

Garant

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



Order data

Order number	122808 4
GTIN	4045197753748
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 roundness** and **alignment accuracy of the deep hole**, thanks to **6 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. 122809**.

Form **HE**: order with **No. 122808 + 129100HE**.

Standard: Manufacturer's standard

Tolerance nominal \varnothing : h7

Number of cutting edges Z: 2

Tolerance nominal \varnothing : h7

recommended maximum drilling depth L_2 : 37 mm

Overall length L: 81 mm

Shank $\varnothing D_s$: 6 mm

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

Technical description

Standard	Manufacturer's standard
Number of cutting edges Z	2
Feed f in aluminium short-chipping	0.35 mm/rev.

Flute length L_c	43 mm
Shank tolerance	h6
Shank $\varnothing D_s$	6 mm
Overall length L	81 mm
Tolerance nominal \varnothing	h7
Nominal $\varnothing D_c$	4 mm
recommended maximum drilling depth L_2	37 mm
Coating	DLC
Tool material	solid carbide
Drill depth up to	8×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
------------------------	-----------