

**Garant**
**Spiral flute machine tap, TiN, MF: M45X2**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 130015 M45X2  |
| GTIN         | 4062406021344 |
| 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

Tool material: HSS E

Standard: DIN 376

Tolerance class: ISO 1 4H

Tolerance class: ISO 1X 4HX

Tolerance class: ISO 2 6H

Thread pitch: 2 mm

Overall length L: 220 mm

Shank  $\varnothing$  D<sub>s</sub>: 36 mm

Shank square □: 29 mm

Tapping hole  $\varnothing$ : 43 mm

**Technical description**

|                            |            |
|----------------------------|------------|
| Tapping hole $\varnothing$ | 43 mm      |
| Thread pitch               | 2 mm       |
| Number of cutting edges Z  | 4          |
| 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                               |
| Overall length L                 | 220 mm                                 |
| Shank square □                   | 29 mm                                  |
| Number of clamping slots         | 4                                      |
| Tool material                    | HSS E                                  |
| Standard                         | DIN 376                                |
| Shank $\varnothing D_s$          | 36 mm                                  |
| Thread depth                     | 112.5 mm                               |
| Thread $\varnothing$             | 45 mm                                  |
| Thread type                      | M                                      |
| Thread size                      | M45x2                                  |
| Coating                          | TiN                                    |
| 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                | right-hand                             |
| Type of threading tool           | Machine tap for conventional machining |

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