

**Garant**
**Solid carbide HPC drill Weldon shank DIN 6535 HB, DLC, Ø DC h7: 5,8 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 122809 5,8    |
| GTIN         | 4045197758842 |
| 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: Manufacturer's standard

Tolerance nominal  $\varnothing$ : h7

Number of cutting edges Z: 2

Semi-Standard: yes

Tolerance nominal  $\varnothing$ : h7

recommended maximum drilling depth  $L_2$ : 48.3 mm

Overall length L: 95 mm

Shank  $\varnothing D_s$ : 6 mm

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

**Technical description**

|                                    |              |
|------------------------------------|--------------|
| Overall length L                   | 95 mm        |
| Feed f in aluminium short-chipping | 0.45 mm/rev. |
| Flute length $L_c$                 | 57 mm        |
| Shank $\varnothing D_s$            | 6 mm         |
| Number of cutting edges Z          | 2            |

|  |                         |
|--|-------------------------|
| Nominal $\varnothing D_c$                | 5.8 mm                  |
| Standard                                 | Manufacturer's standard |
| Tolerance nominal $\varnothing$          | h7                      |
| Shank tolerance                          | h6                      |
| recommended maximum drilling depth $L_2$ | 48.3 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            |