



## Solid carbide drill plain shank DIN 6535 HA, TiAlN, Ø DC m7 (mm or inch): 7,1 mm or inch



### Order data

|              |               |
|--------------|---------------|
| Order number | 122771 7,1    |
| GTIN         | 4062406147754 |
| 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:

Form HB and HE supplied at the same price as HA.

Form **HB**: order with **No. 122772**.

Form **HE**: order with **No. 122773**.

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  $L_2$ : 42.4 mm

Overall length L: 91 mm

Shank Ø  $D_s$ : 8 mm

Feed  $f$  in steel  $< 900 \text{ N/mm}^2$ : 0.18 mm/rev.

### Technical description

|                                          |                   |
|------------------------------------------|-------------------|
| Nominal $\varnothing D_c$                | 7.1 mm            |
| recommended maximum drilling depth $L_2$ | 42.4 mm           |
| Tolerance nominal $\varnothing$          | m7                |
| Shank $\varnothing D_s$                  | 8 mm              |
| Overall length L                         | 91 mm             |
| Number of cutting edges Z                | 2                 |
| Feed f in steel < 900 N/mm <sup>2</sup>  | 0.18 mm/rev.      |
| Flute length $L_c$                       | 53 mm             |
| Standard                                 | DIN 6537          |
| Coating                                  | TiAlN             |
| Tool material                            | Solid carbide     |
| Drill depth up to                        | 6×D               |
| Point angle                              | 140 degrees       |
| Shank                                    | DIN 6535 HA to h6 |
| Through-coolant                          | no                |
| Colour ring                              | green             |
| Type of product                          | Jobber drill      |