

Garant
Solid carbide HPC drill Weldon shank DIN 6535 HB, DLC, Ø DC h7: 3,1 mm

Order data

Order number	122809 3,1
GTIN	4045197758576
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:

clamping slot length (see table) less $1.5 \times \text{nominal } \varnothing$.

Note:

Flute length $L_c = L_2 + 1.5 \times D_c$.

Standard: Manufacturer's standard

Tolerance nominal \varnothing : h7

Number of cutting edges Z: 2

Semi-Standard: yes

Tolerance nominal \varnothing : h7

recommended maximum drilling depth L_2 : 29.4 mm

Overall length L: 72 mm

Shank $\varnothing D_s$: 6 mm

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

Technical description

Nominal $\varnothing D_c$	3.1 mm
Shank tolerance	h6
Standard	Manufacturer's standard
Feed f in aluminium short-chipping	0.35 mm/rev.
Overall length L	72 mm

Shank $\varnothing D_s$	6 mm
Tolerance nominal \varnothing	h7
Number of cutting edges Z	2
Flute length L_c	34 mm
recommended maximum drilling depth L_2	29.4 mm
Semi-Standard	yes
Coating	DLC
Tool material	solid carbide
Drill depth up to	8×D
Type	W
Point angle	135 degrees
Shank	DIN 6535 HB to h6
Through-coolant	Yes, with 25 bar
Machining strategy	HPC
Colour ring	yellow
Type of product	Jobber drill