ℎ Hoffmann Group

Garant

GARANT Master Steel SPEED solid carbide drill, plain shank DIN 6535 HA, TiAlN, Ø DC h7: 6,1 mm

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Order data

Order number	123025 6,1
GTIN	4045197843883
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:
flute length (see table) less 1.5×nominal Ø.

Note:
Flute length $L_c = L_2 + 1.5 \times D_c$.
Versions HB and HE supplied at the same price as HA.
Form **HB:** order with **No. 123026**.
Form **HE:** order with **No. 123025 + 129100HE**.
Standard: Manufacturer's standard
Tolerance nominal Ø: h7
Number of cutting edges Z: 2
Tolerance nominal Ø: h7
recommended maximum drilling depth L_2: 66.9 mm
Overall length L: 114 mm
Shank Ø D_s: 8 mm
Feed f in steel < 1100 N/mm^2: 0.15 mm/rev.

Technical description

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recommended maximum drilling depth L_2	66.9 mm
Nominal $\varnothing$ D_c	6.1 mm
Standard	Manufacturer's standard
Feed f in steel < 1100 N/mm^2	0.15 mm/rev.
Overall length L	114 mm
Shank $\varnothing$ D_s	8 mm
Number of cutting edges Z	2
Flute length L_c	76 mm
Tolerance nominal $\varnothing$	h7
Series	GARANT Master Steel
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	8×D
Point angle	135 degrees
Shank	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Semi-Standard	yes
Colour ring	green
Type of product	Jobber drill

Services

Shank grinding Type HE	129100 HE