



## Solid carbide high performance drill plain shank DIN 6535 HA, TiAlN, Ø DC m7: 17,5 mm



### Order data

Order number	122664 17,5
GTIN	4045197422002
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:

flute length (see table) less  $1.5 \times \text{nominal } \varnothing$ .

#### Note:

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

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

Form **HB**: order with **No. 122666**.

Form **HE**: order with **No. 122668**.

Through-coolant: yes, with 25 bar

Standard: DIN 6537

Tolerance nominal  $\varnothing$ : m7

Number of cutting edges Z: 2

Tolerance nominal  $\varnothing$ : m7

recommended maximum drilling depth  $L_2$ : 66.8 mm

Overall length L: 143 mm

Shank  $\varnothing D_s$ : 18 mm

Feed f in stainless steel  $< 900 \text{ N/mm}^2$ : 0.16 mm/rev.

### Technical description

Nominal $\varnothing D_c$	17.5 mm
Flute length $L_c$	93 mm

Number of cutting edges Z	2
Shank tolerance	h6
Feed f in stainless steel < 900 N/mm <sup>2</sup>	0.16 mm/rev.
Tolerance nominal Ø	m7
Shank Ø D <sub>s</sub>	18 mm
Overall length L	143 mm
Standard	DIN 6537
recommended maximum drilling depth L <sub>2</sub>	66.8 mm
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	6×D
Point angle	140 degrees
Shank	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Colour ring	blue
Type of product	Jobber drill