

Garant
Solid carbide HPC drill, plain shank DIN 6535 HA, TiAlSiN, Ø DC m7: 13mm

Order data

Order number	122480 13
GTIN	4062406779337
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

Flute length L_c	60 mm
Tolerance nominal \emptyset	m7
Nominal $\emptyset D_c$	13 mm
Shank $\emptyset D_s$	14 mm
Overall length L	107 mm
Feed f in titanium > 850 N/mm ²	0.16 mm/rev.
Number of cutting edges Z	2
recommended maximum drilling depth L_2	40.5 mm
Standard	DIN 6537 K
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		

Services

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