

**Garant**
**Solid carbide special drill DIN 6535 HA, uncoated, Ø DC ±0.003: 5 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 121201 5      |
| GTIN         | 4045197715692 |
| Item class   | 11E           |

**Description**
**Version:**

**Spiral flute** precision drill for plastics. **Self-centring** with **1-cutter geometry**, achieves **very high alignment accuracy**. **Polished** helical flutes for **optimum chip evacuation**.

**Maintains** the **tolerance band IT7** from entry Ø through to exit Ø, **due to special point geometry**.

**Recommendation:**

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

**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.121201 + 129100HB**.

Form **HE**: order with **No.121201 + 129100HE**.

Semi-Standard: yes

Standard: Manufacturer's standard

Tolerance nominal Ø: ±0.003

Number of cutting edges Z: 1

Tolerance nominal Ø: ±0.003

recommended maximum drilling depth  $L_2$ : 36.5 mm

Overall length L: 82 mm

Shank Ø  $D_s$ : 6 mm

Feed f in PEEK: 0.15 mm/rev.

**Technical description**

|                 |      |
|-----------------|------|
| Nominal Ø $D_c$ | 5 mm |
| Shank tolerance | h6   |

|  |                         |
|--|-------------------------|
| Flute length $L_c$                       | 44 mm                   |
| Number of cutting edges Z                | 1                       |
| Tolerance nominal $\varnothing$          | $\pm 0.003$             |
| Shank $\varnothing D_s$                  | 6 mm                    |
| Overall length L                         | 82 mm                   |
| Feed f in PEEK                           | 0.15 mm/rev.            |
| Standard                                 | Manufacturer's standard |
| recommended maximum drilling depth $L_2$ | 36.5 mm                 |
| Coating                                  | uncoated                |
| Tool material                            | Solid carbide           |
| Drill depth up to                        | 5xD                     |
| Point angle                              | 120 degrees             |
| Shank                                    | DIN 6535 HA to h6       |
| Through-coolant                          | no                      |
| Semi-Standard                            | yes                     |
| Colour ring                              | without                 |
| Type of product                          | Jobber drill            |

## Services

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