

Rubber Endstop Buffers · cylindrical

EH 25150.



Product Description

To be used as an elastic end-stop, bearing foot etc.
The hardness is $55 \pm 5^\circ$ shore A. Further shore hardnesses ($40 \pm 5^\circ$ shore A and $70 \pm 5^\circ$ shore A) on request.

Material

Support washer

- Steel, zinc-plated, blue chromated
- Stainless steel 1.4301

Threaded bushing

- Steel, zinc-plated, blue chromated
- Stainless steel 1.4301

Body

- Rubber natural caoutchouc (NR), black

Screw

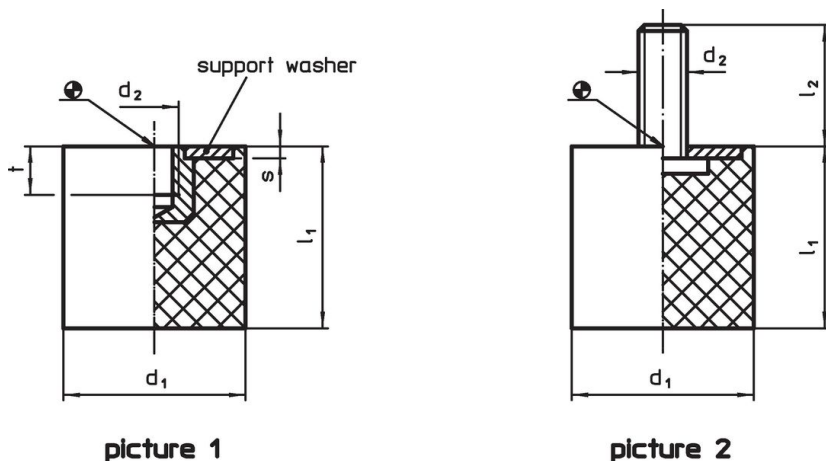
- Steel, zinc-plated, blue chromated
- Stainless steel 1.4301

More information

Further products

- Support Legs, impact cushioning

Drawing







picture 1

picture 2

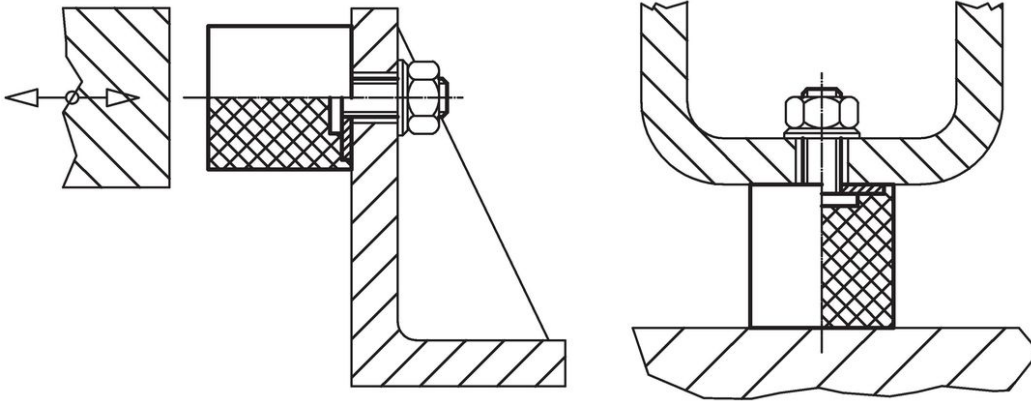
Order information

| Dimensions | | | | | | Spring rate R ~ [N/mm] | Load capacity max. [N] | Spring range ~ [mm] | Temperature range | | Weight [g] | Art. No. |
|---------------------------------------|----------------|----------------|----------------|-----|-----|------------------------------|---------------------------|---------------------------|-------------------|------|---------------|------------|
| d ₁ | l ₁ | d ₂ | l ₂ | s | t | | | | min. | max. | | |
| [mm] | | | | | | | | | | | | |
| with female thread – picture 1, Steel | | | | | | | | | | | | |
| 10 | 10 | M 4 | – | 1.2 | 4.0 | 24 | 59 | 2.50 | -30 | 80 | 1.7 | 25150.0306 |
| 15 | 15 | M 4 | – | 1.4 | 4.0 | 64 | 241 | 3.75 | -30 | 80 | 4.6 | 25150.0309 |
| 15 | 20 | M 4 | – | 1.4 | 4.0 | 57 | 287 | 5.00 | -30 | 80 | 5.7 | 25150.0310 |
| 20 | 15 | M 6 | – | 2.0 | 5.0 | 77 | 289 | 3.75 | -30 | 80 | 10.0 | 25150.0321 |
| 20 | 20 | M 6 | – | 2.0 | 5.0 | 60 | 302 | 5.00 | -30 | 80 | 10.0 | 25150.0322 |
| 20 | 25 | M 6 | – | 2.0 | 5.0 | 48 | 297 | 6.25 | -30 | 80 | 13.0 | 25150.0323 |
| 25 | 15 | M 6 | – | 2.0 | 5.0 | 163 | 612 | 3.75 | -30 | 80 | 14.0 | 25150.0326 |
| 25 | 20 | M 6 | – | 2.0 | 5.0 | 112 | 560 | 5.00 | -30 | 80 | 20.0 | 25150.0327 |
| 25 | 30 | M 6 | – | 2.0 | 5.0 | 68 | 509 | 7.50 | -30 | 80 | 20.0 | 25150.0328 |
| 30 | 15 | M 8 | – | 2.0 | 6.5 | 294 | 934 | 3.75 | -30 | 80 | 20.0 | 25150.0331 |
| 30 | 20 | M 8 | – | 2.0 | 6.5 | 185 | 924 | 5.00 | -30 | 80 | 30.0 | 25150.0332 |
| 30 | 30 | M 8 | – | 2.0 | 6.5 | 117 | 876 | 7.50 | -30 | 80 | 30.0 | 25150.0333 |
| 40 | 20 | M 8 | – | 2.0 | 6.5 | 247 | 1235 | 5.00 | -30 | 80 | 50.0 | 25150.0341 |
| 40 | 30 | M 8 | – | 2.0 | 6.5 | 213 | 1600 | 7.50 | -30 | 80 | 55.0 | 25150.0342 |
| 40 | 40 | M 8 | – | 2.0 | 6.5 | 182 | 1820 | 10.00 | -30 | 80 | 80.0 | 25150.0343 |
| 50 | 20 | M10 | – | 2.0 | 7.0 | 517 | 2587 | 5.00 | -30 | 80 | 80.0 | 25150.0351 |

| d ₁ | l ₁ | Dimensions | | | | t ~ | Spring rate R ~ [N/mm] | Load capacity max. [N] | Spring range ~ [mm] |  min. max. [°C] | |  [g] | Art. No. |
|--|----------------|----------------|----------------|-----|------|--------|------------------------------|---------------------------|---------------------------|--|-------|--|----------|
| | | d ₂ | l ₂ | s | [mm] | | | | | | | | |
| 50 | 30 | M10 | - | 2.0 | 7.0 | 327 | 2453 | 7.50 | -30 | 80 | 100.0 | 25150.0352 | |
| 50 | 40 | M10 | - | 2.0 | 7.0 | 247 | 2468 | 10.00 | -30 | 80 | 120.0 | 25150.0353 | |
| 60 | 30 | M10 | - | 2.0 | 7.0 | 467 | 3500 | 7.50 | -30 | 80 | 140.0 | 25150.0361 | |
| 60 | 50 | M10 | - | 2.0 | 7.0 | 269 | 3367 | 12.50 | -30 | 80 | 210.0 | 25150.0362 | |
| 70 | 40 | M10 | - | 3.0 | 7.0 | 410 | 4100 | 10.00 | -30 | 80 | 260.0 | 25150.0371 | |
| 70 | 55 | M10 | - | 3.0 | 7.0 | 327 | 4500 | 13.75 | -30 | 80 | 340.0 | 25150.0372 | |
| 75 | 30 | M12 | - | 3.0 | 9.0 | 600 | 4500 | 7.50 | -30 | 80 | 210.0 | 25150.0376 | |
| 75 | 40 | M12 | - | 3.0 | 9.0 | 450 | 4500 | 10.00 | -30 | 80 | 290.0 | 25150.0377 | |
| 75 | 50 | M12 | - | 3.0 | 9.0 | 352 | 4400 | 12.50 | -30 | 80 | 350.0 | 25150.0378 | |
| 100 | 40 | M16 | - | 3.0 | 16.0 | 810 | 8100 | 10.00 | -30 | 80 | 514.0 | 25150.0382 | |
| 100 | 50 | M16 | - | 3.0 | 16.0 | 640 | 8000 | 12.50 | -30 | 80 | 512.0 | 25150.0384 | |
| 100 | 60 | M16 | - | 3.0 | 16.0 | 520 | 7800 | 15.00 | -30 | 80 | 698.0 | 25150.0386 | |
| with screw – picture 2, Steel | | | | | | | | | | | | | |
| 8 | 8 | M 3 | 6 | 1.0 | - | 20 | 40 | 2.00 | -30 | 80 | 1.0 | 25150.0403 | |
| 10 | 10 | M 4 | 10 | 1.2 | - | 24 | 59 | 2.50 | -30 | 80 | 1.9 | 25150.0406 | |
| 10 | 15 | M 4 | 10 | 1.2 | - | 21 | 78 | 3.75 | -30 | 80 | 2.4 | 25150.0407 | |
| 15 | 10 | M 4 | 10 | 1.4 | - | 77 | 154 | 2.00 | -30 | 80 | 4.0 | 25150.0408 | |
| 15 | 15 | M 4 | 10 | 1.4 | - | 64 | 241 | 3.75 | -30 | 80 | 5.0 | 25150.0409 | |
| 15 | 20 | M 4 | 10 | 1.4 | - | 57 | 287 | 5.00 | -30 | 80 | 6.2 | 25150.0410 | |
| 15 | 30 | M 4 | 10 | 1.4 | - | 48 | 300 | 6.25 | -30 | 80 | 8.0 | 25150.0411 | |
| 20 | 10 | M 6 | 18 | 2.0 | - | 126 | 315 | 2.50 | -30 | 80 | 10.0 | 25150.0421 | |
| 20 | 15 | M 6 | 18 | 2.0 | - | 77 | 289 | 3.75 | -30 | 80 | 10.0 | 25150.0422 | |
| 20 | 20 | M 6 | 18 | 2.0 | - | 60 | 302 | 5.00 | -30 | 80 | 13.0 | 25150.0423 | |
| 20 | 30 | M 6 | 18 | 2.0 | - | 38 | 285 | 7.50 | -30 | 80 | 20.0 | 25150.0424 | |
| 25 | 15 | M 6 | 18 | 2.0 | - | 163 | 612 | 3.75 | -30 | 80 | 18.0 | 25150.0426 | |
| 25 | 20 | M 6 | 18 | 2.0 | - | 112 | 560 | 5.00 | -30 | 80 | 20.0 | 25150.0427 | |
| 25 | 30 | M 6 | 18 | 2.0 | - | 68 | 509 | 7.50 | -30 | 80 | 25.0 | 25150.0428 | |
| 30 | 15 | M 8 | 20 | 2.0 | - | 294 | 934 | 3.75 | -30 | 80 | 28.0 | 25150.0431 | |
| 30 | 20 | M 8 | 20 | 2.0 | - | 185 | 924 | 5.00 | -30 | 80 | 32.0 | 25150.0432 | |
| 30 | 25 | M 8 | 20 | 2.0 | - | 130 | 815 | 6.25 | -30 | 80 | 38.0 | 25150.0433 | |
| 30 | 30 | M 8 | 20 | 2.0 | - | 117 | 876 | 7.50 | -30 | 80 | 43.0 | 25150.0434 | |
| 40 | 20 | M 8 | 23 | 2.0 | - | 247 | 1235 | 5.00 | -30 | 80 | 55.0 | 25150.0441 | |
| 40 | 25 | M 8 | 23 | 2.0 | - | 247 | 1546 | 6.25 | -30 | 80 | 60.0 | 25150.0442 | |
| 40 | 30 | M 8 | 23 | 2.0 | - | 213 | 1600 | 7.50 | -30 | 80 | 73.0 | 25150.0443 | |
| 40 | 40 | M 8 | 23 | 2.0 | - | 182 | 1820 | 10.00 | -30 | 80 | 83.0 | 25150.0444 | |
| 50 | 20 | M10 | 28 | 2.0 | - | 517 | 2587 | 5.00 | -30 | 80 | 90.0 | 25150.0451 | |
| 50 | 30 | M10 | 28 | 2.0 | - | 327 | 2453 | 7.50 | -30 | 80 | 118.0 | 25150.0452 | |
| 50 | 40 | M10 | 28 | 2.0 | - | 247 | 2468 | 10.00 | -30 | 80 | 140.0 | 25150.0453 | |
| 60 | 20 | M10 | 28 | 2.0 | - | 726 | 3630 | 5.00 | -30 | 80 | 110.0 | 25150.0461 | |
| 60 | 40 | M10 | 28 | 2.0 | - | 340 | 3400 | 10.00 | -30 | 80 | 195.0 | 25150.0462 | |
| 70 | 40 | M10 | 27 | 3.0 | - | 410 | 4100 | 10.00 | -30 | 80 | 265.0 | 25150.0471 | |
| 70 | 55 | M10 | 27 | 3.0 | - | 327 | 4500 | 13.75 | -30 | 80 | 357.0 | 25150.0472 | |
| 75 | 25 | M12 | 37 | 3.0 | - | 752 | 4700 | 6.25 | -30 | 80 | 223.0 | 25150.0476 | |
| 75 | 40 | M12 | 37 | 3.0 | - | 450 | 4500 | 10.00 | -30 | 80 | 310.0 | 25150.0477 | |
| 75 | 50 | M12 | 37 | 3.0 | - | 352 | 4400 | 12.50 | -30 | 80 | 340.0 | 25150.0478 | |
| 100 | 40 | M16 | 41 | 3.0 | - | 810 | 8100 | 10.00 | -30 | 80 | 570.0 | 25150.0482 | |
| 100 | 50 | M16 | 41 | 3.0 | - | 640 | 8000 | 12.50 | -30 | 80 | 656.0 | 25150.0484 | |
| 100 | 60 | M16 | 41 | 3.0 | - | 520 | 7800 | 15.00 | -30 | 80 | 750.0 | 25150.0486 | |
| with female thread – picture 1, Stainless steel | | | | | | | | | | | | | |
| 10 | 10 | M 4 | - | 1.2 | 4.0 | 24 | 59 | 2.50 | -30 | 80 | 1.7 | 25150.1306 | |
| 15 | 15 | M 4 | - | 1.4 | 4.0 | 64 | 241 | 3.75 | -30 | 80 | 4.6 | 25150.1309 | |
| 15 | 20 | M 4 | - | 1.4 | 4.0 | 57 | 287 | 5.00 | -30 | 80 | 5.7 | 25150.1310 | |
| 20 | 15 | M 6 | - | 2.0 | 5.0 | 77 | 289 | 3.75 | -30 | 80 | 10.0 | 25150.1321 | |
| 20 | 20 | M 6 | - | 2.0 | 5.0 | 60 | 302 | 5.00 | -30 | 80 | 10.0 | 25150.1322 | |
| 20 | 25 | M 6 | - | 2.0 | 5.0 | 48 | 297 | 6.25 | -30 | 80 | 13.0 | 25150.1323 | |
| 25 | 15 | M 6 | - | 2.0 | 5.0 | 163 | 612 | 3.75 | -30 | 80 | 14.0 | 25150.1326 | |
| 25 | 20 | M 6 | - | 2.0 | 5.0 | 112 | 560 | 5.00 | -30 | 80 | 20.0 | 25150.1327 | |
| 25 | 30 | M 6 | - | 2.0 | 5.0 | 68 | 509 | 7.50 | -30 | 80 | 20.0 | 25150.1328 | |
| 30 | 15 | M 8 | - | 2.0 | 6.5 | 294 | 934 | 3.75 | -30 | 80 | 20.0 | 25150.1331 | |
| 30 | 20 | M 8 | - | 2.0 | 6.5 | 185 | 924 | 5.00 | -30 | 80 | 30.0 | 25150.1332 | |
| 30 | 30 | M 8 | - | 2.0 | 6.5 | 117 | 876 | 7.50 | -30 | 80 | 30.0 | 25150.1333 | |

| d ₁ | l ₁ | Dimensions | | | | t ~ | Spring rate R ~ [N/mm] | Load capacity max. [N] | Spring range ~ [mm] |  min. max. [°C] | |  [g] | Art. No. |
|--|----------------|----------------|----------------|-----|------|--------|------------------------------|---------------------------|---------------------------|--|-------|--|----------|
| | | d ₂ | l ₂ | s | [mm] | | | | | | | | |
| 40 | 20 | M 8 | - | 2.0 | 6.5 | 247 | 1235 | 5.00 | -30 | 80 | 50.0 | 25150.1341 | |
| 40 | 30 | M 8 | - | 2.0 | 6.5 | 213 | 1600 | 7.50 | -30 | 80 | 55.0 | 25150.1342 | |
| 40 | 40 | M 8 | - | 2.0 | 6.5 | 182 | 1820 | 10.00 | -30 | 80 | 80.0 | 25150.1343 | |
| 50 | 20 | M10 | - | 2.0 | 7.0 | 517 | 2587 | 5.00 | -30 | 80 | 80.0 | 25150.1351 | |
| 50 | 30 | M10 | - | 2.0 | 7.0 | 327 | 2453 | 7.50 | -30 | 80 | 100.0 | 25150.1352 | |
| 50 | 40 | M10 | - | 2.0 | 7.0 | 247 | 2468 | 10.00 | -30 | 80 | 120.0 | 25150.1353 | |
| 60 | 30 | M10 | - | 2.0 | 7.0 | 467 | 3500 | 7.50 | -30 | 80 | 140.0 | 25150.1361 | |
| 60 | 50 | M10 | - | 2.0 | 7.0 | 269 | 3367 | 12.50 | -30 | 80 | 210.0 | 25150.1362 | |
| 70 | 40 | M10 | - | 3.0 | 7.0 | 410 | 4100 | 10.00 | -30 | 80 | 260.0 | 25150.1371 | |
| 70 | 55 | M10 | - | 3.0 | 7.0 | 327 | 4500 | 13.75 | -30 | 80 | 340.0 | 25150.1372 | |
| 75 | 30 | M12 | - | 3.0 | 9.0 | 600 | 4500 | 7.50 | -30 | 80 | 210.0 | 25150.1376 | |
| 75 | 40 | M12 | - | 3.0 | 9.0 | 450 | 4500 | 10.00 | -30 | 80 | 290.0 | 25150.1377 | |
| 75 | 50 | M12 | - | 3.0 | 9.0 | 352 | 4400 | 12.50 | -30 | 80 | 350.0 | 25150.1378 | |
| 100 | 40 | M16 | - | 3.0 | 16.0 | 810 | 8100 | 10.00 | -30 | 80 | 514.0 | 25150.1382 | |
| 100 | 50 | M16 | - | 3.0 | 16.0 | 640 | 8000 | 12.50 | -30 | 80 | 512.0 | 25150.1384 | |
| 100 | 60 | M16 | - | 3.0 | 16.0 | 520 | 7800 | 15.00 | -30 | 80 | 698.0 | 25150.1386 | |
| with screw – picture 2, Stainless steel | | | | | | | | | | | | | |
| 8 | 8 | M 3 | 6 | 1.0 | - | 20 | 40 | 2.00 | -30 | 80 | 1.0 | 25150.1403 | |
| 10 | 10 | M 4 | 10 | 1.2 | - | 24 | 59 | 2.50 | -30 | 80 | 1.9 | 25150.1406 | |
| 10 | 15 | M 4 | 10 | 1.2 | - | 21 | 78 | 3.75 | -30 | 80 | 2.4 | 25150.1407 | |
| 15 | 10 | M 4 | 10 | 1.4 | - | 77 | 154 | 2.00 | -30 | 80 | 4.0 | 25150.1408 | |
| 15 | 15 | M 4 | 10 | 1.4 | - | 64 | 241 | 3.75 | -30 | 80 | 5.0 | 25150.1409 | |
| 15 | 20 | M 4 | 10 | 1.4 | - | 57 | 287 | 5.00 | -30 | 80 | 6.2 | 25150.1410 | |
| 15 | 30 | M 4 | 10 | 1.4 | - | 48 | 300 | 6.25 | -30 | 80 | 8.0 | 25150.1411 | |
| 20 | 10 | M 6 | 18 | 2.0 | - | 126 | 315 | 2.50 | -30 | 80 | 10.0 | 25150.1421 | |
| 20 | 15 | M 6 | 18 | 2.0 | - | 77 | 289 | 3.75 | -30 | 80 | 10.0 | 25150.1422 | |
| 20 | 20 | M 6 | 18 | 2.0 | - | 60 | 302 | 5.00 | -30 | 80 | 13.0 | 25150.1423 | |
| 20 | 30 | M 6 | 18 | 2.0 | - | 38 | 285 | 7.50 | -30 | 80 | 20.0 | 25150.1424 | |
| 25 | 15 | M 6 | 18 | 2.0 | - | 163 | 612 | 3.75 | -30 | 80 | 18.0 | 25150.1426 | |
| 25 | 20 | M 6 | 18 | 2.0 | - | 112 | 560 | 5.00 | -30 | 80 | 20.0 | 25150.1427 | |
| 25 | 30 | M 6 | 18 | 2.0 | - | 68 | 509 | 7.50 | -30 | 80 | 25.0 | 25150.1428 | |
| 30 | 15 | M 8 | 20 | 2.0 | - | 294 | 934 | 3.75 | -30 | 80 | 28.0 | 25150.1431 | |
| 30 | 20 | M 8 | 20 | 2.0 | - | 185 | 924 | 5.00 | -30 | 80 | 32.0 | 25150.1432 | |
| 30 | 25 | M 8 | 20 | 2.0 | - | 130 | 815 | 6.25 | -30 | 80 | 38.0 | 25150.1433 | |
| 30 | 30 | M 8 | 20 | 2.0 | - | 117 | 876 | 7.50 | -30 | 80 | 43.0 | 25150.1434 | |
| 40 | 20 | M 8 | 23 | 2.0 | - | 247 | 1235 | 5.00 | -30 | 80 | 55.0 | 25150.1441 | |
| 40 | 25 | M 8 | 23 | 2.0 | - | 247 | 1546 | 6.25 | -30 | 80 | 60.0 | 25150.1442 | |
| 40 | 30 | M 8 | 23 | 2.0 | - | 213 | 1600 | 7.50 | -30 | 80 | 73.0 | 25150.1443 | |
| 40 | 40 | M 8 | 23 | 2.0 | - | 182 | 1820 | 10.00 | -30 | 80 | 83.0 | 25150.1444 | |
| 50 | 20 | M10 | 28 | 2.0 | - | 517 | 2587 | 5.00 | -30 | 80 | 90.0 | 25150.1451 | |
| 50 | 30 | M10 | 28 | 2.0 | - | 327 | 2453 | 7.50 | -30 | 80 | 118.0 | 25150.1452 | |
| 50 | 40 | M10 | 28 | 2.0 | - | 247 | 2468 | 10.00 | -30 | 80 | 140.0 | 25150.1453 | |
| 60 | 20 | M10 | 28 | 2.0 | - | 726 | 3630 | 5.00 | -30 | 80 | 110.0 | 25150.1461 | |
| 60 | 40 | M10 | 28 | 2.0 | - | 340 | 3400 | 10.00 | -30 | 80 | 195.0 | 25150.1462 | |
| 70 | 40 | M10 | 27 | 3.0 | - | 410 | 4100 | 10.00 | -30 | 80 | 265.0 | 25150.1471 | |
| 70 | 55 | M10 | 27 | 3.0 | - | 327 | 4500 | 13.75 | -30 | 80 | 357.0 | 25150.1472 | |
| 75 | 25 | M12 | 37 | 3.0 | - | 752 | 4700 | 6.25 | -30 | 80 | 223.0 | 25150.1476 | |
| 75 | 40 | M12 | 37 | 3.0 | - | 450 | 4500 | 10.00 | -30 | 80 | 310.0 | 25150.1477 | |
| 75 | 50 | M12 | 37 | 3.0 | - | 352 | 4400 | 12.50 | -30 | 80 | 340.0 | 25150.1478 | |
| 100 | 40 | M16 | 41 | 3.0 | - | 810 | 8100 | 10.00 | -30 | 80 | 570.0 | 25150.1482 | |
| 100 | 50 | M16 | 41 | 3.0 | - | 640 | 8000 | 12.50 | -30 | 80 | 656.0 | 25150.1484 | |
| 100 | 60 | M16 | 41 | 3.0 | - | 520 | 7800 | 15.00 | -30 | 80 | 750.0 | 25150.1486 | |

Application example



Compliance

For detailed compliance information please select the desired article number.