

Garant
Drill thread milling cutter 2.5×D, TiAlN, M: M12

Order data

Order number	139516 M12
GTIN	4062406393236
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. **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 : 25.6 mm

Shank length L_s : 45 mm

Overall length L : 90 mm

Shank $\varnothing D_s$: 14 mm

Technical description

Thread depth	24.35
Thread size	M12
Width of groove e_1	1.75 mm
Feed f_z in cast aluminium	0.08 mm
Thread pitch	1.75 mm
maximum countersink $\varnothing D_1$	12.3 mm
Shank length L_s	45 mm
Overall length L	90 mm

Shank $\varnothing D_s$	14 mm
Cutter length l_c	25.6 mm
Number of clamping slots	2
Cutting edge $\varnothing D_c$	9.74 mm
Programming value for countersink L_1	27.46 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 2.5xD 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