



## Solid carbide drill plain shank DIN 6535 HE, TiAlN, Ø DC m7 (mm or inch): 5 mm or inch



### Order data

|              |               |
|--------------|---------------|
| Order number | 122773 5      |
| GTIN         | 4062406150495 |
| Item class   | 12F           |

### Description

#### Version:

Tool specially matched to drilling holes without through-coolant. **Concave major cutting edges** and a **special flute profile** ensure a good chip evacuation. The sturdy cutter geometry with **special point geometry** and 4 cutting edges ensures drilling with good process reliability. A wide range of applications in steel materials thanks to a combination of tough ultra-fine grain carbide and extremely **wear-resistant** and **heat-resistant coating**.

#### Recommendation:

##### Maximum drilling depth:

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

##### Note:

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

Through-coolant: no

Standard: DIN 6537

Tolerance nominal Ø: m7

Number of cutting edges Z: 2

Tolerance nominal Ø: m7

recommended maximum drilling depth  $L_2$ : 36.5 mm

Overall length L: 82 mm

Shank Ø  $D_s$ : 6 mm

Feed f in steel < 900 N/mm<sup>2</sup>: 0.16 mm/rev.

### Technical description

|                                          |         |
|------------------------------------------|---------|
| recommended maximum drilling depth $L_2$ | 36.5 mm |
| Number of cutting edges Z                | 2       |

|                                         |                   |
|-----------------------------------------|-------------------|
| Nominal Ø D <sub>c</sub>                | 5 mm              |
| Shank Ø D <sub>s</sub>                  | 6 mm              |
| Standard                                | DIN 6537          |
| Flute length L <sub>c</sub>             | 44 mm             |
| Overall length L                        | 82 mm             |
| Feed f in steel < 900 N/mm <sup>2</sup> | 0.16 mm/rev.      |
| Tolerance nominal Ø                     | m7                |
| Coating                                 | TiAlN             |
| Tool material                           | Solid carbide     |
| Drill depth up to                       | 6×D               |
| Point angle                             | 140 degrees       |
| Shank                                   | DIN 6535 HE to h6 |
| Through-coolant                         | no                |
| Colour ring                             | green             |
| Type of product                         | Jobber drill      |