

Garant

Solid carbide HPC drill, plain shank DIN 6535 HA, DLC, Ø DC h7: 1 mm



Order data

Order number	122306 1
GTIN	4045197750181
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. 122307**.

Form **HE**: order with **No. 122306 + 129100HE**.

Standard: DIN 6537 K

Tolerance nominal \varnothing : h7

Number of cutting edges Z: 2

Semi-Standard: yes

Tolerance nominal \varnothing : h7

recommended maximum drilling depth L_2 : 5.5 mm

Overall length L: 45 mm

Shank $\varnothing D_s$: 4 mm

Feed f in aluminium short-chipping: 0.1 mm/rev.

Technical description

Shank tolerance	h6
Number of cutting edges Z	2

Standard	DIN 6537 K
Nominal $\varnothing D_c$	1 mm
Flute length L_c	7 mm
Shank $\varnothing D_s$	4 mm
Tolerance nominal \varnothing	h7
Feed f in aluminium short-chipping	0.1 mm/rev.
Overall length L	45 mm
recommended maximum drilling depth L_2	5.5 mm
Semi-Standard	yes
Coating	DLC
Tool material	solid carbide
Drill depth up to	4×D
Type	W
Point angle	135 degrees
Shank	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Colour ring	yellow
Type of product	Jobber drill