

Garant
Solid carbide HPC drill, plain shank DIN 6535 HA, DLC, Ø DC h7: 4,5 mm

Order data

Order number	122602 4,5
GTIN	4045197752505
Item class	11E

Description
Version:

DLC coating sp² 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 : 29.3 mm

Overall length L: 74 mm

Shank Ø D_s : 6 mm

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

Technical description

Nominal Ø D_c	4.5 mm
Overall length L	74 mm

Standard	DIN 6537
Tolerance nominal \varnothing	h7
Flute length L_c	36 mm
Shank tolerance	h6
Shank $\varnothing D_s$	6 mm
Feed f in aluminium short-chipping	0.35 mm/rev.
Number of cutting edges Z	2
recommended maximum drilling depth L_2	29.3 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
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