

Garant

GARANT Master TM plain shank thread mill 2×D, TiAlN, M: M3



Order data

Order number	139640 M3
GTIN	4045197955463
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:

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

Form **HB**: order with **No. 139640 / 136941 + 129100 HB**

Form **HE**: order with **No. 139640 /136941 + 129100 HE**.

Through-coolant: no

No. of teeth Z: 4

Thread pitch: 0.5 mm

Nominal $\varnothing D_c$: 2.33 mm

maximum insertion depth L_1 : 6.25 mm

Shank length L_s : 36 mm

Overall length L: 58 mm

Shank $\varnothing D_s$: 6 mm

Technical description

maximum insertion depth L_1	6.25 mm
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Number of clamping slots	4
No. of teeth Z	4
Shank length L _s	36 mm
Thread depth	6 mm
Feed f _z in steel < 750 N/mm ²	0.01 mm
Shank Ø D _s	6 mm
Overall length L	58 mm
Through-coolant	no
Thread pitch	0.5 mm
Thread size	M3
Nominal Ø D _c	2.33 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 2xD 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
