

**Garant**
**Spiral flute machine tap, TiN, MF: M23X1,5**

**Order data**

|              |                |
|--------------|----------------|
| Order number | 130015 M23X1,5 |
| GTIN         | 4062406019747  |
| Item class   | 10N            |

**Description**
**Note:**

Delivery time: 49 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: 1.5 mm

Overall length L: 160 mm

Shank  $\varnothing$  D<sub>s</sub>: 18 mm

Shank square  $\square$ : 14.5 mm

Tapping hole  $\varnothing$ : 21.5 mm

**Technical description**

|                        |         |
|------------------------|---------|
| Standard               | DIN 376 |
| Thread $\varnothing$   | 23 mm   |
| Thread depth           | 46 mm   |
| Shank square $\square$ | 14.5 mm |
| Tool material          | HSS E   |
| Thread pitch           | 1.5 mm  |

|                                  |  |
|----------------------------------|--|
| Number of cutting edges Z        | 3                                      |
| Tapping hole Ø                   | 21.5 mm                                |
| Shank Ø D <sub>s</sub>           | 18 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 clamping slots         | 3                                      |
| Overall length L                 | 160 mm                                 |
| Thread type                      | M/MF                                   |
| Thread size                      | M23×1.5                                |
| 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 2.5×D for blind holes            |
| Cutting direction                | right-hand                             |
| Type of threading tool           | Machine tap for conventional machining |

Colour ring

without

Type of product

Tap