

## Garant

### Solid carbide HPC drill, plain shank DIN 6535 HA, DLC, Ø DC h7: 10,8 mm



#### Order data

Order number	122808 10,8
GTIN	4045197754370
Item class	11E

#### Description

##### Version:

**DLC coating  $sp^2$**  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  $1.5 \times \text{nominal } \varnothing$ .

##### 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  $\varnothing$ : h7

Number of cutting edges Z: 2

Tolerance nominal  $\varnothing$ : h7

recommended maximum drilling depth  $L_2$ : 97.8 mm

Overall length L: 162 mm

Shank  $\varnothing D_s$ : 12 mm

Feed f in aluminium short-chipping: 0.55 mm/rev.

#### Technical description

Shank tolerance	h6
Number of cutting edges Z	2
Overall length L	162 mm

Shank $\varnothing D_s$	12 mm
Standard	Manufacturer's standard
Flute length $L_c$	114 mm
Nominal $\varnothing D_c$	10.8 mm
Tolerance nominal $\varnothing$	h7
Feed $f$ in aluminium short-chipping	0.55 mm/rev.
recommended maximum drilling depth $L_2$	97.8 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
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