

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

Order data

Order number	139510 M5
GTIN	4045197081674
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: 0.8 mm

Hole $\varnothing D_c$: 4.1 mm

Cutter length l_c : 8.5 mm

Shank length L_s : 36 mm

Overall length L : 53 mm

Shank $\varnothing D_s$: 6 mm

Technical description

Hole $\varnothing D_c$	4.1 mm
Number of clamping slots	2
maximum countersink $\varnothing D_1$	5.3 mm
Feed f_z in cast aluminium	0.04 mm
Width of groove e_1	0.8 mm
Thread pitch	0.8 mm

Programming value for countersink l_1	9.2 mm
Shank $\varnothing D_s$	6 mm
Overall length L	53 mm
Shank length L_s	36 mm
Thread depth	7.5
Thread size	M5
Cutter length l_c	8.5 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 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