

Garant**Left-hand thread through hole machine tap, uncoated, MF: M19X1****Order data**

Order number	130001 M19X1
GTIN	4062406001490
Item class	10N

Description**Note:**

Delivery time: 35 calendar days
Minimum order quantity: 2 pcs.
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: 1 mm
Overall length L: 140 mm
Shank \varnothing D_s: 16 mm
Shank square \square : 12 mm
Tapping hole \varnothing : 18 mm

Technical description

Thread pitch	1 mm
Thread \varnothing	19 mm
Tapping hole \varnothing	18 mm
Number of clamping slots	3
Thread depth	57 mm
Standard	DIN 376

Tool material	HSS E
Number of cutting edges Z	3
Shank square □	12 mm
Overall length L	140 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
Shank $\varnothing D_s$	16 mm
Thread type	MF-LH
Thread size	M19×1
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