

**Garant**
**Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 11,8 mm**


## Order data

Order number	122505 11,8
GTIN	4045197392169
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  $L_2$ : 37.3 mm

Overall length L: 102 mm

Shank Ø  $D_s$ : 12 mm

Feed f in steel < 1100 N/mm<sup>2</sup>: 0.27 mm/rev.

## Technical description

Number of cutting edges Z	2
Feed f in steel < 1100 N/mm <sup>2</sup>	0.27 mm/rev.
Flute length $L_c$	55 mm

Shank tolerance	h6
Nominal $\varnothing D_c$	11.8 mm
Tolerance nominal $\varnothing$	h7
Shank $\varnothing D_s$	12 mm
Overall length L	102 mm
Standard	DIN 6537 K
recommended maximum drilling depth $L_2$	37.3 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