

Garant

GARANT Master Steel SPEED solid carbide drill, Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 3,4 mm



Order data

Order number	123026 3,4
GTIN	4045197846051
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.

Recommendation:

Maximum drilling depth:

clamping slot length (see table) less 1.5×nominal Ø.

Note:

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

Standard: Manufacturer's standard

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 28.9 mm

Overall length L: 72 mm

Shank Ø D_s : 6 mm

Feed f in steel < 1100 N/mm²: 0.09 mm/rev.

Technical description

Feed f in steel < 1100 N/mm ²	0.09 mm/rev.
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Flute length L_c	34 mm
Number of cutting edges Z	2
Overall length L	72 mm
Shank $\varnothing D_s$	6 mm
Nominal $\varnothing D_c$	3.4 mm
recommended maximum drilling depth L_2	28.9 mm
Tolerance nominal \varnothing	h7
Standard	Manufacturer's standard
Series	GARANT Master Steel
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	8xD
Point angle	135 degrees
Cutting direction	right-hand
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