

Garant

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



Order data

Order number	122603 18
GTIN	4045197758491
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 : 66 mm

Overall length L: 143 mm

Shank Ø D_s : 18 mm

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

Technical description

Shank Ø D_s	18 mm
Tolerance nominal Ø	h7
Feed f in aluminium short-chipping	0.7 mm/rev.
Shank tolerance	h6
Standard	DIN 6537

Nominal $\varnothing D_c$	18 mm
Overall length L	143 mm
Number of cutting edges Z	2
Flute length L_c	93 mm
recommended maximum drilling depth L_2	66 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