

**Garant****Machine tap for through holes and blind holes, uncoated, MF: M90X0,5****Order data**

Order number	130020 M90X0,5
GTIN	4062406026721
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

Tool material: HSS

Standard: DIN 2184

Tolerance class: ISO 1 4H

Tolerance class: ISO 1X 4HX

Tolerance class: ISO 2 6H

Thread pitch: 0.5 mm

Overall length L: 160 mm

Shank  $\varnothing D_s$ : 50 mmShank square  $\square$ : 39 mmTapping hole  $\varnothing$ : 89.5 mm**Technical description**

Tool material	HSS
Tapping hole $\varnothing$	89.5 mm
Number of cutting edges Z	10
Thread pitch	0.5 mm
Thread depth	135 mm
Standard	DIN 2184

Shank square □	39 mm
Thread Ø	90 mm
Shank Ø D <sub>s</sub>	50 mm
Number of clamping slots	10
Overall length L	160 mm
Tolerance class	ISO 1 4H
Tolerance class	ISO 1X 4HX
Tolerance class	ISO 2 6H
Tolerance class	ISO 2X 6HX
Tolerance class	6H +0.20
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 +0.05
Tolerance class	6H +0.10
Thread type	M
Thread size	M90×0.5
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 1.5×D for through holes
Application for type of drilling	up to 1.5×D for blind holes
Cutting direction	right-hand

Type of threading tool	Machine tap for conventional machining
Colour ring	without
Type of product	Tap