

**Garant**
**Solid carbide HPC drill Weldon shank DIN 6535 HB, DLC, Ø DC h7: 7 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 122307 7      |
| GTIN         | 4045197756848 |
| 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 K

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth  $L_2$ : 23.5 mm

Overall length L: 79 mm

Shank Ø  $D_s$ : 8 mm

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

**Technical description**

|                                    |              |
|------------------------------------|--------------|
| Number of cutting edges Z          | 2            |
| Overall length L                   | 79 mm        |
| Flute length $L_c$                 | 34 mm        |
| Feed f in aluminium short-chipping | 0.45 mm/rev. |
| Shank Ø $D_s$                      | 8 mm         |

|  |                   |
|--|-------------------|
| Standard                                 | DIN 6537 K        |
| Shank tolerance                          | h6                |
| Nominal $\varnothing D_c$                | 7 mm              |
| Tolerance nominal $\varnothing$          | h7                |
| recommended maximum drilling depth $L_2$ | 23.5 mm           |
| Coating                                  | DLC               |
| Tool material                            | solid carbide     |
| Drill depth up to                        | 4xD               |
| 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      |