

Garant
Drill thread milling cutter 1.5×D, TiAlN, M: M3

Order data

Order number	139511 M3
GTIN	4062406393243
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.

Advantage:

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

Thread pitch: 0.5 mm

Cutting edge $\varnothing D_c$: 2.45 mm

Cutter length l_c : 4.9 mm

Shank length L_s : 36 mm

Overall length L : 54 mm

Shank $\varnothing D_s$: 6 mm

Technical description

Shank $\varnothing D_s$	6 mm
Number of clamping slots	2
Thread pitch	0.5 mm
Overall length L	54 mm
Shank length L_s	36 mm
Width of groove e_1	0.5 mm
Feed f_z in cast aluminium	0.03 mm

maximum countersink $\varnothing D_1$	3.3 mm
Thread size	M3
Cutter length l_c	4.9 mm
Thread depth	3.66
Cutting edge $\varnothing D_c$	2.45 mm
Programming value for countersink L_1	5.36 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 1.5xD 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