mm
Standard	DIN 6537 K
recommended maximum drilling depth L <sub>2</sub>	17.7 mm
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	4×D
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
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