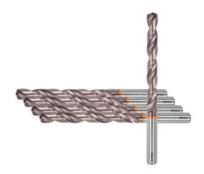
# Garant

# GARANT Uni Hero solid carbide drill, plain shank DIN 6535 HA, TiAlSiN, Ø DC h7: 10,5mm



#### **Order data**

Order number	GG1255 10,5
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: 123020.

Form HB available with No. GG1258 at the same price.

#### 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**

Nominal Ø D <sub>c</sub>	10.5 mm
recommended maximum drilling depth L <sub>2</sub>	98.3 mm
Overall length L	162 mm

## Data sheet

Number of cutting edges Z	2		
Shank Ø D <sub>s</sub>	12 mm		
Flute length L <sub>c</sub>	114 mm		
Feed f in steel < 1100 N/mm <sup>2</sup>	0.2 mm/rev.		
Standard	Manufacturer's standard		
Tolerance nominal Ø	h7		
Contents	5″		
Coating	TiAlSiN		
Tool material	Solid carbide		
Version	8×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	140 m/min	N
Aluminium (short chipping)	suitable	150 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	120 m/min	Р
Steel < 750 N/mm <sup>2</sup>	suitable	115 m/min	Р
Steel < 900 N/mm <sup>2</sup>	suitable	110 m/min	Р
Steel < 1100 N/mm <sup>2</sup>	suitable	80 m/min	Р
Steel < 1400 N/mm <sup>2</sup>	suitable	70 m/min	Р

# Data sheet

INOX < 900 N/mm <sup>2</sup>	suitable	65 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable	60 m/min	М
Ti > 850 N/mm <sup>2</sup>	suitable	35 m/min	S
GG(G)	suitable	95 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable		
Air	suitable only under restricted conditions		
	restricted corrations		

**Suitable products** 

No Shop URL available for: GG1255 10,5