

Garant
Solid carbide HPC drill Weldon shank DIN 6535 HB, DLC, Ø DC h7: 18,5 mm

Order data

Order number	122603 18,5
GTIN	4045197758507
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 : 73.3 mm

Overall length L: 153 mm

Shank Ø D_s : 20 mm

Feed f in aluminium short-chipping: 0.7 mm/rev.

Technical description

Tolerance nominal Ø	h7
Number of cutting edges Z	2
Shank Ø D_s	20 mm
Overall length L	153 mm
Flute length L_c	101 mm

Standard	DIN 6537
Shank tolerance	h6
Nominal $\varnothing D_c$	18.5 mm
Feed f in aluminium short-chipping	0.7 mm/rev.
recommended maximum drilling depth L_2	73.3 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