

Garant
GARANT Master TM plain shank thread mill 2×D, TiAlN, MF: 14X1,5

Order data

Order number	139665 14X1,5
GTIN	4045197957658
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: 6

Thread pitch: 1.5 mm

Nominal $\varnothing D_c$: 11.95 mm

maximum insertion depth L_1 : 29.25 mm

Shank length L_s : 45 mm

Overall length L: 92 mm

Shank $\varnothing D_s$: 12 mm

Technical description

maximum insertion depth L_1	29.25 mm
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Overall length L	92 mm
Number of clamping slots	6
Shank length L _s	45 mm
No. of teeth Z	6
Through-coolant	yes
Feed f _z in steel < 750 N/mm ²	0.1 mm
Thread depth	28 mm
Thread pitch	1.5 mm
Shank Ø D _s	12 mm
Thread size	M14×1.5
Nominal Ø D _c	11.95 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

