

**Garant****Left-hand thread through hole machine tap, uncoated, Type: 1/2-20****Order data**

Order number	130031 1/2-20
GTIN	4062406037123
Item class	10N

**Description****Note:**

Delivery time: 35 calendar days  
Minimum order quantity: 2 pcs.  
Special / custom-made product - return not possible  
Thread type: UNF-LH  
Tool material: HSS E  
Standard: DIN 376  
Threads per inch: 20  
Thread  $\varnothing$ : 12.7 mm  
Overall length L: 110 mm  
Shank  $\varnothing$  D<sub>s</sub>: 11 mm  
Shank square  $\square$ : 9 mm  
Tapping hole  $\varnothing$ : 11.5 mm

**Technical description**

Number of cutting edges Z	3
Thread depth	38.1 mm
Tapping hole $\varnothing$	11.5 mm
Tool material	HSS E
Number of clamping slots	3
Standard	DIN 376
Overall length L	110 mm

Shank $\varnothing D_s$	11 mm
Thread $\varnothing$	12.7 mm
Threads per inch	20
Shank square $\square$	9 mm
Thread pitch	1.27 mm
Thread type	UNF-LH
Thread size	1/2-20 UNF LH
Coating	uncoated
Flank angle	60°
Thread standard	ASME B1.1
Tolerance class	1B
Tolerance class	2B +0.20
Tolerance class	2B +0.10
Tolerance class	3B
Tolerance class	2B
Tolerance class	2B +0.05
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