

## Garant

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



#### Order data

Order number	122680 18,01-X
GTIN	4067263000952
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. 122681**.

For **HE**: use order **No. 122680** and **129100HE**. 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).

Delivery time: 7 working weeks

#### Technical description

Ø range	18.01 - 20 mm
Standard	DIN 6537
Number of cutting edges Z	2
Shank Ø D <sub>s</sub>	20 mm
recommended maximum drilling depth L <sub>2</sub>	71 mm
Flute length L <sub>c</sub>	101 mm
Overall length L	153 mm

Tolerance nominal $\varnothing$	m7
Coating	TiAlSiN
Tool material	Solid carbide
Version	6xD
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		