

**Garant**
**Solid carbide HPC drill, plain shank DIN 6535 HA, DLC, Ø DC h7: 8,2 mm**

**Order data**

Order number	122602 8,2
GTIN	4045197752901
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. 122603**.

Form **HE**: order with **No. 122602 + 129100HE**.

Standard: DIN 6537

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth  $L_2$ : 48.7 mm

Overall length L: 103 mm

Shank Ø  $D_s$ : 10 mm

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

**Technical description**

Nominal Ø $D_c$	8.2 mm
Shank tolerance	h6

Number of cutting edges Z	2
Feed f in aluminium short-chipping	0.55 mm/rev.
Standard	DIN 6537
Flute length L <sub>c</sub>	61 mm
Tolerance nominal Ø	h7
Overall length L	103 mm
Shank Ø D <sub>s</sub>	10 mm
recommended maximum drilling depth L <sub>2</sub>	48.7 mm
Coating	DLC
Tool material	solid carbide
Drill depth up to	6×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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