

Garant**Drill thread milling cutter 1.5×D, TiAlN, M: M5****Order data**

Order number	139511 M5
GTIN	4062406393120
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. A stronger core diameter, two narrow geometrically optimised chip flutes and a special drill point result in good chip formation and low cutting pressure. **Internal coolant feed.**

Advantage:

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

Thread pitch: 0.8 mm

Cutting edge Ø D_C: 4.1 mm

Cutter length l_c: 8.6 mm

Shank length L_s: 36 mm

Overall length L: 54 mm

Shank Ø D_s: 6 mm

Technical description

Thread depth	7.5
Thread pitch	0.8 mm
Overall length L	54 mm
Feed f _z in cast aluminium	0.04 mm
Shank Ø D _s	6 mm
Thread size	M5
Cutter length l _c	8.6 mm

Number of clamping slots	2
maximum countersink Ø D ₁	5.5 mm
Width of groove e ₁	0.8 mm
Shank length L _s	36 mm
Cutting edge Ø D _c	4.1 mm
Programming value for countersink L ₁	9.35 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
Number of cutting edges Z	2
Through-coolant	yes
Application for type of drilling	up to 1.5×D 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