

**Garant**
**Through hole machine tap, TiN, MF: M7X1**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 130005 M7X1   |
| GTIN         | 4062406004262 |
| Item class   | 10N           |

**Description**
**Note:**

Delivery time: 49 calendar days  
 Minimum order quantity: 3 pcs.  
 Special / custom-made product - return not possible  
 Thread type: M  
 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: 80 mm  
 Shank  $\varnothing D_s$ : 7 mm  
 Shank square  $\square$ : 5.5 mm  
 Tapping hole  $\varnothing$ : 6 mm

**Technical description**

|                 |            |
|-----------------|------------|
| Thread pitch    | 1 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                                      |
| Number of cutting edges Z        | 3                                      |
| Tapping hole Ø                   | 6 mm                                   |
| Overall length L                 | 80 mm                                  |
| Thread depth                     | 21 mm                                  |
| Tool material                    | HSS E                                  |
| Shank Ø D <sub>s</sub>           | 7 mm                                   |
| Standard                         | DIN 376                                |
| Shank square □                   | 5.5 mm                                 |
| Thread Ø                         | 7 mm                                   |
| Thread type                      | M                                      |
| Thread size                      | M7×1                                   |
| Coating                          | TiN                                    |
| Flank angle                      | 60°                                    |
| 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     |