

**Garant**

**GARANT Master Steel FEED solid carbide drill, plain shank DIN 6535 HA, TiAlN, Ø DC h7: 11/32 mm or inch**


**Order data**

Order number	123035 11/32
GTIN	4062406112387
Item class	11E

**Description**
**Version:**

**3-flute drill**, specially developed for **use at very high feed rates**. Outstandingly suitable for **machines with high installed power** and stable operating conditions.

- **Special cutter geometry with stable cutting edges and large clearance at the centre enables very high feed rates.**
- **The patented tip is optimised for chip flow and generates low cutting pressure with good chip breakage.**

The **sector-leading technology of the drill point** guarantees **optimum self-centring behaviour**. 3 guide chamfers guarantee a stable exit from the hole and an exact roundness of the hole.

**Recommendation:**
**Maximum drilling depth:**

flute length (see table) less 1.5×nominal Ø.

**Note:**

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

Form HB and HE supplied at the same price as HA.

Form **HB**: order with **No. 123036**.

Form **HE**: order with **No. 123035 + 129100HE**.

Machining strategy: HPC

Standard: Manufacturer's standard

Tolerance nominal Ø: h7

Number of cutting edges Z: 3

Semi-Standard: yes

Tolerance nominal Ø: h7

recommended maximum drilling depth  $L_2$ : 81.8 mm

Overall length L: 142 mm

Shank Ø  $D_s$ : 10 mm

Feed  $f$  in steel  $< 1100 \text{ N/mm}^2$ : 0.44 mm/rev.

## Technical description

Flute length $L_c$	95 mm
Inch nominal $\varnothing$ corresponds to	8.73 mm
Standard	Manufacturer's standard
Tolerance nominal $\varnothing$	h7
Number of cutting edges $Z$	3
Shank $\varnothing D_s$	10 mm
Feed $f$ in steel $< 1100 \text{ N/mm}^2$	0.44 mm/rev.
recommended maximum drilling depth $L_2$	81.8 mm
Overall length $L$	142 mm
Semi-Standard	yes
Series	GARANT Master Steel
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	8xD
Point angle	140 degrees
Shank	DIN 6535 HA to h6
Through-coolant	yes, to 25 bar
Machining strategy	HPC
Colour ring	green
Type of product	Jobber drill

## Services

Shank grinding Type HE	129100 HE
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