

Garant
Spiral flute machine tap, uncoated, MF: M21X1

Order data

| | |
|--------------|---------------|
| Order number | 130010 M21X1 |
| GTIN | 4062406012397 |
| 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: 1 mm

Overall length L: 140 mm

Shank $\varnothing D_s$: 18 mm

Shank square \square : 14.5 mm

Tapping hole \varnothing : 20 mm

Technical description

| | |
|----------------------------|-------|
| Tool material | HSS E |
| Thread pitch | 1 mm |
| Tapping hole \varnothing | 20 mm |
| Thread \varnothing | 21 mm |
| Shank $\varnothing D_s$ | 18 mm |
| Thread depth | 42 mm |

| | |
|----------------------------------|--|
| Standard | DIN 376 |
| Overall length L | 140 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 |
| Number of cutting edges Z | 3 |
| Number of clamping slots | 3 |
| Shank square □ | 14.5 mm |
| Thread type | M/MF |
| Thread size | M21×1 |
| Coating | uncoated |
| 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 2.5×D for blind holes |
| Cutting direction | right-hand |
| Type of threading tool | Machine tap for conventional machining |

| | |
|-----------------|---------|
| Colour ring | without |
| Type of product | Tap |