

Garant

Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlSiN, Ø DC m7: 6,1mm



Order data

Order number	122681 6,1
GTIN	4062406791803
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

Nominal Ø D_c	6.1 mm
recommended maximum drilling depth L_2	43.9 mm
Feed f in titanium $> 850 \text{ N/mm}^2$	0.08 mm/rev.
Overall length L	91 mm
Tolerance nominal Ø	m7
Flute length L_c	53.05 mm
Number of cutting edges Z	2
Standard	DIN 6537
Shank Ø D_s	8 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 _c	ISO code
Ti > 850 N/mm ²	suitable		
Inconel	suitable		
wet maximum	suitable		