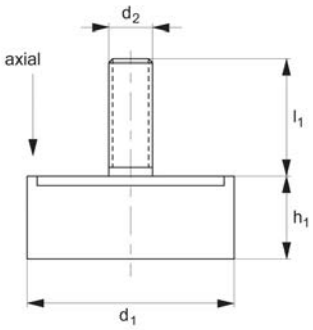


# 61200



**Material**
Rubber on silver zinc plated steel (rubber hardness - 55 Shore A).

**Tips**
These feet or bumpers reduce shock and vibration.

Used widely as shock absorbers and feet for machine elements.

| Order No. | $d_1$ | $h_1$ | $d_2$ | $l_1$ | Compression max. | Axial load kgf max. |
|---|---|---|---|---|---|---|
| 61200.W0091 | 9 | 12 | M 4 | 14 | 2.0 | 6 |
| 61200.W0151 | 15 | 10 | M 4 | 14 | 1.5 | 13 |
| 61200.W0152 | 15 | 15 | M 4 | 14 | 3.0 | 13 |
| 61200.W0153 | 15 | 20 | M 4 | 14 | 4.0 | 10 |
| 61200.W0154 | 15 | 25 | M 4 | 14 | 5.0 | 9 |
| 61200.W0201 | 20 | 10 | M 6 | 13 | 2.0 | 30 |
| 61200.W0202 | 20 | 20 | M 6 | 13 | 4.0 | 25 |
| 61200.W0251 | 25 | 10 | M 6 | 18 | 1.5 | 50 |
| 61200.W0252 | 25 | 13 | M 6 | 18 | 3.0 | 46 |
| 61200.W0253 | 25 | 15 | M 6 | 18 | 3.0 | 44 |
| 61200.W0254 | 25 | 17 | M 6 | 18 | 3.0 | 42 |
| 61200.W0255 | 25 | 20 | M 6 | 18 | 4.0 | 41 |
| 61200.W0256 | 25 | 25 | M 6 | 18 | 5.0 | 40 |
| 61200.W0257 | 25 | 30 | M 6 | 18 | 6.0 | 35 |
| 61200.W0302 | 30 | 12 | M 8 | 23 | 2.0 | 58 |
| 61200.W0303 | 30 | 15 | M 8 | 20 | 3.0 | 58 |
| 61200.W0304 | 30 | 20 | M 8 | 20 | 4.0 | 55 |
| 61200.W0305 | 30 | 25 | M 8 | 20 | 5.0 | 50 |
| 61200.W0306 | 30 | 30 | M 8 | 20 | 6.0 | 47 |
| 61200.W0351 | 35 | 11.5 | M10 | 48 | 3.0 | 80 |
| 61200.W0352 | 35 | 40 | M 8 | 23 | 8.0 | 68 |
| 61200.W0401 | 40 | 12 | M 8 | 23 | 3.0 | 120 |
| 61200.W0402 | 40 | 20 | M 8 | 23 | 4.0 | 117 |
| 61200.W0403 | 40 | 25 | M 8 | 20 | 6.0 | 117 |
| 61200.W0404 | 40 | 30 | M 8 | 20 | 8.0 | 100 |
| 61200.W0405 | 40 | 40 | M 8 | 20 | 10.0 | 85 |
| 61200.W0406 | 40 | 45 | M 8 | 20 | 12.0 | 85 |
| 61200.W0451 | 45 | 30 | M 8 | 23 | 8.0 | 110 |
| 61200.W0452 | 45 | 50 | M 8 | 35 | 12.0 | 85 |
| 61200.W0501 | 50 | 10 | M10 | 28 | 2.0 | 230 |
| 61200.W0502 | 50 | 20 | M10 | 25 | 4.0 | 250 |
| 61200.W0503 | 50 | 25 | M10 | 25 | 5.5 | 250 |
| 61200.W0504 | 50 | 30 | M10 | 25 | 8.0 | 150 |
| 61200.W0505 | 50 | 35 | M10 | 25 | 9.0 | 230 |

# Anti-vibration Feet

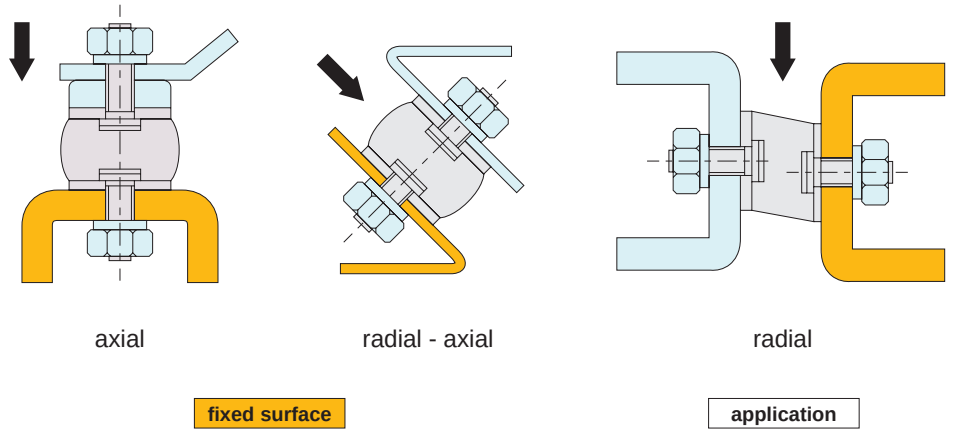
male



| Order No. | $d_1$ | $h_1$ | $d_2$ | $l_1$ | Compression max. | Axial load kgf max. |
|---|---|---|---|---|---|---|
| 61200.W0506 | 50 | 45 | M10 | 25 | 11.0 | 130 |
| 61200.W0507 | 50 | 50 | M10 | 25 | 12.0 | 125 |
| 61200.W0508 | 50 | 60 | M10 | 28 | 14.0 | 110 |
| 61200.W0601 | 60 | 20 | M10 | 28 | 4.0 | 280 |
| 61200.W0602 | 60 | 30 | M10 | 28 | 8.0 | 280 |
| 61200.W0603 | 60 | 45 | M10 | 30 | 10.0 | 190 |
| 61200.W0604 | 60 | 50 | M12 | 37 | 11.0 | 185 |
| 61200.W0605 | 60 | 60 | M10 | 30 | 12.0 | 185 |
| 61200.W0702 | 70 | 50 | M12 | 35 | 10.0 | 250 |
| 61200.W0703 | 70 | 55 | M12 | 35 | 12.0 | 240 |
| 61200.W0704 | 70 | 70 | M10 | 30 | 13.0 | 300 |
| 61200.W0751 | 75 | 25 | M12 | 35 | 5.0 | 295 |
| 61200.W0752 | 75 | 30 | M12 | 37 | 8.0 | 320 |
| 61200.W0753 | 75 | 40 | M12 | 35 | 9.0 | 320 |
| 61200.W0754 | 75 | 45 | M12 | 35 | 10.0 | 500 |
| 61200.W0755 | 75 | 55 | M12 | 35 | 13.0 | 450 |
| 61200.W0801 | 80 | 30 | M14 | 35 | 5.5 | 900 |
| 61200.W0802 | 80 | 40 | M14 | 35 | 9.0 | 600 |
| 61200.W0803 | 80 | 50 | M14 | 35 | 10.0 | 750 |
| 61200.W0804 | 80 | 70 | M14 | 35 | 15.0 | 550 |
| 61200.W1005 | 100 | 100 | M16 | 56 | 19.0 | 500 |
| 61200.W1101 | 110 | 124 | M12 | 37 | 19.0 | 550 |
| 61200.W1301 | 130 | 40 | M16 | 45 | 6.0 | 550 |
| 61200.W1305 | 130 | 50 | M16 | 45 | 9.0 | 550 |
| 61200.W1302 | 130 | 60 | M16 | 56 | 14.0 | 680 |
| 61200.W1303 | 130 | 75 | M16 | 45 | 13.0 | 1450 |
| 61200.W1304 | 130 | 100 | M16 | 45 | 16.0 | 1200 |
| 61200.W1501 | 150 | 50 | M20 | 20 | 9.0 | 1800 |
| 61200.W1502 | 150 | 60 | M20 | 20 | 14.0 | 2200 |
| 61200.W1503 | 150 | 75 | M20 | 20 | 16.0 | 2000 |
| 61200.W1504 | 150 | 100 | M20 | 20 | 16.0 | 1400 |
| 61200.W1505 | 150 | 120 | M20 | 20 | 16.0 | 1300 |
| 61200.W1506 | 150 | 140 | M20 | 20 | 16.0 | 1200 |
| 61200.W0951 | 95 | 40 | M16 | 45 | 8.0 | 1200 |
| 61200.W0952 | 95 | 55 | M16 | 45 | 11.0 | 1000 |
| 61200.W0953 | 95 | 60 | M16 | 45 | 12.0 | 800 |
| 61200.W0954 | 95 | 75 | M16 | 45 | 13.0 | 700 |
| 61200.W1001 | 100 | 40 | M16 | 45 | 8.0 | 660 |
| 61200.W1002 | 100 | 50 | M16 | 56 | 10.0 | 550 |
| 61200.W1003 | 100 | 55 | M16 | 56 | 11.0 | 520 |
| 61200.W0805 | 80 | 80 | M14 | 50 | 18.0 | 370 |
| 61200.W1004 | 100 | 60 | M16 | 45 | 15.0 | 515 |

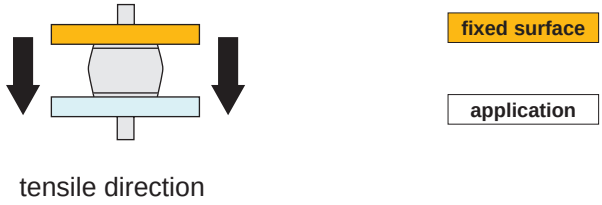
## Acceptable loads

Cylindrical mounts are never to be used in tension, they should only be used in axial or radial. Radial loads are however considerably less than axial loads. Parts with small diameters ($d_1$) and relatively long lengths (h) cannot accept radial loads.

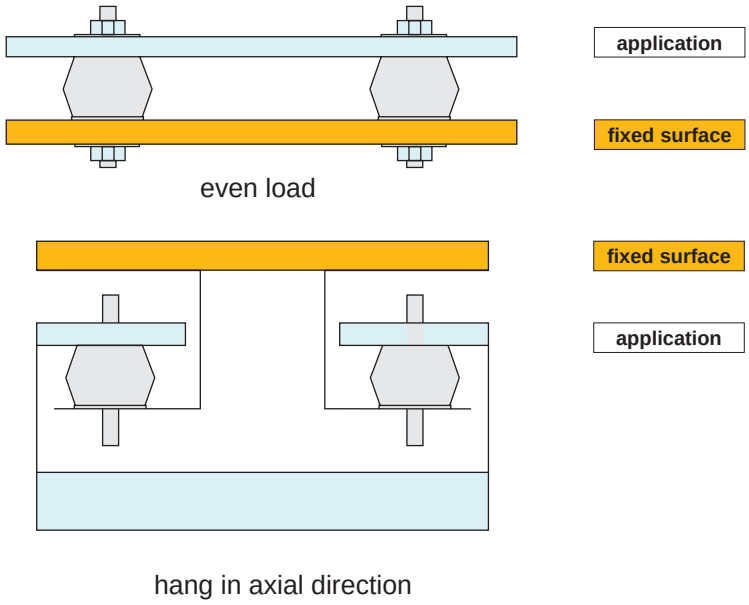



## Installation

### Incorrect installation




### Correct installation

The height of the insulator may vary as the rubber is compressed under load.

Do not remove the rubber burr around the edge of the metal, this could cause detachment of rubber from the metal studs.