

Garant
GARANT Master TM plain shank thread mill 2×D, TiAlN, M: M8

Order data

| | |
|--------------|---------------|
| Order number | 139640 M8 |
| GTIN | 4045197957290 |
| 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: yes

No. of teeth Z: 4

Thread pitch: 1.25 mm

Nominal $\varnothing D_c$: 5.95 mm

maximum insertion depth L_1 : 16.88 mm

Shank length L_s : 36 mm

Overall length L: 64 mm

Shank $\varnothing D_s$: 6 mm

Technical description

| | |
|-----------------|-----|
| Through-coolant | yes |
|-----------------|-----|

| | |
|---------------------------------------------|---------------------------------------------|
| Thread pitch | 1.25 mm |
| maximum insertion depth L_1 | 16.88 mm |
| Feed f_z in steel < 750 N/mm ² | 0.06 mm |
| Number of clamping slots | 4 |
| Shank $\varnothing D_s$ | 6 mm |
| Shank length L_s | 36 mm |
| Thread depth | 16 mm |
| No. of teeth Z | 4 |
| Overall length L | 64 mm |
| Thread size | M8 |
| Nominal $\varnothing D_c$ | 5.95 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
