

## Garant

### Solid carbide HPC drill, plain shank DIN 6535 HA, TiAlSiN, Ø DC m7: 18,01-Xmm



## Order data

Order number	122480 18,01-X
GTIN	4067263000730
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**. Delivery time: 7 working weeks

Minimum order quantity: 3 pcs

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).

## Technical description

Overall length L	131 mm
Standard	DIN 6537
Shank Ø D <sub>s</sub>	20 mm
Flute length L <sub>c</sub>	79 mm
Number of cutting edges Z	2
Ø range	18.01 - 20 mm

Tolerance nominal $\varnothing$	m7
recommended maximum drilling depth $L_2$	49 mm
Coating	TiAlSiN
Tool material	Solid carbide
Version	4xD
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 <sup>2</sup>	suitable		
Inconel	suitable		
wet maximum	suitable		