

Garant
GARANT Master TM plain shank thread mill 2×D, TiAlN, M: M4

Order data

Order number	139640 M4
GTIN	4045197957269
Item class	11D

Description
Version:

Solid carbide thread mills **with irregular cutting edge spacing and an increased number of cutting edges**. Due to the **irregular cutting edge spacing** they achieve **very smooth running and long tool life**.

Newly developed universal geometry and high-performance coating for use across a wide spectrum of materials.

- **Significantly reduced vibration due to irregular cutting edge spacing**
- **Increased number of cutting edges**
- **New coating for optimum wear resistance**
- **Corrected thread profile for avoidance of profile distortions**

Through-coolant feed \geq M4

Note:

HB and HE shanks are available at the same price as HA.

Order **HB** shank: with **No. 139640 + 129100 HB**.

Order **HE** shank: with **No. 139640 + 129100 HE**.

Through-coolant: yes

No. of teeth Z: 4

Thread pitch: 0.7 mm

Nominal $\varnothing D_c$: 3.1 mm

Flute length L_c : 8.05 mm

Shank length L_s : 36 mm

Overall length L: 58 mm

Shank $\varnothing D_s$: 6 mm

Technical description

Feed f_z in steel < 750 N/mm ²	0.02 mm
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Overall length L	58 mm
Thread depth	8 mm
Shank length L _s	36 mm
Through-coolant	yes
Thread pitch	0.7 mm
Shank Ø D _s	6 mm
Number of clamping slots	4
No. of teeth Z	4
Thread size	M4
Nominal Ø D _c	3.1 mm
Flute length L _c	8.05 mm
Coating	TiAlN
Thread type	M-LH
Thread type	M
Flank angle	60 degrees
Tool material	Solid carbide
Thread standard	DIN 13
Shank	DIN 6535 HA to h6
Application for type of drilling	up to 2×D for blind holes and through holes
Spacing of the cutters	unequal spacing
Shank tolerance	h6
Colour ring	green
Internal/external application	Indvendig
Series	GARANT Master TM
Type of product	thread milling cutter

Services

Shank grinding Type HB	129100 HB
	129100 HE

Shank grinding Type HE
