



Plain shank thread mill with countersinking step 2×D, TiAlN, UNF: 9/16-18



Order data

Order number	139726 9/16-18
GTIN	4045197366825
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!

Application:

For **UNF unified fine threads** ASME-B1.1.

Note:

NEW GENERATION AVAILABLE!

Recommended successor product is No. 139728.

Countersink angle: 90 degrees

Thread type: UNF

Thread type: UNF-LH

No. of teeth Z: 4

Threads per inch: 18

Hole \varnothing d_1 : 10.92 mm

Shank length L_s : 48 mm

Overall length L_{tot} : 102 mm

Shank \varnothing : 16 mm

maximum countersink \varnothing d_3 : 14.6 mm

Technical description

maximum countersink \varnothing d_3	14.6 mm
No. of teeth Z	4

Hole $\varnothing d_1$	10.92 mm
Number of clamping slots	4
Programming value for countersink l_1	30.3 mm
Thread pitch	1.411 mm
Feed f_z in steel < 1100 N/mm ²	0.06 mm
Threads per inch	18
Shank \varnothing	16 mm
Overall length L_{tot}	102 mm
Shank length L_s	48 mm
Hole \varnothing	10.92 mm
Full profile	yes
Thread depth	28.46 mm
Thread type	UNF
Thread type	UNF-LH
Thread size	9/16-18
Coating	TiAlN
Flank angle	60 degrees
Tool material	Solid carbide
Skaft	DIN 6535 HA with h6
Through-coolant	yes
Application for type of drilling	up to 2xD for blind holes and through holes
Countersink angle	90 degrees
Shank tolerance	h6
Colour ring	green
Internal/external application	Internal