

**Garant**
**Plain shank thread mill 1.5×D, TiAlN, M: M4**

**Order data**

Order number	139652 M4
GTIN	4045197199638
Item class	11J

**Description**
**Version:**

**Corrected thread profile** for milling **exact internal threads** (ensure stable clamping conditions).

Incorporating a **countersink profile** for a 90° countersink.

**Advantage:**

**Countersinking and thread milling in one operation!**

Through-coolant: no

No. of teeth Z: 4

Thread pitch: 0.7 mm

Nominal  $\varnothing D_c$ : 3.14 mm

Shank length  $L_s$ : 36 mm

Overall length L: 47 mm

Shank  $\varnothing D_s$ : 6 mm

Neck  $\varnothing D_1$ : 4.5 mm

**Technical description**

No. of teeth Z	4
Feed $f_z$ in steel < 60 HRC	0.008 mm
Thread pitch	0.7 mm
Number of clamping slots	4
Shank $\varnothing D_s$	6 mm
Overall length L	47 mm

Shank length $L_s$	36 mm
Through-coolant	no
Thread depth	6 mm
Thread size	M4
Nominal $\varnothing D_c$	3.14 mm
Programming value for countersink $L_1$	6.5 mm
Neck $\varnothing D_1$	4.5 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 with h6
Application for type of drilling	up to 1.5xD for blind holes and through holes
Countersink angle	90 degrees
Shank tolerance	h6
Colour ring	red
Internal/external application	Internal
Type of product	thread milling cutter