

**Garant****Left-hand thread blind hole machine tap, TiN, MF: M19X1****Order data**

Order number	130016 M19X1
GTIN	4062406023010
Item class	10N

**Description****Note:**

Delivery time: 49 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<sub>s</sub>: 16 mm  
Shank square  $\square$ : 12 mm  
Tapping hole  $\varnothing$ : 18 mm

**Technical description**

Shank square $\square$	12 mm
Number of cutting edges Z	3
Number of clamping slots	3
Standard	DIN 376
Tool material	HSS E
Thread pitch	1 mm

Thread Ø	19 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	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 depth	47.5 mm
Tapping hole Ø	18 mm
Shank Ø D <sub>s</sub>	16 mm
Thread type	MF-LH
Thread size	M19×1
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	left-hand
Type of threading tool	Machine tap for conventional machining

Colour ring	without
Type of product	Tap