

**Garant**
**Left-hand thread through hole machine tap, TiN, MF: M31X1**

**Order data**

Order number	130006 M31X1
GTIN	4062406009595
Item class	10N

**Description**
**Note:**

Delivery time: 49 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: 1 mm  
 Overall length L: 180 mm  
 Shank  $\varnothing D_s$ : 25 mm  
 Shank square  $\square$ : 20 mm  
 Tapping hole  $\varnothing$ : 30 mm

**Technical description**

Shank $\varnothing D_s$	25 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 pitch	1 mm
Tool material	HSS E
Tapping hole Ø	30 mm
Overall length L	180 mm
Shank square □	20 mm
Number of cutting edges Z	4
Standard	DIN 376
Thread Ø	31 mm
Number of clamping slots	4
Thread depth	93 mm
Thread type	MF-LH
Thread size	M31×1
Coating	TiN
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