



## Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø h7: 19,5 mm



### Order data

Order number	122505 19,5
GTIN	4045197392459
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

Nominal Ø	19.5 mm
Number of cutting edges Z	2
Flute length	79 mm
Feed $f$ in steel < 1100 N/mm <sup>2</sup>	0.37 mm/rev.

Shank tolerance	h6
Tolerance nominal Ø	h7
Shank Ø	20 mm
Overall length L <sub>tot</sub>	131 mm
Norm	DIN 6537 K
recommended maximum drilling depth	49.8 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