

Garant
Solid carbide HPC drill Weldon shank DIN 6535 HB, DLC, Ø DC h7: 4,5 mm

Order data

| | |
|--------------|---------------|
| Order number | 122603 4,5 |
| GTIN | 4045197757623 |
| Item class | 11E |

Description
Version:

DLC coating sp² 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 : 29.3 mm

Overall length L: 74 mm

Shank Ø D_s : 6 mm

Feed f in aluminium short-chipping: 0.35 mm/rev.

Technical description

| | |
|------------------------------------|--------------|
| Nominal Ø D_c | 4.5 mm |
| Tolerance nominal Ø | h7 |
| Shank tolerance | h6 |
| Standard | DIN 6537 |
| Feed f in aluminium short-chipping | 0.35 mm/rev. |

| | |
|--|-------------------|
| Overall length L | 74 mm |
| Shank $\varnothing D_s$ | 6 mm |
| Flute length L_c | 36 mm |
| Number of cutting edges Z | 2 |
| recommended maximum drilling depth L_2 | 29.3 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 |