

**Garant**
**Solid carbide HPC drill, plain shank DIN 6535 HA, DLC, Ø DC h7: 4,8 mm**

**Order data**

Order number	122602 4,8
GTIN	4045197752543
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  $L_2$ : 36.8 mm

Overall length L: 82 mm

Shank Ø  $D_s$ : 6 mm

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

**Technical description**

Number of cutting edges Z	2
Standard	DIN 6537

Overall length L	82 mm
Shank tolerance	h6
Nominal $\varnothing D_c$	4.8 mm
Tolerance nominal $\varnothing$	h7
Shank $\varnothing D_s$	6 mm
Flute length $L_c$	44 mm
Feed f in aluminium short-chipping	0.35 mm/rev.
recommended maximum drilling depth $L_2$	36.8 mm
Coating	DLC
Tool material	solid carbide
Drill depth up to	6xD
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
------------------------	-----------