

**Garant****Left-hand thread through hole machine tap, uncoated, MF: M21X1****Order data**

Order number	130001 M21X1
GTIN	4062406001667
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: 1 mm

Overall length L: 140 mm

Shank  $\varnothing D_s$ : 18 mmShank square  $\square$ : 14.5 mmTapping hole  $\varnothing$ : 20 mm**Technical description**

Shank $\varnothing D_s$	18 mm
Tapping hole $\varnothing$	20 mm
Thread pitch	1 mm
Shank square $\square$	14.5 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
Overall length L	140 mm
Thread Ø	21 mm
Number of clamping slots	3
Standard	DIN 376
Tool material	HSS E
Thread depth	63 mm
Number of cutting edges Z	3
Thread type	MF-LH
Thread size	M21×1
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