

Garant
Machine tap 6G DIN 376, uncoated, M: M16

Order data

Order number	131350 M16
GTIN	4045197069702
Item class	11H

Description
Version:
With spiral point.
Tolerance class ISO 3 / 6G = oversize 0.02 – 0.04 mm.

All sizes: Shank to DIN 376 (= shank Ø relieved); thus suitable for greater operating depths.

Application:

For components which are **galvanised** after threading or shrink slightly when hardened.

Thread type: M

Tool material: HSS E

Standard: DIN 376

Tolerance class: ISO 3 6G

Thread pitch: 2 mm

Overall length L: 110 mm

Shank Ø D_s: 12 mm

Shank square □: 9 mm

Tapping hole Ø: 14 mm

Technical description

Thread Ø	16 mm
Number of cutting edges Z	3
Tapping hole Ø	14 mm
Thread pitch	2 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 3 6G
Tool material	HSS E
Thread depth	48 mm
Thread type	M
Thread size	M16
Coating	uncoated
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 conventional machining
Colour ring	without
Type of product	Tap

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	13 m/min	N
Steel < 500 N/mm ²	suitable	15 m/min	P
Steel < 750 N/mm ²	suitable	15 m/min	P
Oil	suitable		
wet maximum	suitable only under restricted conditions		

