

## Garant

**Solid carbide HPC drill, plain shank DIN 6535 HA, TiAlSiN, Ø DC m7: 4,5mm**



### Order data

Order number	122680 4,5
GTIN	4062406779542
Item class	11E

### Description

#### Version:

Specially for machining **titanium-based and nickel-based alloys**. With wear-resistant, ultra-smooth TiAlSiN high-performance coating for a **long tool life** combined with **optimum bore quality** and **very low burr formation**.

#### Note:

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

HB and HE shanks are available at the same price as HA.

For **HB**: use order **No. 122681**.

For **HE**: use order **No. 122680** and **129100HE**.

### Technical description

Nominal Ø $D_c$	4.5 mm
Overall length L	74 mm
Standard	DIN 6537
recommended maximum drilling depth $L_2$	29.3 mm
Shank Ø $D_s$	6 mm
Number of cutting edges Z	2
Tolerance nominal Ø	m7
Feed f in titanium > 850 N/mm <sup>2</sup>	0.06 mm/rev.
Flute length $L_c$	36.05 mm
Coating	TiAlSiN

Tool material	Solid carbide
Version	6×D
Point angle	140 degrees
Shank	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Semi-Standard	yes
Colour ring	pink
Type of product	Jobber drill

### User data

	Suitability	V <sub>c</sub>	ISO code
Ti > 850 N/mm <sup>2</sup>	suitable		
Inconel	suitable		
wet maximum	suitable		

### Services

Shank grinding Type HE	129100 HE
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