

Garant
GARANT Master TM plain shank thread mill 2×D, TiAlN, MF: 5X0,5

Order data

Order number	139665 5X0,5
GTIN	4045197957573
Item class	11D

Description
Version:

Solid carbide thread milling cutters **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 $\geq 4 \times 0.5$

Note:

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

Form **HB**: order with **No. 139665 + 129100 HB**

Form **HE**: order with **No. 139665 + 129100 HE**

Through-coolant: yes

No. of teeth Z: 4

Thread pitch: 0.5 mm

Nominal $\varnothing D_c$: 4.1 mm

maximum insertion depth L_1 : 10.25 mm

Shank length L_s : 36 mm

Overall length L: 58 mm

Shank $\varnothing D_s$: 6 mm

Technical description

Shank $\varnothing D_s$	6 mm
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No. of teeth Z	4
maximum insertion depth L ₁	10.25 mm
Shank length L _s	36 mm
Overall length L	58 mm
Feed f _z in steel < 750 N/mm ²	0.035 mm
Thread depth	10 mm
Thread pitch	0.5 mm
Through-coolant	yes
Number of clamping slots	4
Thread size	M5×0.5
Nominal Ø D _c	4.1 mm
Coating	TiAlN
Thread type	MF
Thread type	MF-LH
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
Colour ring	green
Internal/external application	Indvendig
Series	GARANT Master TM
Type of product	thread milling cutter

Services

Shank grinding Type HB	129100 HB
Shank grinding Type HE	129100 HE

