

Garant**Spiral flute machine tap, uncoated, MF: M22X1****Order data**

Order number	130010 M22X1
GTIN	4062406012458
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

Tool material: HSS E

Standard: DIN 376

Tolerance class: ISO 1 4H

Tolerance class: ISO 1X 4HX

Tolerance class: ISO 2 6H

Thread pitch: 1 mm

Overall length L: 140 mm

Shank $\varnothing D_s$: 18 mmShank square \square : 14.5 mmTapping hole \varnothing : 21 mm**Technical description**

Number of clamping slots	3
Shank $\varnothing D_s$	18 mm
Overall length L	140 mm
Tool material	HSS E
Tapping hole \varnothing	21 mm
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
Thread depth	55 mm
Shank square □	14.5 mm
Thread Ø	22 mm
Number of cutting edges Z	3
Thread pitch	1 mm
Standard	DIN 376
Thread type	M
Thread size	M22×1
Coating	uncoated
Flank angle	60°
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