

**Garant**
**Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 3,4 mm**


## Order data

|              |               |
|--------------|---------------|
| Order number | 122765 3,4    |
| GTIN         | 4045197398598 |
| Item class   | 11E           |

## Description

### Version:

Cutting chisel edge with **high centring accuracy** due to **strong core and special point geometry**.

**Convex cutting edges** with honed edges and special flute profile for **short chips**, even on long chipping materials.

### Recommendation:

#### Maximum drilling depth:

clamping slot length (see table) less  $1.5 \times \text{nominal } \varnothing$ .

### Note:

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

### NEW GENERATION AVAILABLE!

**Recommended successor products are No. 122716 and 122726.**

Machining strategy: HPC

Standard: DIN 6537

Tolerance nominal  $\varnothing$ : h7

Number of cutting edges Z: 2

Semi-Standard: yes

Tolerance nominal  $\varnothing$ : h7

recommended maximum drilling depth  $L_2$ : 22.9 mm

Overall length L: 66 mm

Shank  $\varnothing D_s$ : 6 mm

Feed f in steel  $< 1100 \text{ N/mm}^2$ : 0.11 mm/rev.

## Technical description

|                           |    |
|---------------------------|----|
| Number of cutting edges Z | 2  |
| Shank tolerance           | h6 |

|   |                   |
|---|-------------------|
| Feed f in steel < 1100 N/mm <sup>2</sup>          | 0.11 mm/rev.      |
| Nominal Ø D <sub>c</sub>                          | 3.4 mm            |
| Flute length L <sub>c</sub>                       | 28 mm             |
| Tolerance nominal Ø                               | h7                |
| Shank Ø D <sub>s</sub>                            | 6 mm              |
| Overall length L                                  | 66 mm             |
| Standard  | DIN 6537          |
| recommended maximum drilling depth L <sub>2</sub> | 22.9 mm           |
| Semi-Standard                                     | yes               |
| Coating   | TiAlN             |
| Tool material                                     | Solid carbide     |
| Drill depth up to                                 | 6×D               |
| Point angle                                       | 140 degrees       |
| Shank   | DIN 6535 HB to h6 |
| Through-coolant                                   | yes, with 25 bar  |
| Machining strategy                                | HPC               |
| Colour ring                                       | green             |
| Type of product                                   | Jobber drill      |