

**Garant**
**Through hole machine tap, uncoated, MF: M1,8X0,2**

**Order data**

|              |                 |
|--------------|-----------------|
| Order number | 130000 M1,8X0,2 |
| GTIN         | 4045197997548   |
| Item class   | 10N             |

**Description**
**Note:**

Delivery time: 91 calendar days  
 Minimum order quantity: 25 pcs.  
 Special / custom-made product - return not possible  
 Thread type: M/MF  
 Tool material: HSS E  
 Standard: DIN 371  
 Tolerance class: ISO 1 4H  
 Tolerance class: ISO 1X 4HX  
 Tolerance class: ISO 2 6H  
 Thread pitch: 0.2 mm  
 Overall length L: 40 mm  
 Shank  $\varnothing D_s$ : 2.5 mm  
 Shank square  $\square$ : 2.1 mm  
 Tapping hole  $\varnothing$ : 1.6 mm

**Technical description**

|                         |            |
|-------------------------|------------|
| Shank $\varnothing D_s$ | 2.5 mm     |
| Thread $\varnothing$    | 1.8 mm     |
| Standard                | DIN 371    |
| 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 clamping slots         | 2                                      |
| Thread depth                     | 3.6 mm                                 |
| Tool material                    | HSS E                                  |
| Thread pitch                     | 0.2 mm                                 |
| Number of cutting edges Z        | 2                                      |
| Tapping hole Ø                   | 1.6 mm                                 |
| Overall length L                 | 40 mm                                  |
| Shank square □                   | 2.1 mm                                 |
| Thread type                      | M/MF                                   |
| Thread size                      | M1.8×0.2                               |
| Coating                          | uncoated                               |
| 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     |