

**Garant****Value pack GARANT Vap Tap machine tap HSS-E Form C, 5 pieces****Order data**

|              |               |
|--------------|---------------|
| Order number | GG1358 M8     |
| GTIN         | 4069515046442 |
| Item class   | GGN           |

**Description****Version:**

**GARANT Vap Tap general-purpose tap.** Can be used **reliably** in a **wide range of materials**. Optimised **neck and flute length** for **improved chip evacuation** when working on **deep** threads. High-performance **HSS-E tool material** with higher **vanadium content** for improved **wear resistance**. **Surface vaporised** for reduced edge build-up.

**Same as number: 135805.**

**Note:**

Up to ≤ M16: contents 5 pcs. per set.

From ≥ M18: contents 3 pcs. per set.

**Technical description**

|                                       |        |
|---------------------------------------|--------|
| Shank square <input type="checkbox"/> | 6.2 mm |
| Contents                              | 5      |
| Number of clamping slots              | 3      |
| Shank Ø D <sub>s</sub>                | 8 mm   |
| Thread type                           | M      |
| Thread Ø                              | 8 mm   |

## Data sheet

|                                  |                                   |
|----------------------------------|-----------------------------------|
| Thread depth                     | 24 mm                             |
| Tapping hole Ø                   | 6.8 mm                            |
| Number of cutting edges Z        | 3                                 |
| Tool material                    | HSS E                             |
| Standard                         | DIN 371                           |
| Thread pitch                     | 1.25 mm                           |
| Tolerance class                  | ISO 2 6H                          |
| Overall length L                 | 90 mm                             |
| Thread size                      | M8                                |
| Coating                          | vaporised                         |
| Flank angle                      | 60 degrees                        |
| Thread standard                  | DIN 13                            |
| Taper lead form                  | C                                 |
| Helix angle                      | 40 degrees                        |
| Shank                            | 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                             |
| Series                           | Vap Tap                           |
| Type of product                  | Taps                              |

## User data

|                               | Suitability | V <sub>c</sub> | ISO code |
|-------------------------------|-------------|----------------|----------|
| Alu plastics                  | suitable    | 18 m/min       | N        |
| Aluminium (short chipping)    | suitable    | 13 m/min       | N        |
| Steel < 500 N/mm <sup>2</sup> | suitable    | 18 m/min       | P        |

Data sheet

|                                |  |          |   |
|--------------------------------|--|----------|---|
| Steel < 750 N/mm <sup>2</sup>  | suitable                                     | 15 m/min | P |
| Steel < 900 N/mm <sup>2</sup>  | suitable                                     | 15 m/min | P |
| Steel < 1100 N/mm <sup>2</sup> | suitable                                     | 6 m/min  | P |
| INOX < 900 N/mm <sup>2</sup>   | suitable                                     | 6 m/min  | M |
| CuZn                           | suitable only under<br>restricted conditions | 15 m/min | N |
| Uni                            | suitable                                     |          |   |
| Oil                            | suitable                                     |          |   |
| wet maximum                    | suitable                                     |          |   |

**Suitable products**

No Shop URL available for: GG1358 M8