



## Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø h7: 20 mm



### Order data

|              |               |
|--------------|---------------|
| Order number | 122505 20     |
| GTIN         | 4045197392466 |
| 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×nominal Ø.

#### Note:

##### NEW GENERATION AVAILABLE!

**Recommended successor products are No. 122426 and 122436.**

Machining strategy: HPC

Norm: DIN 6537 K

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

Flute length: 79 mm

Overall length  $L_{tot}$ : 131 mm

Shank Ø: 20 mm

Feed  $f$  in steel < 1100 N/mm<sup>2</sup>: 0.37 mm/rev.

### Technical description

|  |              |
|--|--------------|
| Shank tolerance                            | h6           |
| Feed $f$ in steel < 1100 N/mm <sup>2</sup> | 0.37 mm/rev. |
| Number of cutting edges Z                  | 2            |
| Nominal Ø                                  | 20 mm        |

|                                    |                   |
|------------------------------------|-------------------|
| Flute length                       | 79 mm             |
| Tolerance nominal Ø                | h7                |
| Shank Ø                            | 20 mm             |
| Overall length L <sub>tot</sub>    | 131 mm            |
| Norm                               | DIN 6537 K        |
| recommended maximum drilling depth | 49 mm             |
| Coating                            | TiAlN             |
| Tool material                      | Solid carbide     |
| Drill depth up to                  | 4×D               |
| Point angle                        | 140 degrees       |
| Skaft                              | DIN 6535 HB to h6 |
| Through-coolant                    | yes, with 25 bar  |
| Machining strategy                 | HPC               |
| Colour ring                        | green             |