

Garant**Solid carbide jobber drill, TiAlN, Ø DC h7: 4,1mm****Order data**

Order number	GG1252 4,1
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

Shank tolerance	h7
Nominal Ø D_c	4.1 mm
Flute length L_c	43 mm
Shank Ø D_s	4.1 mm
Overall length L	75 mm
Contents	5"

Data sheet

recommended maximum drilling depth L_2	36.9 mm
Feed f in steel $< 1100 \text{ N/mm}^2$	0.08 mm/rev.
Tolerance nominal $\varnothing$	h7
Standard	DIN 338
Number of cutting edges Z	2
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 $> 10\% \text{ Si}$	suitable	180 m/min	N
Steel $< 500 \text{ N/mm}^2$	suitable	90 m/min	P
Steel $< 750 \text{ N/mm}^2$	suitable	90 m/min	P
Steel $< 900 \text{ N/mm}^2$	suitable	80 m/min	P
Steel $< 1100 \text{ N/mm}^2$	suitable	60 m/min	P
Steel $< 1400 \text{ N/mm}^2$	suitable	35 m/min	P
INOX $< 900 \text{ N/mm}^2$	suitable	35 m/min	M
INOX $> 900 \text{ N/mm}^2$	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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