

Garant
Solid carbide HPC drill, plain shank DIN 6535 HA, DLC, Ø DC h7: 16,5 mm

Order data

Order number	122808 16,5
GTIN	4045197754547
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:

flute length (see table) less $1.5 \times \text{nominal } \varnothing$.

Note:

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

Form HB and HE supplied at the same price as HA.

Form **HB**: order with **No. 122809**.

Form **HE**: order with **No. 122808 + 129100HE**.

Standard: Manufacturer's standard

Tolerance nominal $\varnothing$: h7

Number of cutting edges Z: 2

Tolerance nominal $\varnothing$: h7

recommended maximum drilling depth L_2 : 146.3 mm

Overall length L: 222 mm

Shank $\varnothing D_s$: 18 mm

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

Technical description

Standard	Manufacturer's standard
Flute length L_c	171 mm
Nominal $\varnothing D_c$	16.5 mm

Overall length L	222 mm
Number of cutting edges Z	2
Shank Ø D _s	18 mm
Shank tolerance	h6
Tolerance nominal Ø	h7
Feed f in aluminium short-chipping	0.7 mm/rev.
recommended maximum drilling depth L ₂	146.3 mm
Coating	DLC
Tool material	solid carbide
Drill depth up to	8×D
Type	W
Point angle	135 degrees
Shank	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Semi-Standard	yes
Colour ring	yellow
Type of product	Jobber drill

Services

Shank grinding Type HE	129100 HE
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