

**Garant****Left-hand thread blind hole machine tap, uncoated, MF: M48X4****Order data**

Order number	130011 M48X4
GTIN	4062406017903
Item class	10N

**Description****Note:**

Delivery time: 35 calendar days

Minimum order quantity: 1 pc.

Special / custom-made product - return not possible

Thread type: MF-LH

Tool material: HSS E

Standard: DIN 376

Tolerance class: ISO 1 4H

Tolerance class: ISO 1X 4HX

Tolerance class: ISO 2 6H

Thread pitch: 4 mm

Overall length L: 250 mm

Shank  $\varnothing D_s$ : 36 mmShank square  $\square$ : 29 mmTapping hole  $\varnothing$ : 44 mm**Technical description**

Tool material	HSS E
Number of clamping slots	4
Standard	DIN 376
Tolerance class	ISO 1 4H
Tolerance class	ISO 1X 4HX
Tolerance class	ISO 2 6H

Tolerance class	ISO 2X 6HX
Tolerance class	6H +0.05
Tolerance class	6H +0.20
Tolerance class	ISO 3 6G
Tolerance class	ISO 3X 6GX
Tolerance class	7H
Tolerance class	7HX
Tolerance class	7G
Tolerance class	7GX
Tolerance class	6H +0.10
Tapping hole Ø	44 mm
Number of cutting edges Z	4
Shank square □	29 mm
Overall length L	250 mm
Shank Ø D <sub>s</sub>	36 mm
Thread Ø	48 mm
Thread pitch	4 mm
Thread depth	120 mm
Thread type	MF-LH
Thread size	M48×4
Coating	uncoated
Flank angle	60°
Thread standard	DIN 13
Taper lead form	C
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2×D for blind holes
Cutting direction	left-hand
Type of threading tool	Machine tap for conventional machining

Colour ring	without
Type of product	Tap