

**Garant**
**Machine tap for through holes and blind holes, uncoated, MF: M82X4**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 130020 M82X4  |
| GTIN         | 4062406026561 |
| Item class   | 10N           |

**Description**
**Note:**

Delivery time: 35 calendar days

Minimum order quantity: 1 pc.

Special / custom-made product - return not possible

Thread type: M

Tool material: HSS

Standard: DIN 2184

Tolerance class: ISO 1 4H

Tolerance class: ISO 1X 4HX

Tolerance class: ISO 2 6H

Thread pitch: 4 mm

Overall length L: 160 mm

Shank  $\varnothing D_s$ : 50 mm

Shank square  $\square$ : 39 mm

Tapping hole  $\varnothing$ : 78 mm

**Technical description**

|                         |            |
|-------------------------|------------|
| Shank $\varnothing D_s$ | 50 mm      |
| Shank square $\square$  | 39 mm      |
| Tolerance class         | ISO 1 4H   |
| Tolerance class         | ISO 1X 4HX |
| Tolerance class         | ISO 2 6H   |
| Tolerance class         | ISO 2X 6HX |

|                                  |                               |
|----------------------------------|-------------------------------|
| Tolerance class                  | 6H +0.20                      |
| 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                      |
| Thread depth                     | 123 mm                        |
| Tool material                    | HSS                           |
| Thread Ø                         | 82 mm                         |
| Overall length L                 | 160 mm                        |
| Thread pitch                     | 4 mm                          |
| Number of clamping slots         | 8                             |
| Standard                         | DIN 2184                      |
| Tapping hole Ø                   | 78 mm                         |
| Number of cutting edges Z        | 8                             |
| Thread type                      | M                             |
| Thread size                      | M82×4                         |
| Coating                          | uncoated                      |
| 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 1.5×D for through holes |
| Application for type of drilling | up to 1.5×D for blind holes   |
| Cutting direction                | right-hand                    |

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