

Garant
Solid carbide HPC drill Weldon shank DIN 6535 HB, DLC, Ø DC h7: 8,1 mm

Order data

Order number	122603 8,1
GTIN	4045197758019
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 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×nominal Ø.

Note:

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

Standard: DIN 6537

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 48.9 mm

Overall length L: 103 mm

Shank Ø D_s : 10 mm

Feed f in aluminium short-chipping: 0.55 mm/rev.

Technical description

Tolerance nominal Ø	h7
Nominal Ø D_c	8.1 mm
Feed f in aluminium short-chipping	0.55 mm/rev.
Flute length L_c	61 mm
Shank Ø D_s	10 mm

Standard	DIN 6537
Number of cutting edges Z	2
Shank tolerance	h6
Overall length L	103 mm
recommended maximum drilling depth L ₂	48.9 mm
Coating	DLC
Tool material	solid carbide
Drill depth up to	6×D
Type	W
Point angle	135 degrees
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