

**Garant****Through hole machine tap, uncoated, MF: M48X4****Order data**

Order number	130000 M48X4
GTIN	4045197000774
Item class	10N

**Description****Note:**

Delivery time: 35 calendar days  
Minimum order quantity: 1 pc.  
Special / custom-made product - return not possible  
Thread type: M  
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<sub>s</sub>: 36 mm  
Shank square  $\square$ : 29 mm  
Tapping hole  $\varnothing$ : 44 mm

**Technical description**

Thread $\varnothing$	48 mm
Standard	DIN 376
Tool material	HSS E
Number of clamping slots	4
Shank square $\square$	29 mm
Number of cutting edges Z	4

Thread pitch	4 mm
Tapping hole Ø	44 mm
Thread depth	144 mm
Shank Ø D <sub>s</sub>	36 mm
Overall length L	250 mm
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	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
Tolerance class	6H +0.20
Thread type	M
Thread size	M48×4
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