

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

Order data

Order number	122481 6,1
GTIN	4062406790936
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

recommended maximum drilling depth L_2	24.9 mm
Tolerance nominal Ø	m7
Standard	DIN 6537 K
Flute length L_c	34.05 mm
Shank Ø D_s	8 mm
Nominal Ø D_c	6.1 mm
Feed f in titanium $> 850 \text{ N/mm}^2$	0.08 mm/rev.
Number of cutting edges Z	2
Overall length L	79 mm
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 _c	ISO code
Ti > 850 N/mm ²	suitable		
Inconel	suitable		
wet maximum	suitable		