

**Garant**
**Machine tap for through holes and blind holes, TiN, Type: 4.1/2-12**

**Order data**

Order number	130055 4.1/2-12
GTIN	4062406055417
Item class	10N

**Description**
**Note:**

Delivery time: 49 calendar days

Minimum order quantity: 1 pc.

Special / custom-made product - return not possible

Thread type: UN

Tool material: HSS

Threads per inch: 12

Thread Ø: 114.3 mm

Overall length L: 180 mm

Shank Ø D<sub>s</sub>: 56 mm

Shank square □: 44 mm

Tapping hole Ø: 112.3 mm

**Technical description**

Thread Ø	114.3 mm
Threads per inch	12
Tapping hole Ø	112.3 mm
Overall length L	180 mm
Shank square □	44 mm
Thread depth	171.45 mm
Number of clamping slots	12
Tool material	HSS

Thread pitch	2.11 mm
Number of cutting edges Z	12
Shank $\varnothing D_s$	56 mm
Thread type	UN
Thread size	4.1/2-12 UN
Coating	TiN
Flank angle	60°
Thread standard	ASME B1.1
Tolerance class	1B
Tolerance class	2B +0.20
Tolerance class	2B +0.10
Tolerance class	3B
Tolerance class	2B
Tolerance class	2B +0.05
Taper lead form	C
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 1.5xD 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