

Garant
GARANT Master TM plain shank thread mill 2xD, TiAlN, UNC: 7/8-9

Order data

Order number	139722 7/8-9
GTIN	4062406058012
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**

Application:

For **UNC unified coarse threads** ASME-B1.1.

Note:

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

Form **HB**: order with **No. 139722 + 129100 HB**

Form **HE**: order with **No. 139722 + 129100 HE**

Spacing of the cutters: unequal spacing

Thread type: UNC

Thread type: UNC-LH

No. of teeth Z: 6

Threads per inch: 9

Nominal Ø D_C: 15.95 mm

Flute length L_C: 46.43 mm

Shank length L_S: 48 mm

Overall length L: 110 mm

Shank Ø D_S: 16 mm

Technical description

Number of clamping slots	6
Thread type	UNC
Thread type	UNC-LH
Shank length L_s	48 mm
Shank $\varnothing D_s$	16 mm
No. of teeth Z	6
Threads per inch	9
Thread pitch	2.822 mm
Thread $\varnothing$	22.23 mm
Overall length L	110 mm
Full profile	yes
Flute length L_c	46.43 mm
Feed f_z in steel $< 750 \text{ N/mm}^2$	0.14
Thread size	7/8-9 UNC
Nominal $\varnothing D_c$	15.95 mm
Series	GARANT Master TM
Coating	TiAlN
Flank angle	60 degrees
Tool material	solid carbide
Shank	DIN 6535 HA with h6
Through-coolant	yes
Cutting direction	right-hand
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	Internal

Type of product

thread milling cutter