

## Garant

### Solid carbide HPC drill Weldon shank DIN 6535 HB, DLC, Ø DC h7: 6,8 mm



#### Order data

Order number	122603 6,8
GTIN	4045197757876
Item class	11E

#### Description

##### Version:

**DLC coating sp<sup>2</sup>** 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  $L_2$ : 42.8 mm

Overall length L: 91 mm

Shank Ø  $D_s$ : 8 mm

Feed f in aluminium short-chipping: 0.45 mm/rev.

#### Technical description

Overall length L	91 mm
Number of cutting edges Z	2
Shank tolerance	h6
Standard	DIN 6537
Tolerance nominal Ø	h7

Shank $\varnothing D_s$	8 mm
Flute length $L_c$	53 mm
Nominal $\varnothing D_c$	6.8 mm
Feed $f$ in aluminium short-chipping	0.45 mm/rev.
recommended maximum drilling depth $L_2$	42.8 mm
Coating	DLC
Tool material	solid carbide
Drill depth up to	6xD
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