GARANT Master Steel solid carbide HPC drill, Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 3mm

Order data

Order number	122476 3
GTIN	4067263122944
Item class	11E

Description

Version:
Robust drill design and optimised special point geometry for the **best possible chip formation and reliable chip breakage** with **higher feed rates at the same time. Advanced micro-geometry, convex** cutting edge and **conical profile grinding** to provide additional stability for the main cutting edge. **Optimised flute geometry and patented face geometry** for **reliable chip evacuation** in steel materials and cast material. **High-performance coating** of the latest generation.
Note:
Flute length $L_C = L_2 + 1.5 \times D_C$.

Technical description

Shank Ø D_s	6 mm
Standard	DIN 6537 K
recommended maximum drilling depth L_2	15.5 mm
Overall length L	62 mm
Nominal Ø D_C	3 mm
Feed f in steel < 1100 N/mm^2	0.12 mm/rev.
Number of cutting edges Z	2
Tolerance nominal Ø	h7
Flute length L_c	20 mm
Series	Master Steel

Coating	TiAlN
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
Semi-Standard	yes
Colour ring	green
Type of product	Jobber drill

User data

	Suitability	**V_c**	**ISO code**
Steel < 500 N/mm²	suitable	170 m/min	P
Steel < 750 N/mm²	suitable	155 m/min	P
Steel < 900 N/mm²	suitable	145 m/min	P
Steel < 1100 N/mm²	suitable	130 m/min	P
Steel < 1400 N/mm²	suitable	110 m/min	P
Steel < 55 HRC	suitable	60 m/min	H
INOX < 900 N/mm²	suitable only under restricted conditions	55 m/min	M
INOX > 900 N/mm²	suitable only under restricted conditions	45 m/min	M
GG	suitable	130 m/min	K
GGG	suitable	90 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable		
Air	suitable		