

**Garant**
**Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 13 mm**


## Order data

|              |               |
|--------------|---------------|
| Order number | 122765 13     |
| GTIN         | 4045197399250 |
| 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  $L_2$ : 57.5 mm

Overall length L: 124 mm

Shank  $\varnothing D_s$ : 14 mm

Feed f in steel  $< 1100 \text{ N/mm}^2$ : 0.32 mm/rev.

## Technical description

|   |              |
|---|--------------|
| Feed f in steel $< 1100 \text{ N/mm}^2$ | 0.32 mm/rev. |
| Shank tolerance                         | h6           |

|  |                   |
|--|-------------------|
| Nominal $\varnothing D_c$                | 13 mm             |
| Flute length $L_c$                       | 77 mm             |
| Number of cutting edges Z                | 2                 |
| Tolerance nominal $\varnothing$          | h7                |
| Shank $\varnothing D_s$                  | 14 mm             |
| Overall length L                         | 124 mm            |
| Standard                                 | DIN 6537          |
| recommended maximum drilling depth $L_2$ | 57.5 mm           |
| Semi-Standard                            | yes               |
| Coating                                  | TiAlN             |
| Tool material                            | Solid carbide     |
| Drill depth up to                        | 6xD               |
| 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      |