

Garant
Solid carbide HPC drill Weldon shank DIN 6535 HB, DLC, Ø DC h7: 4,1 mm

Order data

Order number	122809 4,1
GTIN	4045197758675
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

Tolerance nominal \varnothing : h7

recommended maximum drilling depth L_2 : 36.9 mm

Overall length L: 81 mm

Shank $\varnothing D_s$: 6 mm

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

Technical description

Number of cutting edges Z	2
Shank $\varnothing D_s$	6 mm
Standard	Manufacturer's standard
Flute length L_c	43 mm
Shank tolerance	h6

Nominal $\varnothing D_c$	4.1 mm
Overall length L	81 mm
Tolerance nominal \varnothing	h7
Feed f in aluminium short-chipping	0.35 mm/rev.
recommended maximum drilling depth L_2	36.9 mm
Coating	DLC
Tool material	solid carbide
Drill depth up to	8xD
Type	W
Point angle	135 degrees
Cutting direction	right-hand
Shank	DIN 6535 HB to h6
Through-coolant	Yes, with 25 bar
Machining strategy	HPC
Semi-Standard	yes
Colour ring	yellow
Type of product	Jobber drill