

Garant
Drill thread milling cutter 1.5×D, TiAlN, M: M12

Order data

Order number	139511 M12
GTIN	4062406393168
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: 1.75 mm

Cutting edge $\varnothing D_c$: 9.74 mm

Cutter length l_c : 20.4 mm

Shank length L_s : 45 mm

Overall length L: 90 mm

Shank $\varnothing D_s$: 14 mm

Technical description

Width of groove e_1	1.75 mm
maximum countersink $\varnothing D_1$	12.3 mm
Overall length L	90 mm
Feed f_z in cast aluminium	0.08 mm
Number of clamping slots	2
Thread size	M12
Shank length L_s	45 mm

Thread pitch	1.75 mm
Cutter length l_c	20.4 mm
Shank $\varnothing D_s$	14 mm
Thread depth	14.61
Cutting edge $\varnothing D_c$	9.74 mm
Programming value for countersink L_1	22.26 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