

## Series 241



### Tool holder Designation

Product series • 241-10 M 150408 -VS -A • State of development  
Shank size 10 x 10 mm • Solid shank  
Modular • Design for knurling wheels  
15 x 4 x 8 (Ø x width x bore)

### Knurling profiles on DIN 82 workpiece:

#### Feed knurling



RGE30° RGE45°

### Selection of knurling wheels:

2 x AA 1 x BL15° / 1 x BR15°

### Product features:

- Modular design: Tool can be used as right-hand and left-hand version. Retooling by simply turning the cut knurling head
- Conversion to alternative full shank dimensions is possible
- Modular shank design: Shank size 10 x 10 mm optionally adaptable
- Fine adjustment of centre height of the cut knurling head
- Fine adjustment of the clearance angle by means of synchronous adjustment spindle
- Coated carbide bearing bushes for improved antifrictional property
- Vertical height adjustment for use of shank size 20 mm on 25 mm (version 241-20M250608-A1)

### TOOL VERSIONS:

| Order no. | Tool holder Designation | Working area Ø [mm] | Dimension [mm] |    |     |      |    |    | Knurling wheels (Ø x w x b) [mm] |
|-----------|-------------------------|---------------------|----------------|----|-----|------|----|----|----------------------------------|
|           |                         |                     | a              | b  | c   | d    | e  | f  |                                  |
| 31001926  | 241-10M150408-VS-A      | 3-50                | 10             | 10 | 116 | 36.7 | 36 | 31 | 15 x 4 x 8                       |
| 31001901  | 241-12M150408-VS-A      | 3-50                | 12             | 12 | 116 | 37.7 | 36 | 31 | 15 x 4 x 8                       |
| 31001945  | 241-16M150408-VS-A      | 3-50                | 16             | 16 | 116 | 39.7 | 36 | 31 | 15 x 4 x 8                       |

Other variants available on request

| Order no. | Tool holder Designation | Working area Ø [mm] | Dimension [mm] |    |       |      |      |      | Knurling wheels (Ø x w x b) [mm] |
|-----------|-------------------------|---------------------|----------------|----|-------|------|------|------|----------------------------------|
|           |                         |                     | a              | b  | c     | d    | e    | f    |                                  |
| 31000804  | 241-20M150408-A         | 3-50                | 20             | 20 | 116   | 44.7 | 36   | 35.6 | 15 x 4 x 8                       |
| 31000666  | 241-20M250608-A1        | 10-250              | 20             | 20 | 133.3 | 68   | 53.3 | 53   | 25 x 6 x 8                       |
| 31001899  | 241-25M250608-A1        | 10-250              | 25             | 20 | 133.3 | 68   | 53.3 | 53   | 25 x 6 x 8                       |

### ADAPTER BRACKET FOR BASE SHANK 10 x 10 mm:

| Order no. | Shank size [mm] |
|-----------|-----------------|
| 21BHR1653 | 12 x 12         |
| 21BHR1654 | 16 x 16         |

