

Garant

GARANT Master Steel SPEED solid carbide drill, plain shank DIN 6535 HA, TiAlN, Ø DC h7: 10,6 mm



Order data

Order number	123025 10,6
GTIN	4045197844330
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 : 98.1 mm

Overall length L: 162 mm

Shank Ø D_s : 12 mm

Feed f in steel < 1100 N/mm²: 0.2 mm/rev.

Technical description

Flute length L_c	114 mm
Nominal $\varnothing D_c$	10.6 mm
Feed f in steel $< 1100 \text{ N/mm}^2$	0.2 mm/rev.
Number of cutting edges Z	2
recommended maximum drilling depth L_2	98.1 mm
Shank $\varnothing D_s$	12 mm
Tolerance nominal \varnothing	h7
Overall length L	162 mm
Standard	Manufacturer's standard
Series	GARANT Master Steel
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	8xD
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
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