

**Garant**
**Spiral flute machine tap, TiN, MF: M45X4,5**

**Order data**

Order number	130015 M45X4,5
GTIN	4062406021375
Item class	10N

**Description**
**Note:**

Delivery time: 49 calendar days

Minimum order quantity: 1 pc.

Special / custom-made product - return not possible

**Technical description**

Thread pitch	4.5 mm
Overall length L	220 mm
Shank square □	29 mm
Thread Ø	45 mm
Tool material	HSS E
Number of cutting edges Z	4
Number of clamping slots	4
Shank Ø D <sub>s</sub>	36 mm
Standard	DIN 376
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
Tapping hole Ø	40.5 mm
Thread depth	112.5 mm
Thread type	M
Thread size	M45×4.5
Coating	TiN
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 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