

**Garant****Left-hand thread blind hole machine tap, uncoated, MF: M48X5****Order data**

|              |               |
|--------------|---------------|
| Order number | 130011 M48X5  |
| GTIN         | 4062406017910 |
| 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-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: 5 mm

Overall length L: 250 mm

Shank  $\varnothing D_s$ : 36 mmShank square  $\square$ : 29 mmTapping hole  $\varnothing$ : 43 mm**Technical description**

|                          |            |
|--------------------------|------------|
| Number of clamping slots | 4          |
| Shank $\varnothing D_s$  | 36 mm      |
| Tool material            | HSS E      |
| 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                               |
| Thread depth                     | 120 mm                                 |
| Number of cutting edges Z        | 4                                      |
| Thread $\varnothing$             | 48 mm                                  |
| Overall length L                 | 250 mm                                 |
| Shank square $\square$           | 29 mm                                  |
| Thread pitch                     | 5 mm                                   |
| Tapping hole $\varnothing$       | 43 mm                                  |
| Standard                         | DIN 376                                |
| Thread type                      | M-LH                                   |
| Thread size                      | M48x5                                  |
| 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 2xD for blind holes              |
| Cutting direction                | left-hand                              |
| Type of threading tool           | Machine tap for conventional machining |

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