



## Machine tap HSS-E 6H, TiN, M× pitch: 12X1,5



### Order data

|              |               |
|--------------|---------------|
| Order number | 137150 12X1,5 |
| GTIN         | 4045197079695 |
| Item class   | 11H           |

### Description

#### Version:

High surface hardness. For use with **emulsion** (fat content minimum 8%).

#### Note:

**NEW GENERATION AVAILABLE!**

**Recommended successor product is No. 137160.**

Thread type: MF

Tool material: HSS E

Norm: DIN 374

Tolerance class: ISO 2 6H

Thread pitch: 1.5 mm

Overall length  $L_{tot}$ : 100 mm

Shank  $\varnothing$ : 9 mm

Shank square: 7 mm

Tapping hole  $\varnothing$ : 10.5 mm

### Technical description

|                            |            |
|----------------------------|------------|
| Thread pitch               | 1.5 mm     |
| Taper lead angle           | 50 degrees |
| Number of cutting edges Z  | 3          |
| Tapping hole $\varnothing$ | 10.5 mm    |
| Thread $\varnothing$       | 12 mm      |
| Number of clamping slots   | 3          |
| Shank $\varnothing$        | 9 mm       |

|                                  |                                   |
|----------------------------------|-----------------------------------|
| Overall length $L_{tot}$         | 100 mm                            |
| Shank square                     | 7 mm                              |
| Tolerance class                  | ISO 2 6H                          |
| Tool material                    | HSS E                             |
| Norm                             | DIN 374                           |
| Thread depth                     | 24 mm                             |
| Thread type                      | MF                                |
| Thread size                      | 12×1.5                            |
| Coating                          | TiN                               |
| Flank angle                      | 60 degrees                        |
| Thread standard                  | DIN 13                            |
| Taper lead form                  | C                                 |
| Helix angle                      | 40 degrees                        |
| Skaft                            | Plain shank with h9               |
| Through-coolant                  | no                                |
| Application for type of drilling | up to 3×D for blind holes         |
| Cutting direction                | right-hand                        |
| Type of threading tool           | Machine tap for dynamic machining |
| Colour ring                      | green                             |