

Garant

Single tooth thread mill 2×D, TiAlN, M: M4



Order data

| | |
|--------------|---------------|
| Order number | 139610 M4 |
| GTIN | 4045197509710 |
| Item class | 11J |

Description

Version:

Corrected thread profile for milling **exact internal threads** (ensure stable clamping conditions). Very sturdy **single-tooth** thread mill, **highly suitable especially for GRP, CRP, and graphite**. Also suitable for **Ti-based and Ni-based alloys** and **hardened steels up to 63 HRC**.

Advantage:

Significantly less radial pressure than with multi-tooth thread mills.

Note:

Single-tooth thread mill **exclusively** for **milling internal threads**. **The tapping hole (and where necessary the countersinking) has to be prepared beforehand!**

Through-coolant: no

No. of teeth Z: 6

Thread pitch: 0.7 mm

Nominal $\varnothing D_c$: 3.2 mm

maximum insertion depth L_c : 8 mm

Shank length L_s : 28 mm

Overall length L: 40 mm

Shank $\varnothing D_s$: 5 mm

Technical description

| | |
|--|---------|
| Feed f_z in steel < 1400 N/mm ² | 0.02 mm |
| Number of clamping slots | 6 |
| No. of teeth Z | 6 |
| maximum insertion depth L_c | 8 mm |
| Thread pitch | 0.7 mm |

| | |
|----------------------------------|---|
| Shank $\varnothing D_s$ | 5 mm |
| Overall length L | 40 mm |
| Feed f_z in CRP | 0.04 mm |
| Shank length L_s | 28 mm |
| Through-coolant | no |
| Thread depth | 8 mm |
| Thread size | M4 |
| Nominal $\varnothing D_c$ | 3.2 mm |
| Coating | TiAlN |
| Thread type | M |
| Thread type | M-LH |
| Flank angle | 60 degrees |
| Tool material | Solid carbide |
| Thread standard | DIN 13 |
| Shank | DIN 6535 HA with h6 |
| Application for type of drilling | up to 2xD for blind holes and through holes |
| Shank tolerance | h6 |
| Colour ring | green |
| Internal/external application | Internal |
| Type of product | thread milling cutter |