

## Garant

**Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlSiN, Ø DC m7: 7,7mm**



### Order data

Order number	122681 7,7
GTIN	4062406791964
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

Tolerance nominal Ø	m7
Nominal Ø $D_c$	7.7 mm
recommended maximum drilling depth $L_2$	41.5 mm
Standard	DIN 6537
Shank Ø $D_s$	8 mm
Feed $f$ in titanium $> 850 \text{ N/mm}^2$	0.1 mm/rev.
Number of cutting edges $Z$	2
Flute length $L_c$	53.05 mm
Overall length $L$	91 mm
Coating	TiAlSiN
Tool material	Solid carbide
Version	6xD

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		