

**Garant**
**Machine tap HSS-E-PM, TiCN, M: M16**

**Order data**

Order number	132055 M16
GTIN	4045197648747
Item class	11H

**Description**
**Version:**
**Sturdy version.**
**Recommendation:**

For **very hard steels, TOOLOX** and **HARDOX materials** we recommend **deviating from the DIN data** (see table) by drilling the tapping hole  $\varnothing$  **0.05** to **0.3 mm** larger. For use only with a length compensation chuck – even on machines with synchronised spindle drives.

Thread type: M

Tool material: HSS E PM

Standard: DIN 376

Tolerance class: ISO 2X 6HX

Thread pitch: 2 mm

Overall length L: 110 mm

 Shank  $\varnothing$  D<sub>s</sub>: 12 mm

Shank square □: 9 mm

 Tapping hole  $\varnothing$ : 14 mm

**Technical description**

Number of clamping slots	3
Number of cutting edges Z	3
Thread pitch	2 mm
Tapping hole $\varnothing$	14 mm
Thread $\varnothing$	16 mm
Standard	DIN 376

Shank $\varnothing D_s$	12 mm
Overall length L	110 mm
Shank square $\square$	9 mm
Tolerance class	ISO 2X 6HX
Tool material	HSS E PM
Thread depth	24 mm
Thread type	M
Thread size	M16
Coating	TiCN
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	C
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 1.5xD for blind holes and through holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	red
Type of product	Tap