

## Garant

### Solid carbide HPC drill, plain shank DIN 6535 HA, DLC, Ø DC h7: 5,1 mm



#### Order data

Order number	122808 5,1
GTIN	4045197753854
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  $L_2$ : 49.4 mm

Overall length L: 95 mm

Shank Ø  $D_s$ : 6 mm

Feed f in aluminium short-chipping: 0.45 mm/rev.

#### Technical description

Nominal Ø $D_c$	5.1 mm
Shank Ø $D_s$	6 mm
Tolerance nominal Ø	h7

Feed f in aluminium short-chipping	0.45 mm/rev.
Standard	Manufacturer's standard
Flute length L <sub>c</sub>	57 mm
Number of cutting edges Z	2
Overall length L	95 mm
Shank tolerance	h6
recommended maximum drilling depth L <sub>2</sub>	49.4 mm
Coating	DLC
Tool material	solid carbide
Drill depth up to	8×D
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
------------------------	-----------