Garant

GARANT Master Steel FEED solid carbide drill, Weldon shank DIN 6535 HB, TiAlN, ⌀ DC h7 (mm or inch): 8,7 mm or inch

Order data

Order number	122436 8,7
GTIN	4045197792921
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 machining 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.**
- **With a 145° point angle for low burrs on emerging from through holes.**

The **sector-leading technology of the chisel point** guarantees **optimum self-centring behaviour** and permits spot drilling on irregular surfaces. 3 guide chamfers guarantee a stable exit from the hole and an exact roundness of the hole.
Recommendation:
Maximum drilling depth:
clamping slot length (see table) less 1.5×nominal ⌀.
Note:
Flute length $L_C = L_2 + 1.5 \times D_C$.
Standard: DIN 6537 K
Tolerance nominal ⌀: h7
Number of cutting edges Z: 3
Tolerance nominal ⌀: h7
recommended maximum drilling depth L_2: 34 mm
Overall length L: 89 mm
Shank ⌀ D_s: 10 mm
Feed f in steel < 1100 N/mm^2: 0.44 mm/rev.

Technical description

Feed f in steel < 1100 N/mm^2	0.44 mm/rev.
Shank ⌀ D_s	10 mm
Overall length L	89 mm
Number of cutting edges Z	3
Standard	DIN 6537 K
Nominal ⌀ D_C	8.7 mm
Tolerance nominal ⌀	h7
Flute length L_c	47 mm
recommended maximum drilling depth L_2	34 mm
Series	GARANT Master Steel
Coating	TiAlN
Tool material	solid carbide
Drill depth up to	4×D
Point angle	145 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