Garant

Solid carbide HPC drill, plain shank DIN 6535 HA, DLC, ∅ DC h7: 3,1 mm

Order data

Order number	122808 3,1
GTIN	4045197753656
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×nominal ∅.
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 ∅: h7
Number of cutting edges Z: 2
Tolerance nominal ∅: h7
recommended maximum drilling depth L_2: 29.4 mm
Overall length L: 72 mm
Shank ∅ D_s: 6 mm
Feed f in aluminium short-chipping: 0.35 mm/rev.

Technical description

Shank ∅ D_s	6 mm
Number of cutting edges Z	2
Overall length L	72 mm

Tolerance nominal ∅	h7
Feed f in aluminium short-chipping	0.35 mm/rev.
Nominal ∅ D_C	3.1 mm
Standard	Manufacturer's standard
Flute length L_c	34 mm
Shank tolerance	h6
recommended maximum drilling depth L_2	29.4 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