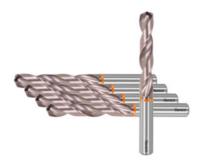
# Garant

# GARANT Uni Hero solid carbide drill, plain shank DIN 6535 HA, TiAlSiN, Ø DC h7: 6,5mm



#### **Order data**

Order number	GG1254 6,5
GTIN	4067263106562
Item class	GGN

### **Description**

#### **Version:**

The ultimate in universality and profitability in one tool. Robust tool design and convex-concave curved cutting edge design for optimum tool stability and chip breakage behaviour in a wide range of materials. Special flute geometry and polished flutes for ideal chip evacuation and maximum process reliability. Ultra-smooth TiAlSiN high-performance coating to effectively reduce wear and the formation of built-up edges.

#### Same as number: 122700.

Form HB available with No. GG1257 at the same price.

Form HB only available from  $\geq$  3 mm.

#### Note:

Flute length  $L_c = L_2 + 1.5 \times D_c$ .

Articles with prices in brackets: Different delivery time and minimum order quantity is 3 pieces.

### **Technical description**

Standard	DIN 6537 L
Overall length L	91 mm
Contents	5″

## Data sheet

Flute length L <sub>c</sub>	53 mm		
recommended maximum drilling depth $L_2$	43.3 mm		
Tolerance nominal Ø	h7		
Feed f in steel < 1100 N/mm <sup>2</sup>	0.16 mm/rev.		
Shank Ø D <sub>s</sub>	8 mm		
Number of cutting edges Z	2		
Nominal Ø D <sub>C</sub>	6.5 mm		
Coating	TiAlSiN		
Tool material	Solid carbide		
Version	6×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	orange		
Type of product	Jobber drill		

### **User data**

	Suitability	<b>V</b> <sub>c</sub>	ISO code
Alu plastics	suitable only under restricted conditions	190 m/min	N
Aluminium (short chipping)	suitable	200 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	160 m/min	Р
Steel < 750 N/mm <sup>2</sup>	suitable	150 m/min	Р
Steel < 900 N/mm <sup>2</sup>	suitable	140 m/min	Р
Steel < 1100 N/mm <sup>2</sup>	suitable	110 m/min	Р
Steel < 1400 N/mm <sup>2</sup>	suitable	90 m/min	Р

# Data sheet

INOX < 900 N/mm <sup>2</sup>	suitable	90 m/min	М
INOX > 900 N/mm <sup>2</sup>	suitable	80 m/min	М
Ti > 850 N/mm <sup>2</sup>	suitable	40 m/min	S
GG(G)	suitable	130 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable		
Air	suitable only under restricted conditions		
	restricted conditions		

**Suitable products** 

No Shop URL available for: GG1254 6,5