

**Garant****Left-hand thread through hole machine tap, uncoated, MF: M45X4****Order data**

Order number	130001 M45X4
GTIN	4062406003425
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: 220 mm  
Shank  $\varnothing D_s$ : 36 mm  
Shank square  $\square$ : 29 mm  
Tapping hole  $\varnothing$ : 41 mm

**Technical description**

Thread $\varnothing$	45 mm
Number of clamping slots	4
Overall length L	220 mm
Shank $\varnothing D_s$	36 mm
Thread pitch	4 mm
Shank square $\square$	29 mm

Number of cutting edges Z	4
Tool material	HSS E
Thread depth	135 mm
Tapping hole Ø	41 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
Standard	DIN 376
Thread type	MF-LH
Thread size	M45×4
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	left-hand
Type of threading tool	Machine tap for conventional machining

Colour ring	without
Type of product	Tap