

Garant
Solid carbide HPC drill Weldon shank DIN 6535 HB, DLC, Ø DC h7: 18,8 mm

Order data

Order number	122809 18,8
GTIN	4045197759535
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 : 161.8 mm

Overall length L: 243 mm

Shank $\varnothing D_s$: 20 mm

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

Technical description

Feed f in aluminium short-chipping	0.7 mm/rev.
Flute length L_c	190 mm
Number of cutting edges Z	2
Tolerance nominal \varnothing	h7
Nominal $\varnothing D_c$	18.8 mm

Overall length L	243 mm
Shank tolerance	h6
Shank $\varnothing D_s$	20 mm
Standard	Manufacturer's standard
recommended maximum drilling depth L_2	161.8 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