

**Garant****Left-hand thread blind hole machine tap, TiN, MF: M33X2****Order data**

Order number	130016 M33X2
GTIN	4062406024123
Item class	10N

**Description****Note:**

Delivery time: 49 calendar days  
Minimum order quantity: 1 pc.  
Special / custom-made product - return not possible  
Thread type: MF-LH  
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  $\varnothing D_s$ : 25 mm  
Shank square  $\square$ : 20 mm  
Tapping hole  $\varnothing$ : 31 mm

**Technical description**

Tapping hole $\varnothing$	31 mm
Thread pitch	2 mm
Tool material	HSS E
Shank $\varnothing D_s$	25 mm
Thread $\varnothing$	33 mm
Number of clamping slots	4

Standard	DIN 376
Thread depth	82.5 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
Number of cutting edges Z	4
Shank square □	20 mm
Thread type	MF-LH
Thread size	M33×2
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	left-hand
Type of threading tool	Machine tap for conventional machining

Colour ring	without
Type of product	Tap