

**Garant**
**Left-hand thread blind hole machine tap, TiN, MF: M19X2**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 130016 M19X2  |
| GTIN         | 4062406023058 |
| Item class   | 10N           |

**Description**
**Note:**

Delivery time: 49 calendar days  
 Minimum order quantity: 2 pcs.  
 Special / custom-made product - return not possible  
 Thread type: 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: 2 mm  
 Overall length L: 140 mm  
 Shank  $\varnothing D_s$ : 16 mm  
 Shank square  $\square$ : 12 mm  
 Tapping hole  $\varnothing$ : 17 mm

**Technical description**

|                           |            |
|---------------------------|------------|
| Number of cutting edges Z | 3          |
| 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                               |
| Shank $\varnothing D_s$          | 16 mm                                  |
| Thread depth                     | 47.5 mm                                |
| Tool material                    | HSS E                                  |
| Thread pitch                     | 2 mm                                   |
| Overall length L                 | 140 mm                                 |
| Tapping hole $\varnothing$       | 17 mm                                  |
| Thread $\varnothing$             | 19 mm                                  |
| Standard                         | DIN 376                                |
| Number of clamping slots         | 3                                      |
| Shank square $\square$           | 12 mm                                  |
| Thread type                      | MF-LH                                  |
| Thread size                      | M19x2                                  |
| Coating                          | TiN                                    |
| 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 2xD for blind holes              |
| Cutting direction                | left-hand                              |
| Type of threading tool           | Machine tap for conventional machining |

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