

## Rubber Metal Buffers • waisted

EH 25151.



### Product Description

To be used for elastic bearing of motors, compressors, pumps etc.  
The waisted shape of these buffers means that the lateral forces are better damped compared to cylindrical rubber-metal 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

- Steel, zinc-plated by galvanization, passivated

#### Threaded bushing

- Steel, zinc-plated by galvanization, passivated

#### Body

- Rubber natural caoutchouc (NR), black

#### Screw

- Steel, zinc-plated by galvanization, passivated

### More information

#### Notes

Under compressive load, the dimension  $d_3$  does not exceed the diameter  $d_1$ .

### Drawing





picture 1

picture 2

picture 3

### Order information

Dimensions							Spring rate R	Load capacity max.	Spring range	Temperature		Weight	Art. No.
$d_1$	$l_1$	$d_2$	$d_3$	$l_2$	s	t				min.	max.		
[mm]							[N/mm]	[N]	[mm]	[°C]			
<b>with female thread, on both sides – picture 1</b>													
15	15	M 4	12	–	2	4	44	166	3.75	-30	80	6	25151.0009
20	15	M 6	14	–	2	6	77	289	3.75	-30	80	16	25151.0022
20	20	M 6	16	–	2	6	52	261	5.00	-30	80	19	25151.0023
25	20	M 6	20	–	2	6	153	767	5.00	-30	80	22	25151.0028
30	20	M 8	22	–	2	8	202	1010	5.00	-30	80	31	25151.0031
40	25	M 8	30	–	2	8	462	2890	6.25	-30	80	64	25151.0041
40	30	M 8	33	–	2	8	236	1798	7.50	-30	80	80	25151.0042
50	30	M10	42	–	2	10	200	1499	7.50	-30	80	109	25151.0053
75	40	M12	60	–	3	12	330	3298	10.00	-30	80	310	25151.0076
<b>with female thread and screw – picture 2</b>													
10	10	M 4	8	10	1	4	35	88	2.50	-30	80	3	25151.0106
15	15	M 4	12	10	2	4	38	142	3.75	-30	80	8	25151.0109
20	15	M 6	14	18	2	6	96	360	3.75	-30	80	17	25151.0122
20	20	M 6	16	18	2	6	61	305	5.00	-30	80	19	25151.0123

Dimensions							Spring rate R	Load capacity max.	Spring range	 min.   max.		 [g]	Art. No.
d <sub>1</sub>	l <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	l <sub>2</sub>	s	t				[N/mm]	[N]		
25	20	M 6	20	18	2	6	224	1119	5.00	-30	80	24	<a href="#">25151.0128</a>
30	20	M 8	22	20	2	8	173	863	5.00	-30	80	44	<a href="#">25151.0131</a>
40	25	M 8	30	23	2	8	510	3188	6.25	-30	80	69	<a href="#">25151.0141</a>
40	30	M 8	33	23	2	8	157	1178	7.50	-30	80	85	<a href="#">25151.0142</a>
50	30	M10	42	28	2	10	263	1975	7.50	-30	80	112	<a href="#">25151.0153</a>
75	40	M12	60	37	3	12	392	3922	10.00	-30	80	340	<a href="#">25151.0176</a>
<b>with screw, on both sides – picture 3</b>													
10	10	M 4	8	10	1	–	35	69	2.50	-30	80	5	<a href="#">25151.0206</a>
15	15	M 4	12	10	2	–	43	163	3.75	-30	80	14	<a href="#">25151.0209</a>
20	15	M 6	14	18	2	–	73	273	3.75	-30	80	18	<a href="#">25151.0222</a>
20	20	M 6	16	18	2	–	46	231	5.00	-30	80	20	<a href="#">25151.0223</a>
25	20	M 6	20	18	2	–	180	902	5.00	-30	80	27	<a href="#">25151.0228</a>
30	20	M 8	22	20	2	–	217	1087	5.00	-30	80	45	<a href="#">25151.0231</a>
40	25	M 8	30	23	2	–	389	2430	6.25	-30	80	73	<a href="#">25151.0241</a>
40	30	M 8	33	23	2	–	250	1873	7.50	-30	80	90	<a href="#">25151.0242</a>
50	30	M10	42	28	2	–	203	1523	7.50	-30	80	184	<a href="#">25151.0253</a>
75	40	M12	60	37	3	–	361	3610	10.00	-30	80	380	<a href="#">25151.0276</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 23.01.2024.

### 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.