



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



### Order data

Order number	122664 5
GTIN	4045197421258
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  $L_2$ : 36.5 mm

Overall length L: 82 mm

Shank  $\varnothing D_s$ : 6 mm

Feed f in stainless steel  $< 900 \text{ N/mm}^2$ : 0.07 mm/rev.

### Technical description

Nominal $\varnothing D_c$	5 mm
Number of cutting edges Z	2

Flute length $L_c$	44 mm
Shank tolerance	h6
Feed $f$ in stainless steel < 900 N/mm <sup>2</sup>	0.07 mm/rev.
Tolerance nominal $\varnothing$	m7
Shank $\varnothing D_s$	6 mm
Overall length $L$	82 mm
Standard	DIN 6537
recommended maximum drilling depth $L_2$	36.5 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