

**Garant****Left-hand thread through hole and blind hole machine tap, TiN, MF: M90X2****Order data**

|              |               |
|--------------|---------------|
| Order number | 130026 M90X2  |
| GTIN         | 4062406033422 |
| Item class   | 10N           |

**Description****Note:**

Delivery time: 49 calendar days

Minimum order quantity: 1 pc.

Special / custom-made product - return not possible

Thread type: M/MF-LH

Tool material: HSS

Standard: DIN 2184

Tolerance class: ISO 1 4H

Tolerance class: ISO 1X 4HX

Tolerance class: ISO 2 6H

Thread pitch: 2 mm

Overall length L: 160 mm

Shank Ø D<sub>s</sub>: 50 mm

Shank square □: 39 mm

Tapping hole Ø: 88 mm

**Technical description**

|                           |            |
|---------------------------|------------|
| Shank Ø D <sub>s</sub>    | 50 mm      |
| Number of cutting edges Z | 10         |
| Tolerance class           | ISO 1 4H   |
| Tolerance class           | ISO 1X 4HX |
| Tolerance class           | ISO 2 6H   |
| Tolerance class           | ISO 2X 6HX |

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| 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 +0.05                                      |
| Tolerance class                  | 6H +0.10                                      |
| Standard                         | DIN 2184                                      |
| Overall length L                 | 160 mm                                        |
| Tapping hole Ø                   | 88 mm                                         |
| Thread Ø                         | 90 mm                                         |
| Thread pitch                     | 2 mm                                          |
| Tool material                    | HSS                                           |
| Number of clamping slots         | 10                                            |
| Thread depth                     | 135 mm                                        |
| Shank square □                   | 39 mm                                         |
| Thread type                      | M/MF-LH                                       |
| Thread size                      | M90×2                                         |
| Coating                          | TiN                                           |
| Flank angle                      | 60 degrees                                    |
| Thread standard                  | DIN 13                                        |
| Taper lead form                  | C                                             |
| Shank                            | Plain shank with h9                           |
| Through-coolant                  | no                                            |
| Application for type of drilling | up to 1.5×D for blind holes and through holes |
| Cutting direction                | left-hand                                     |

|                        |                                           |
|------------------------|-------------------------------------------|
| Type of threading tool | Machine tap for<br>conventional machining |
| Colour ring            | without                                   |
| Type of product        | Tap                                       |