

Garant**Spiral flute machine tap, uncoated, MF: M33X2****Order data**

Order number	130010 M33X2
GTIN	4062406013349
Item class	10N

Description**Note:**

Delivery time: 35 calendar days

Minimum order quantity: 1 pc.

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: 2 mm

Overall length L: 180 mm

Shank Ø D_s: 25 mm

Shank square □: 20 mm

Tapping hole Ø: 31 mm

Technical description

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 pitch	2 mm
Number of cutting edges Z	4
Number of clamping slots	4
Shank square □	20 mm
Standard	DIN 376
Thread Ø	33 mm
Thread depth	66 mm
Overall length L	180 mm
Shank Ø D _s	25 mm
Tapping hole Ø	31 mm
Thread type	M/MF
Thread size	M33×2
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