

Garant
Plain shank thread mill 1.5×D, TiAlN, M: M12

Order data

Order number	139652 M12
GTIN	4045197199683
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.

Advantage:

Countersinking and thread milling in one operation!

Through-coolant: no

No. of teeth Z: 5

Thread pitch: 1.75 mm

Nominal $\varnothing D_C$: 9.37 mm

Shank length L_s : 45 mm

Overall length L: 82 mm

Shank $\varnothing D_s$: 14 mm

Neck $\varnothing D_1$: 13.5 mm

Technical description

Number of clamping slots	5
No. of teeth Z	5
Feed f_z in steel < 60 HRC	0.018 mm
Thread pitch	1.75 mm
Shank $\varnothing D_s$	14 mm
Overall length L	82 mm

Shank length L_s	45 mm
Through-coolant	no
Thread depth	18 mm
Thread size	M12
Nominal $\varnothing D_c$	9.37 mm
Programming value for countersink L_1	19.7 mm
Neck $\varnothing D_1$	13.5 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
Application for type of drilling	up to 1.5xD for blind holes and through holes
Countersink angle	90 degrees
Shank tolerance	h6
Colour ring	red
Internal/external application	Internal
Type of product	thread milling cutter