

**Garant**
**Spiral flute machine tap, TiN, MF: M31X1**

**Order data**

Order number	130015 M31X1
GTIN	4062406020385
Item class	10N

**Description**
**Note:**

Delivery time: 49 calendar days

Minimum order quantity: 1 pc.

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: 180 mm

Shank  $\varnothing$  D<sub>s</sub>: 25 mm

Shank square  $\square$ : 20 mm

Tapping hole  $\varnothing$ : 30 mm

**Technical description**

Tool material	HSS E
Thread depth	77.5 mm
Number of cutting edges Z	4
Shank square $\square$	20 mm
Tapping hole $\varnothing$	30 mm
Number of clamping slots	4

Thread pitch	1 mm
Shank $\varnothing D_s$	25 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
Overall length L	180 mm
Thread $\varnothing$	31 mm
Standard	DIN 376
Thread type	M
Thread size	M31×1
Coating	TiN
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