

Garant
Solid carbide HPC drill Weldon shank DIN 6535 HB, DLC, Ø DC h7: 6,1 mm

Order data

Order number	122603 6,1
GTIN	4045197757807
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 $1.5 \times$ nominal \varnothing .

Note:

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

Standard: DIN 6537

Tolerance nominal \varnothing : h7

Number of cutting edges Z: 2

Tolerance nominal \varnothing : h7

recommended maximum drilling depth L_2 : 43.9 mm

Overall length L: 91 mm

Shank $\varnothing D_s$: 8 mm

Feed f in aluminium short-chipping: 0.45 mm/rev.

Technical description

Shank $\varnothing D_s$	8 mm
Standard	DIN 6537
Tolerance nominal \varnothing	h7
Number of cutting edges Z	2
Shank tolerance	h6

Flute length L_c	53 mm
Nominal $\varnothing D_c$	6.1 mm
Overall length L	91 mm
Feed f in aluminium short-chipping	0.45 mm/rev.
recommended maximum drilling depth L_2	43.9 mm
Coating	DLC
Tool material	solid carbide
Drill depth up to	6xD
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