

## Silicone Endstop Buffers • truncated cone form

EH 25151.



### Product Description

Because of the high material purity, this version is suitable for all types of application which have demanding hygienic requirements (e.g. foodstuffs industry).

To be used as an elastic end-stop, bearing foot etc.

Endstop buffers made from silicone rubber have a wider temperature range for use than rubber endstop buffers.

The hardness is 55 ±5° shore A. Further shore hardnesses (40 ±5° shore A and 70 ±5° shore A) on request.

### Material

#### Support washer

- Stainless steel 1.4301

#### Threaded bushing

- Stainless steel 1.4301

#### Body

- Silicone rubber

#### Screw

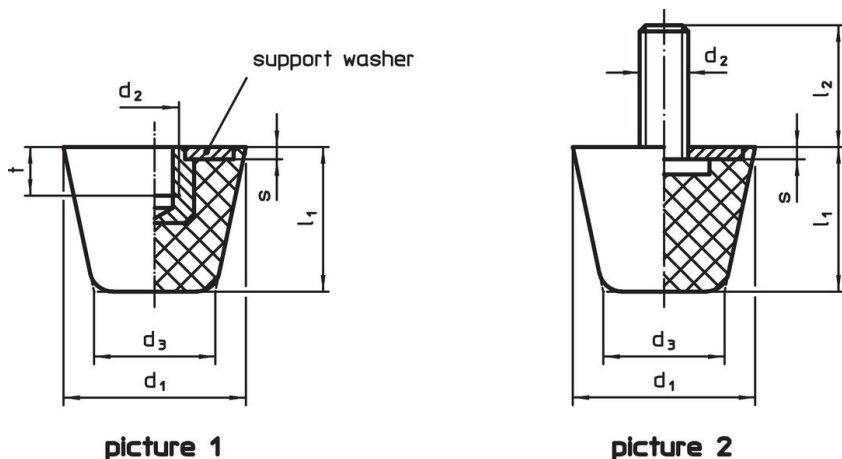
- Stainless steel 1.4301

### More information

#### Further products

- Rubber Endstop Buffers, truncated cone form

### Drawing





picture 1

picture 2

### Order information

| Dimensions                            |                |                |                |                |   |    | Spring rate R<br>~<br>[N/mm] | Load capacity<br>max.<br>[N] | Spring range<br>~<br>[mm] | Temperature range |      | Weight<br>[g] | Art. No.   |
|---------------------------------------|----------------|----------------|----------------|----------------|---|----|------------------------------|------------------------------|---------------------------|-------------------|------|---------------|------------|
| d <sub>1</sub>                        | d <sub>2</sub> | l <sub>2</sub> | d <sub>3</sub> | l <sub>1</sub> | s | t  |                              |                              |                           | min.              | max. |               |            |
| <b>with female thread – picture 1</b> |                |                |                |                |   |    |                              |                              |                           |                   |      |               |            |
| 19                                    | M 5            | –              | 12.0           | 16.0           | 2 | 5  | 63                           | 250                          | 4.0                       | -30               | 200  | 6.1           | 25151.0019 |
| 25                                    | M 6            | –              | 16.5           | 20.5           | 2 | 6  | 90                           | 460                          | 5.1                       | -30               | 200  | 13.0          | 25151.0025 |
| 32                                    | M 8            | –              | 21.0           | 26.0           | 2 | 8  | 117                          | 760                          | 6.5                       | -30               | 200  | 23.0          | 25151.0032 |
| 38                                    | M 8            | –              | 24.5           | 32.0           | 2 | 8  | 113                          | 900                          | 8.0                       | -30               | 200  | 38.0          | 25151.0038 |
| 50                                    | M10            | –              | 32.0           | 43.0           | 2 | 10 | 148                          | 1580                         | 10.7                      | -30               | 200  | 94.0          | 25151.0050 |
| <b>with screw – picture 2</b>         |                |                |                |                |   |    |                              |                              |                           |                   |      |               |            |
| 19                                    | M 5            | 6              | 12.0           | 16.0           | 2 | –  | 63                           | 250                          | 4.0                       | -30               | 200  | 7.5           | 25151.0119 |
| 19                                    | M 5            | 10             | 12.0           | 16.0           | 2 | –  | 63                           | 250                          | 4.0                       | -30               | 200  | 8.0           | 25151.0120 |
| 19                                    | M 5            | 20             | 12.0           | 16.0           | 2 | –  | 63                           | 250                          | 4.0                       | -30               | 200  | 9.2           | 25151.0121 |
| 25                                    | M 6            | 8              | 16.5           | 20.5           | 2 | –  | 90                           | 460                          | 5.1                       | -30               | 200  | 16.0          | 25151.0125 |
| 25                                    | M 6            | 12             | 16.5           | 20.5           | 2 | –  | 90                           | 460                          | 5.1                       | -30               | 200  | 17.0          | 25151.0126 |
| 25                                    | M 6            | 25             | 16.5           | 20.5           | 2 | –  | 90                           | 460                          | 5.1                       | -30               | 200  | 19.0          | 25151.0127 |
| 32                                    | M 8            | 10             | 21.0           | 26.0           | 2 | –  | 117                          | 760                          | 6.5                       | -30               | 200  | 30.0          | 25151.0132 |
| 32                                    | M 8            | 16             | 21.0           | 26.0           | 2 | –  | 117                          | 760                          | 6.5                       | -30               | 200  | 32.0          | 25151.0133 |
| 32                                    | M 8            | 30             | 21.0           | 26.0           | 2 | –  | 117                          | 760                          | 6.5                       | -30               | 200  | 36.0          | 25151.0134 |
| 38                                    | M 8            | 10             | 24.5           | 32.0           | 2 | –  | 113                          | 900                          | 8.0                       | -30               | 200  | 44.0          | 25151.0138 |

| d <sub>1</sub> | d <sub>2</sub> | Dimensions     |                        |                |   |   | Spring rate R<br>~<br>[N/mm] | Load capacity<br>max.<br>[N] | Spring range<br>~<br>[mm] | <br>min.   max.<br>[°C] |     | <br>[g] | Art. No.                   |
|----------------|----------------|----------------|------------------------|----------------|---|---|------------------------------|------------------------------|---------------------------|--|-----|--|----------------------------|
|                |                | l <sub>2</sub> | d <sub>3</sub><br>[mm] | l <sub>1</sub> | s | t |                              |                              |                           |  |     |  |                            |
| 38             | M 8            | 16             | 24.5                   | 32.0           | 2 | - | 113                          | 900                          | 8.0                       | -30  | 200 | 46.0   | <a href="#">25151.0139</a> |
| 38             | M 8            | 30             | 24.5                   | 32.0           | 2 | - | 113                          | 900                          | 8.0                       | -30  | 200 | 50.0   | <a href="#">25151.0140</a> |
| 50             | M10            | 12             | 32.0                   | 43.0           | 2 | - | 148                          | 1580                         | 10.7                      | -30  | 200 | 95.0   | <a href="#">25151.0150</a> |
| 50             | M10            | 20             | 32.0                   | 43.0           | 2 | - | 148                          | 1580                         | 10.7                      | -30  | 200 | 99.0   | <a href="#">25151.0151</a> |
| 50             | M10            | 40             | 32.0                   | 43.0           | 2 | - | 148                          | 1580                         | 10.7                      | -30  | 200 | 108.0  | <a href="#">25151.0152</a> |

## Compliance

### RoHS compliant

Compliant according to Directive 2011/65/EU and Directive 2015/863.

### Does not contain SVHC substances

No SVHC substances with more than 0.1% w/w contained - SVHC list [REACH] as of 27.06.2024.

### Does not contain Proposition 65 substances

No Proposition 65 substances included.

<https://www.P65Warnings.ca.gov/>

### Free from Conflict Minerals

This product does not contain any substances designated as "conflict minerals" such as tantalum, tin, gold or tungsten from the Democratic Republic of Congo or adjacent countries.