

Garant**Left-hand thread through hole machine tap, uncoated, MF: M48X3****Order data**

Order number	130001 M48X3
GTIN	4062406003548
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: 3 mm
Overall length L: 250 mm
Shank \varnothing D_s: 36 mm
Shank square □: 29 mm
Tapping hole \varnothing : 45 mm

Technical description

Thread depth	144 mm
Number of cutting edges Z	4
Standard	DIN 376
Thread \varnothing	48 mm
Tapping hole \varnothing	45 mm
Overall length L	250 mm

Shank $\varnothing D_s$	36 mm
Shank square \square	29 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
Number of clamping slots	4
Thread pitch	3 mm
Tool material	HSS E
Thread type	MF-LH
Thread size	M48x3
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 3xD for through holes
Cutting direction	left-hand
Type of threading tool	Machine tap for conventional machining

Colour ring	without
Type of product	Tap