

**Garant**
**Machine tap for through holes and blind holes, uncoated, MF: M110X1**

**Order data**

Order number	130020 M110X1
GTIN	4062406027261
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

Standard: DIN 2184

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>: 56 mm

Shank square □: 44 mm

Tapping hole  $\varnothing$ : 109 mm

**Technical description**

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
Shank square □	44 mm
Standard	DIN 2184
Thread Ø	110 mm
Tool material	HSS
Thread pitch	1 mm
Number of cutting edges Z	12
Shank Ø D <sub>s</sub>	56 mm
Number of clamping slots	12
Thread depth	165 mm
Tapping hole Ø	109 mm
Thread type	M/MF
Thread size	M110×1
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 1.5×D for blind holes and through holes
Cutting direction	right-hand

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