

**Garant****Through hole machine tap, TiN, MF: M19X0,5****Order data**

|              |                |
|--------------|----------------|
| Order number | 130005 M19X0,5 |
| GTIN         | 4062406005047  |
| 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

Tool material: HSS E

Standard: DIN 376

Tolerance class: ISO 1 4H

Tolerance class: ISO 1X 4HX

Tolerance class: ISO 2 6H

Thread pitch: 0.5 mm

Overall length L: 140 mm

Shank Ø D<sub>s</sub>: 16 mm

Shank square □: 12 mm

Tapping hole Ø: 18.5 mm

**Technical description**

|                          |         |
|--------------------------|---------|
| Thread pitch             | 0.5 mm  |
| Thread depth             | 38 mm   |
| Tapping hole Ø           | 18.5 mm |
| Number of clamping slots | 3       |
| Shank square □           | 12 mm   |
| Thread Ø                 | 19 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                  | 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                               |
| Tolerance class                  | 6H +0.20                               |
| Number of cutting edges Z        | 3                                      |
| Standard                         | DIN 376                                |
| Overall length L                 | 140 mm                                 |
| Shank Ø D <sub>s</sub>           | 16 mm                                  |
| Tool material                    | HSS E                                  |
| Thread type                      | M/MF                                   |
| Thread size                      | M19×0.5                                |
| 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                | right-hand                             |
| Type of threading tool           | Machine tap for conventional machining |

Colour ring

without

Type of product

Tap