

**Garant**
**Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlSiN, Ø DC m7: 16mm**

**Order data**

Order number	122481 16
GTIN	4062406791490
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**

Overall length L	115 mm
Number of cutting edges Z	2
Flute length $L_c$	65 mm
recommended maximum drilling depth $L_2$	41 mm
Standard	DIN 6537 K
Nominal $\varnothing D_c$	16 mm
Feed f in titanium $> 850 \text{ N/mm}^2$	0.18 mm/rev.
Shank $\varnothing D_s$	16 mm
Tolerance nominal $\varnothing$	m7
Coating	TiAlSiN
Tool material	Solid carbide
Version	4xD

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		