

**Garant**
**Through hole machine tap, uncoated, MF: M28X3**

**Order data**

Order number	130000 M28X3
GTIN	4045197999481
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 E  
 Standard: DIN 376  
 Tolerance class: ISO 1 4H  
 Tolerance class: ISO 1X 4HX  
 Tolerance class: ISO 2 6H  
 Thread pitch: 3 mm  
 Overall length L: 140 mm  
 Shank  $\varnothing D_s$ : 20 mm  
 Shank square  $\square$ : 16 mm  
 Tapping hole  $\varnothing$ : 25 mm

**Technical description**

Number of clamping slots	4
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
Thread pitch	3 mm
Thread depth	56 mm
Number of cutting edges Z	4
Shank square □	16 mm
Overall length L	140 mm
Shank Ø D <sub>s</sub>	20 mm
Standard	DIN 376
Thread Ø	28 mm
Tapping hole Ø	25 mm
Tool material	HSS E
Thread type	M/MF
Thread size	M28×3
Coating	uncoated
Flank angle	60 degrees
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