

Garant**Machine tap HSS-E-PM, Hard chrome, M: M16****Order data**

Order number	131120 M16
GTIN	4045197068637
Item class	11H

Description**Version:****Strong spiral point.****Callout:**

Oil groove

Guide thread

Lead-in

Spiral point

Application:**Hard chrome-plated surface** for reduced edge build-up and increased tool life.

Thread type: M

Tool material: HSS E PM

Standard: DIN 376

Tolerance class: ISO 2 6H

Thread pitch: 2 mm

Overall length L: 110 mm

Shank $\varnothing D_s$: 12 mmShank square \square : 9 mmTapping hole \varnothing : 14 mm**Technical description**

Thread pitch	2 mm
Tapping hole \varnothing	14 mm
Number of cutting edges Z	3
Thread \varnothing	16 mm

Number of clamping slots	3
Standard	DIN 376
Shank $\varnothing D_s$	12 mm
Overall length L	110 mm
Shank square \square	9 mm
Tolerance class	ISO 2 6H
Tool material	HSS E PM
Thread depth	48 mm
Thread type	M
Thread size	M16
Coating	Hard chrome
Flank angle	60°
Thread standard	DIN 13
Taper lead form	B
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for through holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	yellow
Type of product	Tap

User data

	Suitability	V_c	ISO code
Alu plastics	suitable	28 m/min	N
Aluminium (short chipping)	suitable	28 m/min	N
Alu > 10% Si	suitable only under restricted conditions	23 m/min	N

Steel < 500 N/mm ²	suitable only under restricted conditions	27 m/min	P
CuZn	suitable only under restricted conditions	28 m/min	N
Oil	suitable		
wet maximum	suitable		