

Garant
Solid carbide HPC drill, plain shank DIN 6535 HA, TiAlSiN, Ø DC m7: 12mm

Order data

Order number	122480 12
GTIN	4062406779306
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**.

Technical description

Shank Ø D_s	12 mm
recommended maximum drilling depth L_2	37 mm
Standard	DIN 6537 K
Nominal Ø D_c	12 mm
Feed f in titanium $> 850 \text{ N/mm}^2$	0.15 mm/rev.
Overall length L	102 mm
Flute length L_c	55 mm
Tolerance nominal Ø	m7
Number of cutting edges Z	2
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 ²	suitable		
Inconel	suitable		
wet maximum	suitable		

Services

Shank grinding Type HE	129100 HE
------------------------	-----------