

Garant
Solid carbide HPC drill, plain shank DIN 6535 HA, DLC, Ø DC h7: 4,8 mm


Order data

| | |
|--------------|---------------|
| Order number | 122306 4,8 |
| GTIN | 4045197751263 |
| 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 alignment accuracy** and **roundness of the hole**, thanks to **6 guide chamfers**.

Size 1 - 1.5 with 4 guide chamfers.

Recommendation:

Maximum drilling depth:

flute length (see table) less 1.5×nominal Ø.

Note:

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

Form HB and HE supplied at the same price as HA.

Form **HB**: order with **No. 122307**.

Form **HE**: order with **No. 122306 + 129100HE**.

Standard: DIN 6537 K

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Semi-Standard: yes

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 20.8 mm

Overall length L: 66 mm

Shank Ø D_s : 6 mm

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

Technical description

| | |
|---------------------|-------|
| Flute length L_c | 28 mm |
| Tolerance nominal Ø | h7 |

| | |
|--|-------------------|
| Shank $\varnothing D_s$ | 6 mm |
| Overall length L | 66 mm |
| Standard | DIN 6537 K |
| Number of cutting edges Z | 2 |
| Nominal $\varnothing D_c$ | 4.8 mm |
| Shank tolerance | h6 |
| Feed f in aluminium short-chipping | 0.35 mm/rev. |
| recommended maximum drilling depth L_2 | 20.8 mm |
| Semi-Standard | yes |
| Coating | DLC |
| Tool material | solid carbide |
| Drill depth up to | 4×D |
| Type | W |
| Point angle | 135 degrees |
| Shank | DIN 6535 HA to h6 |
| Through-coolant | yes, with 25 bar |
| Machining strategy | HPC |
| Colour ring | yellow |
| Type of product | Jobber drill |

Services

| | |
|------------------------|-----------|
| Shank grinding Type HE | 129100 HE |
|------------------------|-----------|