

**Garant****Blind hole machine tap, TiN, Type: 1/2-13****Order data**

Order number	130045 1/2-13
GTIN	4062406048365
Item class	10N

**Description****Note:**

Delivery time: 49 calendar days  
Minimum order quantity: 2 pcs.  
Special / custom-made product - return not possible  
Thread type: UNC  
Tool material: HSS E  
Standard: DIN 376  
Threads per inch: 13  
Thread  $\varnothing$ : 12.7 mm  
Overall length L: 110 mm  
Shank  $\varnothing$  D<sub>s</sub>: 11 mm  
Shank square  $\square$ : 9 mm  
Tapping hole  $\varnothing$ : 10.73 mm

**Technical description**

Thread depth	31.75 mm
Thread pitch	1.953 mm
Number of clamping slots	3
Number of cutting edges Z	3
Threads per inch	13
Thread $\varnothing$	12.7 mm
Shank square $\square$	9 mm

Tapping hole Ø	10.73 mm
Shank Ø D <sub>s</sub>	11 mm
Overall length L	110 mm
Standard	DIN 376
Tool material	HSS E
Thread type	UNC
Thread size	1/2-13 UNC
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 2×D for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for conventional machining
Colour ring	without
Type of product	Tap