

**Garant**
**Solid carbide HPC drill, plain shank DIN 6535 HA, DLC, Ø DC h7: 5,55 mm**

**Order data**

Order number	122602 5,55
GTIN	4045197752628
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 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  $1.5 \times \text{nominal } \varnothing$ .

**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. 122603**.

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

Standard: DIN 6537

Tolerance nominal  $\varnothing$ : h7

Number of cutting edges Z: 2

Tolerance nominal  $\varnothing$ : h7

recommended maximum drilling depth  $L_2$ : 35.7 mm

Overall length L: 82 mm

Shank  $\varnothing D_s$ : 6 mm

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

**Technical description**

Tolerance nominal $\varnothing$	h7
Shank tolerance	h6

Feed f in aluminium short-chipping	0.45 mm/rev.
Flute length L <sub>c</sub>	44 mm
Standard	DIN 6537
Number of cutting edges Z	2
Overall length L	82 mm
Nominal Ø D <sub>c</sub>	5.55 mm
Shank Ø D <sub>s</sub>	6 mm
recommended maximum drilling depth L <sub>2</sub>	35.7 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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