



## Hand tap set, uncoated, MF: 12X1



### Order data

|              |               |
|--------------|---------------|
| Order number | 130480 12X1   |
| GTIN         | 4045197067524 |
| Item class   | 12G           |

### Description

#### Version:

2-piece set **comprising taper and plug tap**. Thread ground with radial thread relief.

Thread type: MF

Tool material: HSS

Standard: DIN 2181

Tolerance class: ISO 2 6H

Thread pitch: 1 mm

Overall length L: 70 mm

Shank Ø D<sub>s</sub>: 9 mm

Shank square □: 7 mm

Tapping hole Ø: 11 mm

### Technical description

|                        |          |
|------------------------|----------|
| Tapping hole Ø         | 11 mm    |
| Thread pitch           | 1 mm     |
| Thread Ø               | 12 mm    |
| Shank Ø D <sub>s</sub> | 9 mm     |
| Overall length L       | 70 mm    |
| Shank square □         | 7 mm     |
| Tolerance class        | ISO 2 6H |

|                                  |                             |
|----------------------------------|-----------------------------|
| Tool material                    | HSS                         |
| Standard                         | DIN 2181                    |
| Thread depth                     | 24 mm                       |
| Thread type                      | MF                          |
| Thread size                      | M12×1                       |
| Coating                          | uncoated                    |
| Flank angle                      | 60 °                        |
| Thread standard                  | DIN 13                      |
| Taper lead form                  | C                           |
| Taper lead form                  | D                           |
| Shank                            | Plain shank with h9         |
| Through-coolant                  | no                          |
| Application for type of drilling | up to 3×D for blind holes   |
| Application for type of drilling | up to 3×D for through holes |
| Cutting direction                | right-hand                  |
| Type of threading tool           | Hand tap                    |
| Colour ring                      | without                     |
| Type of product                  | Tap                         |

## User data

|                               | Suitability                               | V <sub>c</sub> | ISO code |
|-------------------------------|-------------------------------------------|----------------|----------|
| Alu plastics                  | suitable only under restricted conditions |                |          |
| Aluminium (short chipping)    | suitable only under restricted conditions |                |          |
| Alu > 10% Si                  | suitable only under restricted conditions |                |          |
| Steel < 500 N/mm <sup>2</sup> | suitable                                  |                |          |
| Steel < 750 N/mm <sup>2</sup> | suitable                                  |                |          |
| Steel < 900 N/mm <sup>2</sup> | suitable                                  |                |          |

|       |                                              |
|-------|----------------------------------------------|
| GG(G) | suitable only under<br>restricted conditions |
| Uni   | Suitable                                     |
| Oil   | suitable                                     |
| dry   | suitable only under<br>restricted conditions |