



## Solid carbide high performance drill Weldon shank DIN 6535 HB, TiN, Ø DC h7: 4,7 mm



### Order data

|              |               |
|--------------|---------------|
| Order number | 122635 4,7    |
| GTIN         | 4045197394156 |
| Item class   | 12E           |

### Description

#### Version:

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

**Straight major cutting edges** with slightly honed edges and special flute profile produce **short chips**.

#### Recommendation:

##### Maximum drilling depth:

clamping slot length (see table) less 1.5×nominal Ø.

##### Note:

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

#### **NEW GENERATION AVAILABLE!**

**Recommended successor product is No. 122777.**

Through-coolant: yes, with 25 bar

Standard: DIN 6537

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth  $L_2$ : 29 mm

Overall length L: 74 mm

Shank Ø  $D_s$ : 6 mm

Feed f in steel < 900 N/mm<sup>2</sup>: 0.14 mm/rev.

### Technical description

|                           |       |
|---------------------------|-------|
| Flute length $L_c$        | 36 mm |
| Number of cutting edges Z | 2     |

|   |                   |
|---|-------------------|
| Nominal $\varnothing D_c$                         | 4.7 mm            |
| Feed f in steel < 900 N/mm <sup>2</sup>           | 0.14 mm/rev.      |
| Shank tolerance                                   | h6                |
| Tolerance nominal $\varnothing$                   | h7                |
| Shank $\varnothing D_s$                           | 6 mm              |
| Overall length L                                  | 74 mm             |
| Standard  | DIN 6537          |
| recommended maximum drilling depth L <sub>2</sub> | 29 mm             |
| Coating   | TiN               |
| 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  |
| Colour ring                                       | green             |
| Type of product                                   | Jobber drill      |