

**Garant**
**Solid carbide HPC drill, plain shank DIN 6535 HA, DLC, Ø DC h7: 1,1 mm**


## Order data

Order number	122306 1,1
GTIN	4045197750198
Item class	11E

## Description

### Version:

**DLC coating sp<sup>2</sup>** of the latest generation with **low coefficient of friction** results in **outstanding chip clearance**. For **high-performance milling** of aluminium materials. **High alignment accuracy** and **roundness of the hole**, thanks to **6 guide chamfers**.

Size 1 - 1.5 with 4 guide chamfers.

### Recommendation:

#### Maximum drilling depth:

flute length (see table) less 1.5×nominal Ø.

#### Note:

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

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

Form **HB**: order with **No. 122307**.

Form **HE**: order with **No. 122306 + 129100HE**.

Standard: DIN 6537 K

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Semi-Standard: yes

Tolerance nominal Ø: h7

recommended maximum drilling depth  $L_2$ : 5.4 mm

Overall length L: 45 mm

Shank Ø  $D_s$ : 4 mm

Feed f in aluminium short-chipping: 0.15 mm/rev.

## Technical description

Flute length $L_c$	7 mm
Tolerance nominal Ø	h7

Shank tolerance	h6
Feed f in aluminium short-chipping	0.15 mm/rev.
Shank $\varnothing D_s$	4 mm
Number of cutting edges Z	2
Overall length L	45 mm
Standard	DIN 6537 K
Nominal $\varnothing D_c$	1.1 mm
recommended maximum drilling depth $L_2$	5.4 mm
Semi-Standard	yes
Coating	DLC
Tool material	solid carbide
Drill depth up to	4×D
Type	W
Point angle	135 degrees
Shank	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Colour ring	yellow
Type of product	Jobber drill