

Garant**Spiral flute machine tap, TiN, MF: M48X4****Order data**

Order number	130015 M48X4
GTIN	4062406021498
Item class	10N

Description**Note:**

Delivery time: 49 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 $\varnothing D_s$: 36 mmShank square \square : 29 mmTapping hole \varnothing : 44 mm**Technical description**

Tool material	HSS E
Shank square \square	29 mm
Thread pitch	4 mm
Overall length L	250 mm
Thread depth	120 mm
Shank $\varnothing D_s$	36 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	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
Thread Ø	48 mm
Standard	DIN 376
Tapping hole Ø	44 mm
Number of cutting edges Z	4
Number of clamping slots	4
Thread type	M
Thread size	M48×4
Coating	TiN
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	right-hand
Type of threading tool	Machine tap for conventional machining

Colour ring	without
Type of product	Tap