

Garant
GARANT Master TM plain shank thread mill 2×D, TiAlN, MF: 3X0,35

Order data

Order number	139665 3X0,35
GTIN	4045197955470
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: no

No. of teeth Z: 4

Thread pitch: 0.35 mm

Nominal $\varnothing D_c$: 2.45 mm

maximum insertion depth L_1 : 6.13 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 $< 750 \text{ N/mm}^2$	0.01 mm
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Thread depth	6 mm
maximum insertion depth L_1	6.13 mm
No. of teeth Z	4
Number of clamping slots	4
Overall length L	58 mm
Shank length L_s	36 mm
Thread pitch	0.35 mm
Shank $\varnothing D_s$	6 mm
Through-coolant	no
Thread size	M3×0.35
Nominal $\varnothing D_c$	2.45 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 HE	129100 HE
Shank grinding Type HB	129100 HB

