

## Garant

### Solid carbide HPC drill Weldon shank DIN 6535 HB, DLC, Ø DC h7: 8,1 mm



## Order data

Order number	122809 8,1
GTIN	4045197759078
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  $1.5 \times$  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

Semi-Standard: yes

Tolerance nominal  $\varnothing$ : h7

recommended maximum drilling depth  $L_2$ : 82.9 mm

Overall length L: 142 mm

Shank  $\varnothing D_s$ : 10 mm

Feed f in aluminium short-chipping: 0.55 mm/rev.

## Technical description

Standard	Manufacturer's standard
Overall length L	142 mm
Number of cutting edges Z	2
Tolerance nominal $\varnothing$	h7
Shank tolerance	h6

Feed f in aluminium short-chipping	0.55 mm/rev.
Shank $\varnothing D_s$	10 mm
Flute length $L_c$	95 mm
Nominal $\varnothing D_c$	8.1 mm
recommended maximum drilling depth $L_2$	82.9 mm
Semi-Standard	yes
Coating	DLC
Tool material	solid carbide
Drill depth up to	8xD
Type	W
Point angle	135 degrees
Shank	DIN 6535 HB to h6
Through-coolant	Yes, with 25 bar
Machining strategy	HPC
Colour ring	yellow
Type of product	Jobber drill