

**Garant**
**Solid carbide HPC drill Weldon shank DIN 6535 HB, DLC, Ø DC h7: 9 mm**

**Order data**

Order number	122603 9
GTIN	4045197758101
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: DIN 6537

Tolerance nominal  $\varnothing$ : h7

Number of cutting edges Z: 2

Semi-Standard: yes

Tolerance nominal  $\varnothing$ : h7

recommended maximum drilling depth  $L_2$ : 47.5 mm

Overall length L: 103 mm

Shank  $\varnothing D_s$ : 10 mm

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

**Technical description**

Flute length $L_c$	61 mm
Nominal $\varnothing D_c$	9 mm
Overall length L	103 mm
Number of cutting edges Z	2

Tolerance nominal $\varnothing$	h7
Shank $\varnothing D_s$	10 mm
Standard	DIN 6537
Shank tolerance	h6
Feed f in aluminium short-chipping	0.55 mm/rev.
recommended maximum drilling depth $L_2$	47.5 mm
Semi-Standard	yes
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
Colour ring	yellow
Type of product	Jobber drill