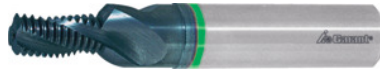




## Plain shank thread mill 1.5×D, TiAlN, M: M16



### Order data

Order number	139655 M16
GTIN	4045197082084
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: 4

Thread pitch: 2 mm

Hole  $\varnothing d_1$ : 12.82 mm

Shank length  $L_s$ : 48 mm

Overall length  $L_{tot}$ : 94 mm

Shank  $\varnothing$ : 18 mm

maximum countersink  $\varnothing d_3$ : 17.5 mm

### Technical description

Hole $\varnothing d_1$	12.82 mm
maximum countersink $\varnothing d_3$	17.5 mm
Thread pitch	2 mm
Feed $f_z$ in steel < 1100 N/mm <sup>2</sup>	0.065 mm
Programming value for countersink $l_1$	26.5 mm

Number of clamping slots	4
No. of teeth Z	4
Shank Ø	18 mm
Overall length L <sub>tot</sub>	94 mm
Shank length L <sub>s</sub>	48 mm
Through-coolant	yes
Hole Ø	12.82 mm
Full profile	yes
Thread depth	24 mm
Thread size	16
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