



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



### Order data

Order number	122500 19,5
GTIN	4045197050908
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:

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

Form **HB**: order with **No. 122445/122505**.

Form **HE**: order with **No. 122440/122500** and **129100HE**.

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

**Recommended successor products are No. 122415; 122425 and 122435.**

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

Number of cutting edges Z	2
Feed $f$ in steel < 1100 N/mm <sup>2</sup>	0.37 mm/rev.

Shank tolerance	h6
Flute length	79 mm
Nominal Ø	19.5 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	49.8 mm
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	4xD
Point angle	140 degrees
Skaft	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Colour ring	green

## Services

Shank grinding Type HE	129100 HE
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