

Garant
Drill thread milling cutter 2×D, TiAlN, M: M4

Order data

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|--------------|---------------|
| Order number | 139515 M4 |
| GTIN | 4045197081728 |
| Item class | 11J |

Description
Version:

Corrected thread profile for milling **exact internal threads** (be sure to provide stable clamping conditions).

Incorporating a countersink profile for a 90° countersink.

A stronger core diameter, two narrow geometrically optimised chip flutes and a special drill point result in good chip formation and low cutting pressure.

Advantage:

Drilling, countersinking and thread milling all with a single tool!

Thread pitch: 0.7 mm

Hole $\varnothing D_c$: 3.24 mm

Cutter length l_c : 8.9 mm

Shank length L_s : 36 mm

Overall length L: 49 mm

Shank $\varnothing D_s$: 6 mm

Technical description

| | |
|---|---------|
| Hole $\varnothing D_c$ | 3.24 mm |
| Width of groove e_1 | 0.7 mm |
| Feed f_z in cast aluminium | 0.03 mm |
| Programming value for countersink l_1 | 9.4 mm |
| Thread pitch | 0.7 mm |
| maximum countersink $\varnothing D_1$ | 4.3 mm |

| | |
|----------------------------------|---|
| Number of clamping slots | 2 |
| Shank $\varnothing D_s$ | 6 mm |
| Overall length L | 49 mm |
| Shank length L_s | 36 mm |
| Thread depth | 6 |
| Thread size | M4 |
| Cutter length l_c | 8.9 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 |
| Number of cutting edges Z | 2 |
| Through-coolant | yes |
| Application for type of drilling | up to 2xD for blind holes and through holes |
| Countersink angle | 90 degrees |
| Shank tolerance | h6 |
| Colour ring | without |
| Internal/external application | Internal |
| Type of product | thread milling cutter |