

Garant**Solid carbide jobber drill, TiAlN, Ø DC h7: 13mm****Order data**

Order number	GG1252 13
GTIN	4067263106562
Item class	GGN

Description**Version:**

With the same nominal and shank Ø.

TiAlN coating for even better performance.

Similar to DIN 338.

Same as number: 122251.

Note:

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

Non slip clamping in drill chuck No. 341050 with diamond coated clamping jaws.

Technical description

Overall length L	151 mm
Nominal Ø D_c	13 mm
recommended maximum drilling depth L_2	81.5 mm
Flute length L_c	101 mm
Number of cutting edges Z	2
Contents	5"

Data sheet

Feed f in steel < 1100 N/mm ²	0.18 mm/rev.
Shank tolerance	h7
Shank Ø D _s	13 mm
Standard	DIN 338
Tolerance nominal Ø	h7
Coating	TiAlN
Tool material	Solid carbide
Type	N
Point angle	118 degrees
Helix angle	30 degrees
Shank	Parallel shank to h7
Through-coolant	no
Colour ring	without
Type of product	Jobber drill

User data

	Suitability	V _c	ISO code
Alu plastics	suitable only under restricted conditions	260 m/min	N
Aluminium (short chipping)	suitable	180 m/min	N
Alu > 10% Si	suitable	180 m/min	N
Steel < 500 N/mm ²	suitable	90 m/min	P
Steel < 750 N/mm ²	suitable	90 m/min	P
Steel < 900 N/mm ²	suitable	80 m/min	P
Steel < 1100 N/mm ²	suitable	60 m/min	P
Steel < 1400 N/mm ²	suitable	35 m/min	P
INOX < 900 N/mm ²	suitable	35 m/min	M
INOX > 900 N/mm ²	suitable	25 m/min	M

Ti > 850 N/mm ²	suitable	25 m/min	S
GG(G)	suitable	90 m/min	K
CuZn	suitable	180 m/min	N
Uni	suitable		
Oil	suitable		
wet maximum	suitable		
dry	suitable only under restricted conditions		
Suitable products			

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