

**Garant****Through hole machine tap, TiN, MF: M20X1****Order data**

Order number	130005 M20X1
GTIN	4062406005146
Item class	10N

**Description****Note:**

Delivery time: 49 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: 140 mm

Shank  $\varnothing$  D<sub>s</sub>: 16 mmShank square  $\square$ : 12 mmTapping hole  $\varnothing$ : 19 mm**Technical description**

Tool material	HSS E
Overall length L	140 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	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
Tolerance class	6H +0.20
Shank $\varnothing D_s$	16 mm
Standard	DIN 376
Thread pitch	1 mm
Number of cutting edges Z	3
Thread $\varnothing$	20 mm
Thread depth	60 mm
Number of clamping slots	3
Shank square $\square$	12 mm
Tapping hole $\varnothing$	19 mm
Thread type	M
Thread size	M20×1
Coating	TiN
Flank angle	60°
Thread standard	DIN 13
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	right-hand
Type of threading tool	Machine tap for conventional machining

Colour ring	without
Type of product	Tap