

**Garant**
**Through hole machine tap, uncoated, MF: M6X1**

**Order data**

Order number	130000 M6X1
GTIN	4045197997876
Item class	10N

**Description**
**Note:**

Delivery time: 35 calendar days  
 Minimum order quantity: 3 pcs.  
 Special / custom-made product - return not possible  
 Thread type: M  
 Tool material: HSS E  
 Standard: DIN 371  
 Tolerance class: ISO 1 4H  
 Tolerance class: ISO 1X 4HX  
 Tolerance class: ISO 2 6H  
 Thread pitch: 1 mm  
 Overall length L: 80 mm  
 Shank  $\varnothing D_s$ : 6 mm  
 Shank square  $\square$ : 4.9 mm  
 Tapping hole  $\varnothing$ : 5 mm

**Technical description**

Number of cutting edges Z	3
Tool material	HSS E
Overall length L	80 mm
Shank $\varnothing D_s$	6 mm
Shank square $\square$	4.9 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
Thread Ø	6 mm
Standard	DIN 371
Thread depth	18 mm
Thread pitch	1 mm
Tapping hole Ø	5 mm
Number of clamping slots	3
Thread type	M
Thread size	M6×1
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	right-hand
Type of threading tool	Machine tap for conventional machining

Colour ring	without
Type of product	Tap