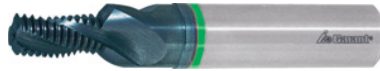




Plain shank thread mill 1.5×D, TiAlN, M: M12



Order data

Order number	139655 M12
GTIN	4045197082060
Item class	11J

Description

Version:

Corrected thread profile for milling **exact internal threads** (ensure stable clamping conditions).

Shaft incorporates a countersinking step for a 90° counterbore. **Internal coolant feed.**

Advantage:

Countersinking and thread milling in one operation!

Note:

NEW GENERATION AVAILABLE!

Recommended successor products are No. 139653 and 139654 (2×D).

Through-coolant: yes

No. of teeth Z: 3

Thread pitch: 1.75 mm

Hole $\varnothing d_1$: 9.37 mm

Shank length L_s : 45 mm

Overall length L_{tot} : 82 mm

Shank \varnothing : 14 mm

maximum countersink $\varnothing d_3$: 13.5 mm

Technical description

maximum countersink $\varnothing d_3$	13.5 mm
Feed f_z in steel < 1100 N/mm ²	0.055 mm
Thread pitch	1.75 mm
Number of clamping slots	3
Programming value for countersink l_1	19.7 mm

No. of teeth Z	3
Hole \varnothing d ₁	9.37 mm
Shank \varnothing	14 mm
Overall length L _{tot}	82 mm
Shank length L _s	45 mm
Through-coolant	yes
Hole \varnothing	9.37 mm
Full profile	yes
Thread depth	18 mm
Thread size	12
Coating	TiAlN
Thread type	M
Thread type	M-LH
Flank angle	60 degrees
Tool material	Solid carbide
Thread standard	DIN 13
Skaft	DIN 6535 HA with h6
Application for type of drilling	up to 1.5×D for blind holes and through holes
Countersink angle	90 degrees
Shank tolerance	h6
Colour ring	green