Garant

GARANT Master Steel SPEED solid carbide drill, Weldon shank DIN 6535 HB, TiAlN, ⌀ DC h7: 3,2mm

Order data

Order number	123026 3,2
GTIN	4045197846037
Item class	11E

Description

Version:
Developed for use with **very high cutting speeds**. Outstandingly suitable for machines with **low installed power** and high speeds.
· **Clear reduction in cutting forces due to special cutter geometry.**
· **Coating for best wear resistance even at high process temperatures.**
· **Polished flutes for good chip clearance.**
A **slim chisel point** and the **special arrangement of the 4 guide chamfers** ensure **high positioning and alignment accuracy**. Optimised micro-geometry for increased working life and performance capability.
Note:
Flute length $L_C = L_2 + 1.5 \times D_C$.

Technical description

Overall length L	72 mm
Standard	Manufacturer's standard
Number of cutting edges Z	2
Shank ⌀ D_s	6 mm
Tolerance nominal ⌀	h7
Nominal ⌀ D_C	3.2 mm
Flute length L_c	34 mm
Feed f in steel < 1100 N/mm^2	0.09 mm/rev.

recommended maximum drilling depth L_2	29.2 mm
Series	Master Steel
Coating	TiAlN
Tool material	Solid carbide
Version	8×D
Point angle	135 degrees
Shank	DIN 6535 HB to h6
Through-coolant	yes, to 25 bar
Machining strategy	HPC
Semi-Standard	yes
Colour ring	green
Type of product	Jobber drill

User data

	Suitability	V_c	ISO code
Steel < 500 N/mm²	suitable	195 m/min	P
Steel < 750 N/mm²	suitable	150 m/min	P
Steel < 900 N/mm²	suitable	135 m/min	P
Steel < 1100 N/mm²	suitable	125 m/min	P
Steel < 1400 N/mm²	suitable	80 m/min	P
INOX < 900 N/mm²	suitable only under restricted conditions	65 m/min	M
GG	suitable	120 m/min	K
GGG	suitable	115 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable		