

Garant

Solid carbide HPC drill, plain shank DIN 6535 HA, DLC, Ø DC h7: 5,3 mm



Order data

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| Order number | 122602 5,3 |
| GTIN | 4045197752598 |
| 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. 122603**.

Form **HE**: order with **No. 122602 + 129100HE**.

Standard: DIN 6537

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 36.1 mm

Overall length L: 82 mm

Shank Ø D_s : 6 mm

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

Technical description

| | |
|------------------|-------|
| Overall length L | 82 mm |
| Shank Ø D_s | 6 mm |

| | |
|---|-------------------|
| Number of cutting edges Z | 2 |
| Shank tolerance | h6 |
| Standard | DIN 6537 |
| Feed f in aluminium short-chipping | 0.45 mm/rev. |
| Flute length L _c | 44 mm |
| Tolerance nominal Ø | h7 |
| Nominal Ø D _c | 5.3 mm |
| recommended maximum drilling depth L ₂ | 36.1 mm |
| Coating | DLC |
| Tool material | solid carbide |
| Drill depth up to | 6×D |
| Type | W |
| Point angle | 135 degrees |
| Shank | DIN 6535 HA to h6 |
| Through-coolant | yes, with 25 bar |
| Machining strategy | HPC |
| Semi-Standard | yes |
| Colour ring | yellow |
| Type of product | Jobber drill |

Services

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