

**Garant****Left-hand thread through hole machine tap, uncoated, MF: M23X1****Order data**

Order number	130001 M23X1
GTIN	4062406001810
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: 160 mm  
Shank  $\varnothing$  D<sub>s</sub>: 18 mm  
Shank square  $\square$ : 14.5 mm  
Tapping hole  $\varnothing$ : 22 mm

**Technical description**

Tool material	HSS E
Number of cutting edges Z	3
Thread pitch	1 mm
Overall length L	160 mm
Shank square $\square$	14.5 mm
Number of clamping slots	3

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
Thread Ø	23 mm
Thread depth	69 mm
Shank Ø D <sub>s</sub>	18 mm
Standard	DIN 376
Tapping hole Ø	22 mm
Thread type	MF-LH
Thread size	M23×1
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