



Plain shank thread mill with countersinking step 2×D, TiAlN, UNC: 3/8-16



Order data

Order number	139725 3/8-16
GTIN	4045197366726
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 **UNC unified coarse threads** ASME-B1.1.

Note:

NEW GENERATION AVAILABLE!

Recommended successor product is No. 139723.

Countersink angle: 90 degrees

Thread type: UNC

Thread type: UNC-LH

No. of teeth Z: 3

Threads per inch: 16

Hole \varnothing d₁: 7.34 mm

Shank length L_s: 45 mm

Overall length L_{tot}: 79 mm

Shank \varnothing : 12 mm

maximum countersink \varnothing d₃: 9.8 mm

Technical description

Hole \varnothing d ₁	7.34 mm
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Feed f_z in steel < 1100 N/mm ²	0.035 mm
maximum countersink $\varnothing d_3$	9.8 mm
Programming value for countersink l_1	20.9 mm
Thread pitch	1.587 mm
Threads per inch	16
No. of teeth Z	3
Number of clamping slots	3
Shank \varnothing	12 mm
Overall length L_{tot}	79 mm
Shank length L_s	45 mm
Hole \varnothing	7.34 mm
Full profile	yes
Thread depth	19.06 mm
Thread type	UNC
Thread type	UNC-LH
Thread size	3/8-16
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 2×D for blind holes and through holes
Countersink angle	90 degrees
Shank tolerance	h6
Colour ring	green
Internal/external application	Internal

