



## Shielding clamps without base

### FEATURES

- Suitable for a cable diameter range from 1,5 to 30 mm
- Ideal adherence to cable shielding
- **Increased wing length for easier cable insertion**
- Constant pressure on the cable braid without having to run tests and checks
- High vibration resistance



The MSS2 shielding clamps enable the cable shield to be grounded easily and effectively. The MSS2 shielding clamps can be fixed with screws or rivets.

**Material:** spring steel, zinc plated

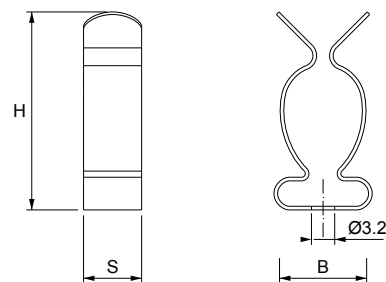
### RELATED PRODUCTS

- MB DIN rail bases (page 152)

| Model             | Code       | Clamping range (mm) | Dimensions (mm) |      |    | Pcs (/pack) |
|-------------------|------------|---------------------|-----------------|------|----|-------------|
|                   |            |                     | B               | H    | S  |             |
| <b>MSS2 1.5-3</b> | 1734010210 | 1,5 - 3             | 11              | 13,5 | 8  | 50          |
| <b>MSS2 3-6</b>   | 1734010220 | 3 - 6               | 11              | 16   | 8  | 50          |
| <b>MSS2 7-9</b>   | 1734010230 | 7 - 9               | 11              | 18,5 | 8  | 50          |
| <b>MSS2 9-12</b>  | 1734010240 | 9 - 12              | 12              | 22   | 8  | 50          |
| <b>MSS2 11-17</b> | 1734010250 | 11 - 17             | 13,5            | 27   | 8  | 50          |
| <b>MSS2 18-22</b> | 1734010260 | 18 - 22             | 22              | 36,5 | 8  | 50          |
| <b>MSS2 22-30</b> | 1734010270 | 22 - 30             | 22              | 43   | 12 | 50          |



### Dimensions (mm)





### FEATURES

- Suitable for a wide range of cable diameter from 30 to 74 mm
- Ideal adherence to cable shielding
- Possibility to mount the springs easily, no need to use tools
- Constant pressure on the cable braid without having to run tests and checks
- High vibration resistance, maintenance free



The MSS shielding clamps enable the cable shield to be grounded easily and effectively. The MSS shielding clamps can be fixed with screws or rivets.

**Material:** spring steel, zinc plated

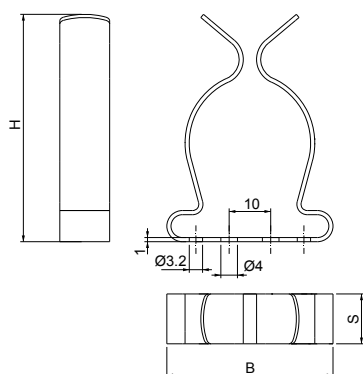
### RELATED PRODUCTS

- MB DIN rail bases (page 152)

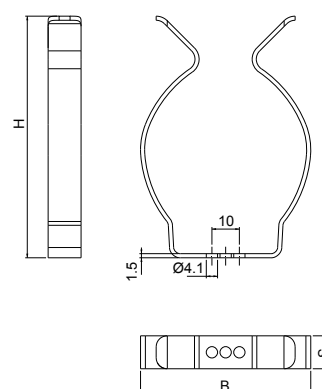
| Model     | Code       | Clamping range (mm) | Dimensions (mm) |      |    | Pcs (/pack) |
|-----------|------------|---------------------|-----------------|------|----|-------------|
|           |            |                     | B               | H    | S  |             |
| MSS 30-37 | 1734010080 | 30 - 37             | 40              | 55   | 12 | 10          |
| MSS 38-48 | 1734010090 | 38 - 48             | 40              | 64   | 12 |             |
| MSS 50-60 | 1734010095 | 50 - 60             | 50              | 74,5 | 12 |             |
| MSS 62-74 | 1734010100 | 62 - 74             | 62              | 88   | 12 |             |

### Dimensions (mm)

MSS 30-37 / MSS 38/48



MSS 50-60 / MSS 62-74





## Shielding clamps without base

### FEATURES

- Suitable for a cable diameter range from 1,5 to 11 mm
- Side by side mounting possible
- Ideal contact to cable shielding
- Easy cable insertion
- One-hand cable insertion
- High vibration resistance

The MSS3 shielding clamps enable the cable shield to be grounded easily and effectively. Thanks to the particular design, they allow an easy cable insertion by leveraging on the longer side. They also guarantee maximum space saving and they allow side-by-side mounting even with one hand only.

**Material:** spring steel, zinc plated

### RELATED PRODUCTS

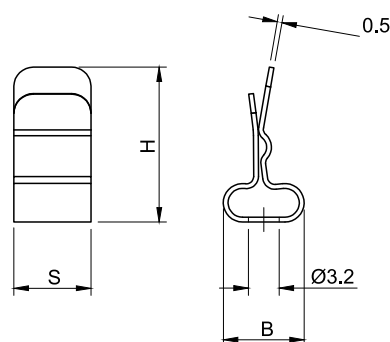
- MB DIN rail bases (page 152)



| Model      | Code       | Clamping range (mm) | Dimensions (mm) |      |   | Pcs (/pack) |
|------------|------------|---------------------|-----------------|------|---|-------------|
|            |            |                     | B               | H    | S |             |
| MSS3 1,5-3 | 1734010280 | 1,5 - 3             | 8,4             | 16,1 | 8 | 50          |
| MSS3 3-7   | 1734010281 | 3 - 7               | 8,4             | 21,9 | 8 |             |
| MSS3 6-10  | 1734010285 | 6 - 10              | 8,5             | 24,7 | 8 |             |
| MSS3 3-11  | 1734010290 | 3 - 11              | 13              | 19,8 | 8 |             |



### Dimensions (mm)





### FEATURES

- Suitable for a cable diameter range from 3 to 19 mm
- Snap-in assembly, no need to use tools
- Ideal adherence to cable shielding
- Constant pressure on the cable braid without having to run tests and checks
- High vibration resistance, maintenance free

The MSL shield clamps enable the cable shield to be grounded easily and effectively. The MSL shielding clamps can be fixed with screws or rivets.

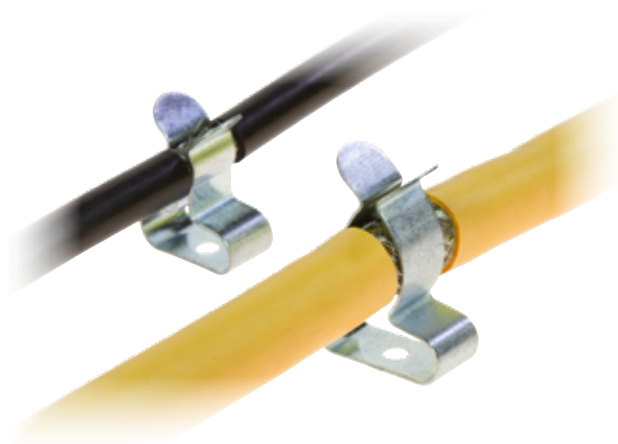
**Material:** spring steel, zinc plated

### RELATED PRODUCTS

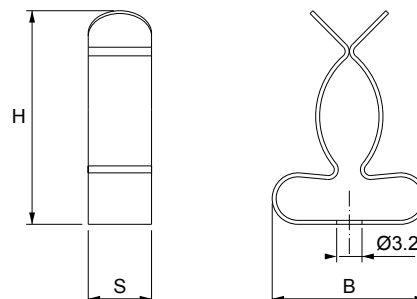
- MB DIN rail bases (page 152)



| Model        | Code       | Clamping range (mm) | Dimensions (mm) |      |   | Pcs (/pack) |
|--------------|------------|---------------------|-----------------|------|---|-------------|
|              |            |                     | B               | H    | S |             |
| MSL 3-9      | 1734010310 | 3 - 9               | 16,5            | 20,6 | 8 | 50          |
| NEW MSL 3-12 | 1734010330 | 3 - 12              | 16              | 15,9 | 8 |             |
| MSL 10-19    | 1734010320 | 10 - 19             | 19,5            | 27   | 8 |             |



### Dimensions (mm)





## Screw fixing shielding clamps

### FEATURES

- Suitable for a cable diameter range from 1,5 to 12 mm
- Particularly indicated in small places
- Screw fixing hole M4
- Constant pressure on the cable braid

The MSM and MSML shielding clamps enable the cable shield to be grounded easily and effectively. The shielding clamp can be fixed with a M4 screw or rivet.

**Material:** spring steel, zinc plated



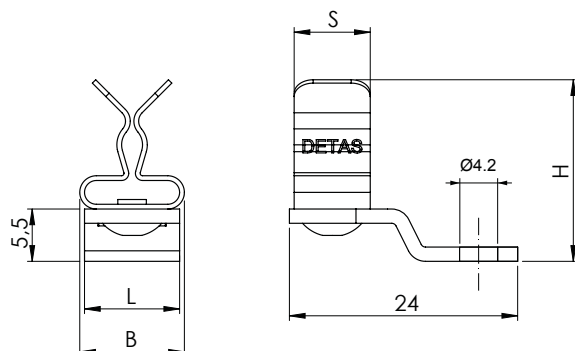
| Model     | Code       | Clamping range (mm) | Dimensions (mm) |      |      |    | Pcs (/pack) |
|-----------|------------|---------------------|-----------------|------|------|----|-------------|
|           |            |                     | L               | B    | H    | S  |             |
| MSM 1.5-3 | 1734030110 | 1,5 - 3             | 10              | 11   | 19   | 11 | 50          |
| MSM 3-6   | 1734030120 | 3 - 6               | 10              | 11   | 21,5 | 11 |             |
| MSM 7-9   | 1734030130 | 7 - 9               | 10              | 11   | 24   | 11 |             |
| MSM 9-12  | 1734030140 | 9 - 12              | 10              | 12   | 27,5 | 12 |             |
| MSML 3-9  | 1734030180 | 3 - 9               | 10              | 16,5 | 22   | 8  |             |



4



### Dimensions (mm)





### FEATURES

NEW

- Suitable for a cable diameter range from 1,5 to 22 mm
- Shield grounding and strain relief in the same device
- Screw fixing hole M4\*
- Very compact design
- One-hand cable insertion for some models

The MSAS shielding clamps enable the cable shield to be grounded easily and effectively. They secure the strain relief function with one or two cable ties. The shielding clamp can be fixed with a M4 screw.

**Material:** spring steel, zinc plated

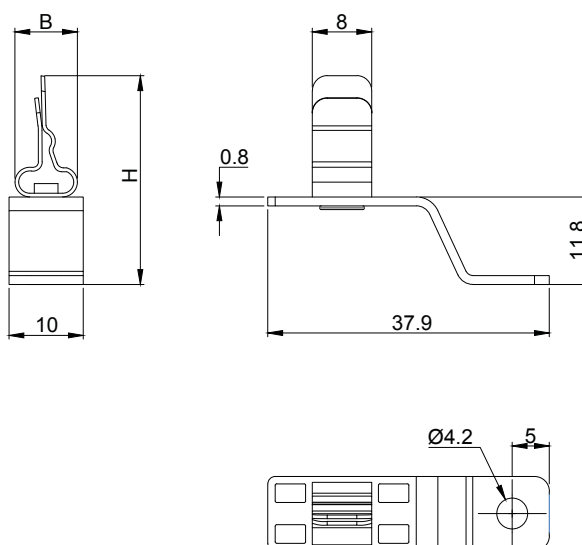
\*Other fixing holes on request



| Model      | Code       | Clamping range (mm) | Dimensions (mm) |      | Pcs (/pack) |
|------------|------------|---------------------|-----------------|------|-------------|
|            |            |                     | B               | H    |             |
| MSAS 1.5-3 | 1734029800 | 1,5 - 3             | 8,4             | 28,1 | 50          |
| MSAS 3-6   | 1734029810 | 3 - 6               | 11              | 27,9 |             |
| MSAS 6-10  | 1734029820 | 6 - 10              | 8,6             | 36,6 |             |
| MSAS 9-12  | 1734029830 | 9 - 12              | 12              | 33,5 |             |
| MSAS 11-17 | 1734029840 | 11 - 17             | 14              | 39,1 |             |
| MSAS 18-22 | 1734029850 | 18 - 22             | 22              | 48,3 |             |



### Dimensions (mm)





## Screw fixing shielding clamps

### FEATURES

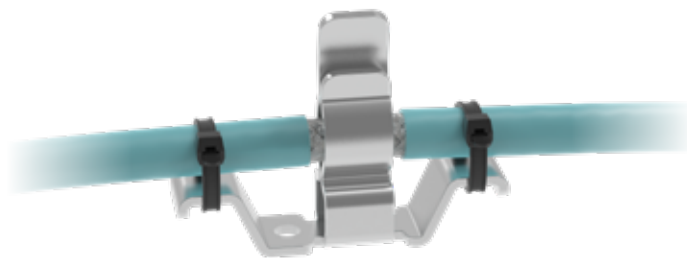
**NEW**

- Suitable for a cable diameter range from 3 to 20 mm
- Shield grounding and strain relief in the same device
- Very compact size, side-by-side mounting
- Screw fixing hole M4\*
- Strain relief with 2 cable ties
- Cost-effective solution
- One-handed cable insertion

MSAD series shielding clamps are an innovative solution to ground cable shields. They are manufactured from a single mold and thus avoiding to use rivets. This feature brings to significant cost savings and increased clamp's lifespan. Another important advantage is the width of the shielding clamp, which allows side-by-side mounting with considerable space savings. In addition, the clamp, once riveted, remains aligned with the panel base and thus allows much faster insertion of the cable, which can be done with only one hand.

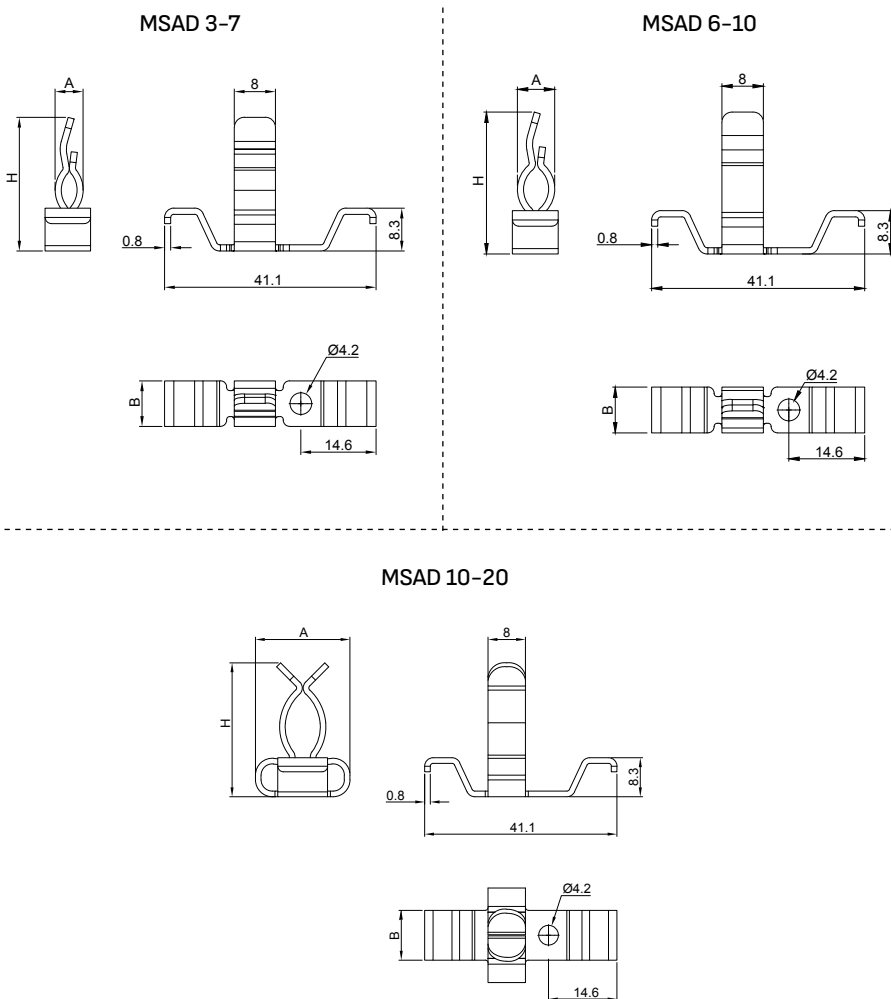
**Material:** spring steel, zinc plated

\*Other fixing holes on request



| Model      | Code       | Clamping range (mm) | Dimensions (mm) |      |      | Pcs (/pack) |
|------------|------------|---------------------|-----------------|------|------|-------------|
|            |            |                     | A               | B    | H    |             |
| MSAD 3-7   | 1734030193 | 3 - 7               | 5,4             | 8,9  | 26   | 50          |
| MSAD 6-10  | 1734030195 | 6 - 10              | 7,2             | 8,9  | 27,4 |             |
| MSAD 10-20 | 1734030200 | 10 - 20             | 20,2            | 10,7 | 28,6 |             |

### Dimensions (mm)





### FEATURES

- Suitable for a wide range of cable diameter from 1,5 to 30 mm
- Shield grounding and strain relief in the same device
- Double cable tie
- Snap-in assembly, no need to use tools
- Constant pressure on the cable braid without having to run tests and checks
- Screw fixing hole M4\*

The MSA shielding clamps enable the cable shield to be grounded easily and effectively. They secure additional strain relief with two cable ties. The shielding clamp can be fixed with a M4 screw.

The strain relief function complies with EN 62444 standard.

**Material:** spring steel, zinc plated

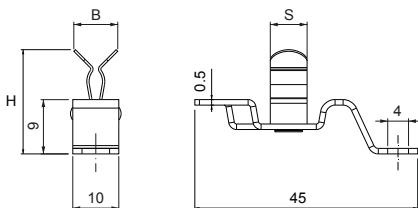
\*Other fixing holes on request



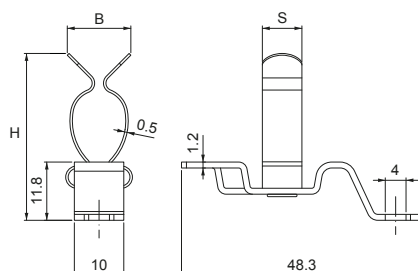
| Model      | Code       | Clamping range (mm) | Thickness (mm) | Dimensions (mm) |      |    | Pcs x conf. |
|------------|------------|---------------------|----------------|-----------------|------|----|-------------|
|            |            |                     |                | B               | H    | S  |             |
| MSA 1.5-3  | 1734030010 | 1,5 - 3             | 0,5            | 11              | 17   | 8  | 50          |
| MSA 3-6    | 1734030020 | 3 - 6               | 0,5            | 11              | 20   | 8  |             |
| MSA 7-9    | 1734030030 | 7 - 9               | 1,2            | 11              | 25   | 8  |             |
| MSA 9-12   | 1734030040 | 9 - 12              | 1,2            | 13,5            | 34   | 8  |             |
| MSA 11-17  | 1734030050 | 11 - 17             | 1,2            | 12              | 31   | 8  |             |
| MSA 18-22  | 1734030060 | 18 - 22             | 1,2            | 22              | 43   | 8  |             |
| MSA 22-30  | 1734030070 | 22 - 30             | 1,2            | 22,5            | 50   | 12 |             |
| MSAL 3-9   | 1734030080 | 3 - 9               | 1,2            | 16,5            | 27   | 8  |             |
| MSAL 10-19 | 1734030090 | 10 - 19             | 1,2            | 19,5            | 30,5 | 8  |             |

### Dimensions (mm)

Thickness 0.5 version



Thickness 1,2 version



Product not available in Germany





## Screw fixing shielding clamps

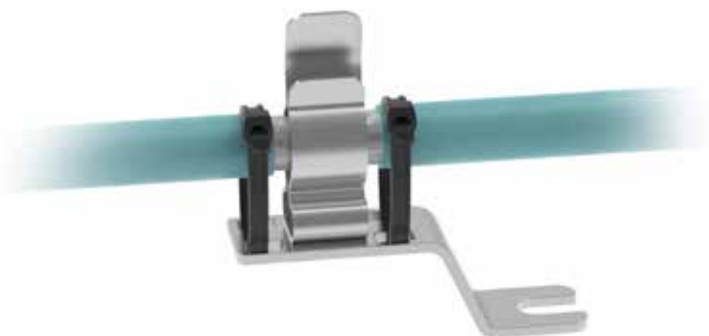
### FEATURES

**NEW**

- Suitable for a cable diameter range from 1,5 to 22 mm
- Shield grounding and strain relief functions with a single device
- Double cable tie
- Snap-in assembly, no need to use tools
- Very compact design

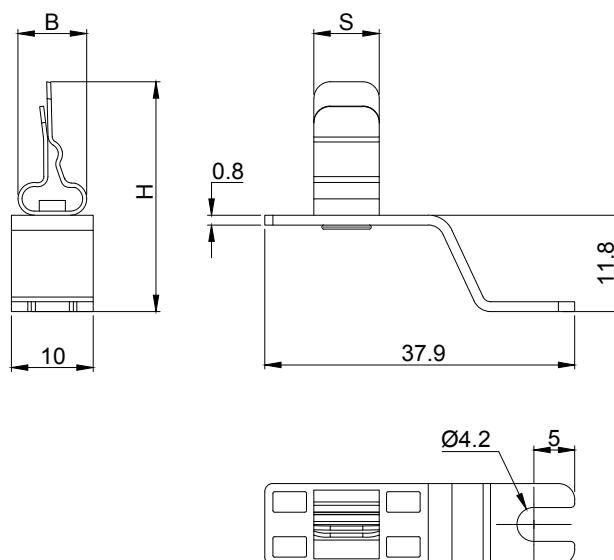
The MSES shielding clamps enable the cable shield to be grounded easily and effectively. They secure the strain relief function with one or two cable ties. The shielding clamp can be fixed with a M4 screw.

**Material:** spring steel, zinc plated



| Model      | Code       | Clamping range (mm) | Dimensions (mm) |      | Pcs (/pack) |
|------------|------------|---------------------|-----------------|------|-------------|
|            |            |                     | B               | H    |             |
| MSES 1.5-3 | 1734050100 | 1,5 - 3             | 8,4             | 28,1 | 50          |
| MSES 3-6   | 1734050105 | 3 - 6               | 11              | 27,9 |             |
| MSES 6-10  | 1734050110 | 6 - 10              | 8,6             | 36,6 |             |
| MSES 11-17 | 1734050120 | 11 - 17             | 14              | 39,1 |             |
| MSES 18-22 | 1734050125 | 18 - 22             | 22              | 48,3 |             |

### Dimensions (mm)





# MSE

## Screw fixing shielding clamps

### FEATURES

- Suitable for a cable diameter range from 1,5 to 30 mm
- Shield grounding and strain relief functions with a single device
- Double cable tie
- Snap-in assembly, no need to use tools
- Constant pressure on the cable braid without having to run tests and checks

The MSE shielding clamps enable the cable shield to be grounded easily and effectively. They secure additional strain relief with two cable ties. The shielding clamp can be fixed with a M4 screw.

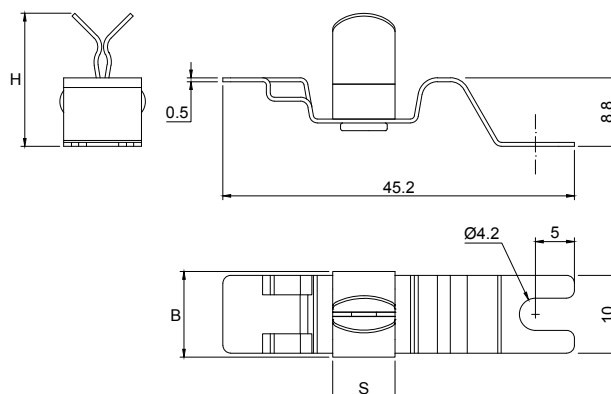
**Material:** spring steel, zinc plated



| Model             | Code       | Clamping range (mm) | Dimensions (mm) |      |    | Pcs (/pack) |
|-------------------|------------|---------------------|-----------------|------|----|-------------|
|                   |            |                     | B               | H    | S  |             |
| <b>MSE 1.5-3</b>  | 1734050010 | 1,5 - 3             | 11              | 17,1 | 8  | 50          |
| <b>MSE 3-6</b>    | 1734050020 | 3 - 6               | 11              | 19,7 | 8  |             |
| <b>MSE 7-9</b>    | 1734050030 | 7 - 9               | 11              | 22   | 8  |             |
| <b>MSE 9-12</b>   | 1734050040 | 9 - 12              | 12              | 25,2 | 8  |             |
| <b>MSE 11-17</b>  | 1734050050 | 11 - 17             | 13,5            | 30,8 | 8  |             |
| <b>MSE 18-22</b>  | 1734050060 | 18-22               | 22              | 40   | 8  |             |
| <b>MSE 22-30</b>  | 1734050070 | 22-30               | 22,5            | 46,9 | 12 |             |
| <b>MSEL 3-12</b>  | 1734050080 | 3 - 12              | 16,5            | 19,2 | 8  | 50          |
| <b>MSEL 10-19</b> | 1734050090 | 10 - 19             | 19,5            | 30,5 | 8  |             |

Product not available in Germany

### Dimensions (mm)





## Screw fixing shielding clamps

### FEATURES

**NEW**

- Suitable for a cable diameter range from 3 to 12 mm
- Shield grounding and strain relief functions with a single device
- Double cable tie
- Snap-in assembly, no need to use tools
- Constant pressure on the cable braid without having to run tests and checks



The MSEA shielding clamps enable the cable shield to be grounded easily and effectively. They secure additional strain relief with one or two cable ties. The shielding clamp can be fixed with a M4 screw.

**Material:** spring steel, zinc plated

| Model      | Code       | Clamping range (mm) | Dimensions (mm) |    | Pcs (/pack) |
|------------|------------|---------------------|-----------------|----|-------------|
|            |            |                     | B               | H  |             |
| MSEA 3-6   | 1734050130 | 3 - 6               | 11              | 28 | 50          |
| MSEA 7-9   | 1734050135 | 7 - 9               | 11              | 31 |             |
| MSEA 9-12  | 1734050140 | 9 - 12              | 12              | 34 |             |
| MSEAL 3-12 | 1734050150 | 3 - 12              | 12              | 28 |             |

Product not available in Germany



### Dimensions (mm)

