

**Garant**
**Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 14,2 mm**


## Order data

Order number	122505 14,2
GTIN	4045197392350
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  $L_2$ : 43.7 mm

Overall length L: 115 mm

Shank Ø  $D_s$ : 16 mm

Feed f in steel < 1100 N/mm<sup>2</sup>: 0.32 mm/rev.

## Technical description

Nominal Ø $D_c$	14.2 mm
Number of cutting edges Z	2
Shank tolerance	h6

Feed f in steel < 1100 N/mm <sup>2</sup>	0.32 mm/rev.
Flute length L <sub>c</sub>	65 mm
Tolerance nominal Ø	h7
Shank Ø D <sub>s</sub>	16 mm
Overall length L	115 mm
Standard	DIN 6537 K
recommended maximum drilling depth L <sub>2</sub>	43.7 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