

**Garant**
**Solid carbide HPC drill, plain shank DIN 6535 HA, DLC, Ø DC h7: 3,5 mm**

**Order data**

Order number	122808 3,5
GTIN	4045197753694
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 roundness** and **alignment accuracy of the deep hole**, thanks to **6 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. 122809**.

Form **HE**: order with **No. 122808 + 129100HE**.

Standard: Manufacturer's standard

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth  $L_2$ : 28.8 mm

Overall length L: 72 mm

Shank Ø  $D_s$ : 6 mm

Feed f in aluminium short-chipping: 0.35 mm/rev.

**Technical description**

Flute length $L_c$	34 mm
Number of cutting edges Z	2
Nominal Ø $D_c$	3.5 mm

Tolerance nominal Ø	h7
Shank tolerance	h6
Shank Ø D <sub>s</sub>	6 mm
Standard	Manufacturer's standard
Overall length L	72 mm
Feed f in aluminium short-chipping	0.35 mm/rev.
recommended maximum drilling depth L <sub>2</sub>	28.8 mm
Coating	DLC
Tool material	solid carbide
Drill depth up to	8xD
Type	W
Point angle	135 degrees
Shank	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Semi-Standard	yes
Colour ring	yellow
Type of product	Jobber drill

## Services

Shank grinding Type HE	129100 HE
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