

Garant
GARANT Master Steel FEED solid carbide stepped drill, TiAlN, for threads: M5

Order data

Order number	125035 M5
GTIN	4062406066444
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.

Diameter tolerance first level: h7.

For generation of **optimum tapping holes**. Creates **ideal machining conditions** for the subsequent tapping tool. The cutter \varnothing of the drill is matched to the thread that is to be produced, in order to achieve a threads true to gauge and for **high process reliability of the tapping process**. The 90° counterbore for the thread is produced **in the same operation** as drilling the tapping hole.

Thread type: M

No. of teeth Z: 3

Through-coolant: yes, with 25 bar

Thread pitch: 0.8

$\varnothing D_1$ 1st step: 4.25 mm

$\varnothing D_2$ 2nd step with chamfer h7: 5.5 mm

Step height L_1 1st step: 13.6 mm

Flute length L_c : 28 mm

Overall length L: 66 mm

Technical description

Feed f in steel < 1100 N/mm ²	0.28 mm/rev.
$\varnothing D_2$ 2nd step with chamfer h7	5.5 mm
Flute length L_c	28 mm
Overall length L	66 mm

Shank $\varnothing D_s$	6 mm
for threads	M5
No. of teeth Z	3
Thread pitch	0.8
Thread type	M
Through-coolant	yes, with 25 bar
$\varnothing D_1$ 1st step	4.25 mm
Step height L_1 1st step	13.6 mm
Series	GARANT Master Steel
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Tolerance nominal \varnothing	m7
Point angle	145 degrees
Shank	DIN 6535 HA to h6
Countersink angle	90 degrees
Machining strategy	HPC
Colour ring	green
Type of product	Stepped drill