

**Garant****Spiral flute machine tap, uncoated, MF: M13X1****Order data**

Order number	130010 M13X1
GTIN	4062406011741
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

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: 110 mm

Shank  $\varnothing D_s$ : 11 mm

Shank square  $\square$ : 9 mm

Tapping hole  $\varnothing$ : 12 mm

**Technical description**

Thread $\varnothing$	13 mm
Thread depth	32.5 mm
Number of clamping slots	3
Shank square $\square$	9 mm
Shank $\varnothing D_s$	11 mm
Thread pitch	1 mm

Number of cutting edges Z	3
Standard	DIN 376
Tapping hole Ø	12 mm
Overall length L	110 mm
Tool material	HSS E
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
Thread type	M
Thread size	M13×1
Coating	uncoated
Flank angle	60°
Thread standard	DIN 13
Taper lead form	C
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2×D for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for conventional machining

Colour ring	without
Type of product	Tap