



Plain shank thread mill with countersinking step 2×D, TiAlN, UNF: 3/4-16



Order data

Order number	139726 3/4-16
GTIN	4045197366832
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: 16

Hole \varnothing d_1 : 16.7 mm

Shank length L_s : 50 mm

Overall length L_{tot} : 108 mm

Shank \varnothing : 20 mm

maximum countersink \varnothing d_3 : 19.3 mm

Technical description

Number of clamping slots	4
Threads per inch	16

Programming value for countersink l_1	40.1 mm
Feed f_z in steel < 1100 N/mm ²	0.08 mm
No. of teeth Z	4
Hole $\varnothing d_1$	16.7 mm
Thread pitch	1.587 mm
maximum countersink $\varnothing d_3$	19.3 mm
Shank \varnothing	20 mm
Overall length L_{tot}	108 mm
Shank length L_s	50 mm
Hole \varnothing	16.7 mm
Full profile	yes
Thread depth	38.1 mm
Thread type	UNF
Thread type	UNF-LH
Thread size	3/4-16
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 2xD for blind holes and through holes
Countersink angle	90 degrees
Shank tolerance	h6
Colour ring	green
Internal/external application	Internal