

**Garant****Left-hand thread through hole machine tap, TiN, MF: M19X1,5****Order data**

|              |                |
|--------------|----------------|
| Order number | 130006 M19X1,5 |
| GTIN         | 4062406008659  |
| Item class   | 10N            |

**Description****Note:**

Delivery time: 49 calendar days

Minimum order quantity: 2 pcs.

Special / custom-made product - return not possible

Thread type: M/MF-LH

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: 140 mm

Shank Ø D<sub>s</sub>: 16 mm

Shank square □: 12 mm

Tapping hole Ø: 17.5 mm

**Technical description**

|                  |            |
|------------------|------------|
| Thread Ø         | 19 mm      |
| Overall length L | 140 mm     |
| Tool material    | HSS E      |
| 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                                      |
| Tapping hole Ø                   | 17.5 mm                                |
| Number of cutting edges Z        | 3                                      |
| Shank square □                   | 12 mm                                  |
| Standard                         | DIN 376                                |
| Thread pitch                     | 1.5 mm                                 |
| Thread depth                     | 38 mm                                  |
| Shank Ø D <sub>s</sub>           | 16 mm                                  |
| Thread type                      | M/MF-LH                                |
| Thread size                      | M19×1.5                                |
| Coating                          | TiN                                    |
| 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                | left-hand                              |
| Type of threading tool           | Machine tap for conventional machining |

Colour ring

without

Type of product

Tap