

**Garant**
**Solid carbide HPC drill Weldon shank DIN 6535 HB, DLC, Ø DC h7: 15 mm**

**Order data**

Order number	122307 15
GTIN	4045197757302
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  $1.5 \times \text{nominal } \varnothing$ .

**Note:**

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

Standard: DIN 6537 K

Tolerance nominal  $\varnothing$ : h7

Number of cutting edges Z: 2

Tolerance nominal  $\varnothing$ : h7

recommended maximum drilling depth  $L_2$ : 42.5 mm

Overall length L: 115 mm

Shank  $\varnothing D_s$ : 16 mm

Feed f in aluminium short-chipping: 0.65 mm/rev.

**Technical description**

Overall length L	115 mm
Tolerance nominal $\varnothing$	h7
Nominal $\varnothing D_c$	15 mm
Shank tolerance	h6
Shank $\varnothing D_s$	16 mm

Feed f in aluminium short-chipping	0.65 mm/rev.
Number of cutting edges Z	2
Flute length L <sub>c</sub>	65 mm
Standard	DIN 6537 K
recommended maximum drilling depth L <sub>2</sub>	42.5 mm
Coating	DLC
Tool material	solid carbide
Drill depth up to	4×D
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