

## Garant

**Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlSiN, Ø DC m7: 5,8mm**



### Order data

Order number	122681 5,8
GTIN	4062406791773
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  $L_c = L_2 + 1.5 \times D_c$ .

### Technical description

Number of cutting edges Z	2
Overall length L	82 mm
Standard	DIN 6537
Tolerance nominal Ø	m7
Feed f in titanium > 850 N/mm <sup>2</sup>	0.08 mm/rev.
recommended maximum drilling depth L <sub>2</sub>	35.3 mm
Shank Ø D <sub>s</sub>	6 mm
Nominal Ø D <sub>c</sub>	5.8 mm
Flute length L <sub>c</sub>	44 mm
Coating	TiAlSiN
Tool material	Solid carbide
Version	6×D

Point angle	140 degrees
Shank	DIN 6535 HB 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		