

**Garant**
**Machine tap HSS-E-PM Form CS, uncoated, M: M12**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 131290 M12    |
| GTIN         | 4045197069542 |
| Item class   | 11H           |

**Description**
**Version:**
**With spiral point.**

 (Form CS) 2 – -3 turns chamfer lead – **with spiral point.**
**Advantage:**

Greater wear resistance.

Thread type: M

Tool material: HSS E PM

Standard: DIN 376

Tolerance class: ISO 2 6H

Thread pitch: 1.75 mm

Overall length L: 110 mm

 Shank  $\varnothing D_s$ : 9 mm

 Shank square  $\square$ : 7 mm

 Tapping hole  $\varnothing$ : 10.2 mm

**Technical description**

|                            |         |
|----------------------------|---------|
| Thread $\varnothing$       | 12 mm   |
| Number of cutting edges Z  | 3       |
| Tapping hole $\varnothing$ | 10.2 mm |
| Number of clamping slots   | 3       |
| Thread pitch               | 1.75 mm |
| Standard                   | DIN 376 |
| Shank $\varnothing D_s$    | 9 mm    |

|                                  |  |
|----------------------------------|--|
| Overall length L                 | 110 mm                                 |
| Shank square □                   | 7 mm                                   |
| Tolerance class                  | ISO 2 6H                               |
| Tool material                    | HSS E PM                               |
| Thread depth                     | 36 mm                                  |
| Thread type                      | M                                      |
| Thread size                      | M12                                    |
| Coating                          | uncoated                               |
| Flank angle                      | 60 degrees                             |
| Thread standard                  | DIN 13                                 |
| Taper lead form                  | CS                                     |
| Shank                            | Plain shank with h9                    |
| Through-coolant                  | no                                     |
| Application for type of drilling | up to 3×D for through holes            |
| Cutting direction                | right-hand                             |
| Type of threading tool           | Machine tap for conventional machining |
| Colour ring                      | without                                |
| Type of product                  | Tap                                    |