

**Garant****Left-hand thread through hole machine tap, uncoated, MF: M23X2****Order data**

Order number	130001 M23X2
GTIN	4062406001834
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: 2 mm  
Overall length L: 160 mm  
Shank  $\varnothing D_s$ : 18 mm  
Shank square  $\square$ : 14.5 mm  
Tapping hole  $\varnothing$ : 21 mm

**Technical description**

Tapping hole $\varnothing$	21 mm
Standard	DIN 376
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	160 mm
Thread pitch	2 mm
Thread Ø	23 mm
Number of cutting edges Z	3
Thread depth	69 mm
Shank square □	14.5 mm
Tool material	HSS E
Shank Ø D <sub>s</sub>	18 mm
Number of clamping slots	3
Thread type	MF-LH
Thread size	M23×2
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