

Garant
Drill thread milling cutter 1.5×D, TiAlN, M: M10

Order data

Order number	139511 M10
GTIN	4062406393151
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: 1.5 mm

Cutting edge $\varnothing D_c$: 8.08 mm

Cutter length l_c : 17.6 mm

Shank length L_s : 45 mm

Overall length L : 80 mm

Shank $\varnothing D_s$: 12 mm

Technical description

Cutter length l_c	17.6 mm
Thread pitch	1.5 mm
Feed f_z in cast aluminium	0.065 mm
maximum countersink $\varnothing D_1$	11 mm
Width of groove e_1	1.5 mm
Thread size	M10
Number of clamping slots	2

Shank length L_s	45 mm
Overall length L	80 mm
Shank $\varnothing D_s$	12 mm
Thread depth	15
Cutting edge $\varnothing D_c$	8.08 mm
Programming value for countersink L_1	19.18 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 $1.5 \times D$ 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