

Garant**Solid carbide HPC drill, plain shank DIN 6535 HA, TiAlSiN, Ø DC m7: 2,31-Xmm****Order data**

Order number	122480 2,31-X
GTIN	4067263000624
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 $L_c = L_2 + 1.5 \times D_c$.

HB and HE shanks are available at the same price as HA.

For **HB**: use order **No. 122481**.

For **HE**: use order **No. 122480** and **129100HE**. Items made to order for a specific customer:

Cancellation only up to a maximum of 3 working days after receipt of order acknowledgement.

Items cannot be returned. We reserve the right to over-deliver or under-deliver by +/-10% (minimum 1 piece).

Minimum order quantity: 3 pcs

Delivery time: 7 working weeks

Technical description

Tolerance nominal Ø	m7
Ø range	2.31 - 3 mm
Number of cutting edges Z	2
Standard	DIN 6537
recommended maximum drilling depth L_2	11.5 mm
Flute length L_c	16 mm

Overall length L	50 mm
Shank Ø D _s	4 mm
Coating	TiAlSiN
Tool material	Solid carbide
Version	4×D
Point angle	140 degrees
Shank	DIN 6535 HA 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		