

## Garant

**Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 17,5 mm**



### Order data

Order number	123115 17,5
GTIN	4045197402219
Item class	11E

### Description

#### Version:

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

Particularly high alignment accuracy due to **4 guide chamfers** which stabilise the drill even at extreme depths!

**Straight major cutting edges** with honed edges and special flute profile for **short chips**, even on long chipping materials.

#### Advantage:

**High process reliability and surface quality of the hole.**

#### Recommendation:

##### Maximum drilling depth:

Flute length (see table) less 1.5×nominal Ø.

##### Note:

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

Standard: Manufacturer's standard

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth  $L_2$ : 183.8 mm

Overall length L: 262 mm

Shank Ø  $D_s$ : 18 mm

Feed f in stainless steel < 900 N/mm<sup>2</sup>: 0.25 mm/rev.

### Technical description

Nominal Ø $D_c$	17.5 mm
Feed f in stainless steel < 900 N/mm <sup>2</sup>	0.25 mm/rev.

Flute length $L_c$	210 mm
Number of cutting edges Z	2
Shank tolerance	h6
Tolerance nominal $\varnothing$	h7
Shank $\varnothing D_s$	18 mm
Overall length L	262 mm
Standard	Manufacturer's standard
recommended maximum drilling depth $L_2$	183.8 mm
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	10xD
Point angle	135 degrees
Cutting direction	right-hand
Shank	DIN 6535 HB to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Semi-Standard	yes
Colour ring	blue
Type of product	Jobber drill