

**Garant**
**Spiral flute machine tap, uncoated, MF: M20X1**

**Order data**

Order number	130010 M20X1
GTIN	4062406012304
Item class	10N

**Description**
**Note:**

Delivery time: 35 calendar days  
 Minimum order quantity: 2 pcs.  
 Special / custom-made product - return not possible  
 Thread type: M/MF  
 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 □: 12 mm  
 Tapping hole  $\varnothing$ : 19 mm

**Technical description**

Thread $\varnothing$	20 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
Tapping hole $\varnothing$	19 mm
Number of cutting edges Z	3
Thread pitch	1 mm
Thread depth	40 mm
Overall length L	140 mm
Standard	DIN 376
Tool material	HSS E
Number of clamping slots	3
Shank $\varnothing D_s$	16 mm
Shank square $\square$	12 mm
Thread type	M/MF
Thread size	M20×1
Coating	uncoated
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	C
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2.5×D for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for conventional machining

Colour ring	without
Type of product	Tap