

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

Order data

Order number	122681 16
GTIN	4062406792367
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
Overall length L	133 mm
Feed f in titanium > 850 N/mm ²	0.18 mm/rev.
Standard	DIN 6537
Number of cutting edges Z	2
Shank Ø D _s	16 mm
recommended maximum drilling depth L ₂	59 mm
Flute length L _c	83 mm
Nominal Ø D _c	16 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 _c	ISO code
Ti > 850 N/mm ²	suitable		
Inconel	suitable		
wet maximum	suitable		