Data sheet

Garant

Value pack GARANT Uni Hero solid carbide drill, plain shank

Order data

Order number	GG1256 3,7
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.
Note:
Flute length $L_C = L_2 + 1.5 \times D_C$.

Technical description

Nominal ∅ D_C	3.7 mm
Flute length L_c	20 mm
Tolerance nominal ∅	h7
Overall length L	62 mm
recommended maximum drilling depth L_2	14.5 mm
Number of cutting edges Z	2
Shank ∅ D_s	6 mm
Contents	5″ pcs.
Coating	TiAlSiN
Semi-Standard	yes
Tool material	Solid carbide

Version	4×D
Point angle	140 degrees
Shank	DIN 6535 HB to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Colour ring	orange
Type of product	Jobber drill
USP1	GARANT Uni Hero solid carbide drill, plain shank DIN 6535 HB
USP2	5 pieces

User data

	Suitability	V_c	ISO code
Alu plastics	suitable only under restricted conditions	190 m/min	N
Aluminium (short chipping)	suitable	200 m/min	N
Steel < 500 N/mm²	suitable	160 m/min	P
Steel < 750 N/mm²	suitable	150 m/min	P
Steel < 900 N/mm²	suitable	140 m/min	P
Steel < 1100 N/mm²	suitable	110 m/min	P
Steel < 1400 N/mm²	suitable	90 m/min	P
INOX < 900 N/mm²	suitable	90 m/min	M
INOX > 900 N/mm²	suitable	80 m/min	M
Ti > 850 N/mm²	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

Suitable products

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