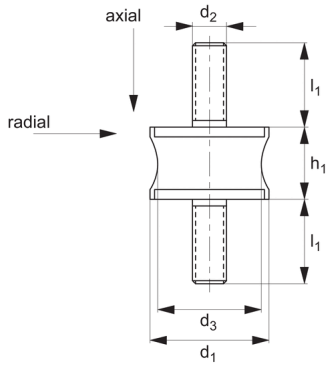
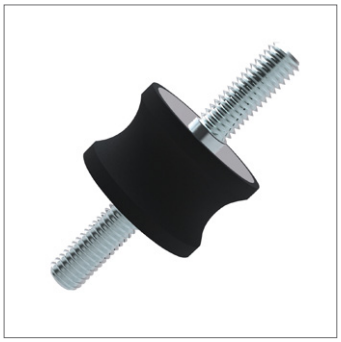
Anti-vibration Cylinders Waisted
male





61100

Material
Rubber on silver zinc plated steel (rubber hardness - 55 Shore A).
Available in stainless steel on request.

Technical Notes
For rubber mounted on silver zinc plated steel see part no. 61102 (female:female) or 61110 (male:female).

Tips
These cylinders are used to reduce vibration by allowing some movement (in axial and radial as shown in drawing).

Typically used in machinery, compressors, air conditioning units, light engineering equipment etc.

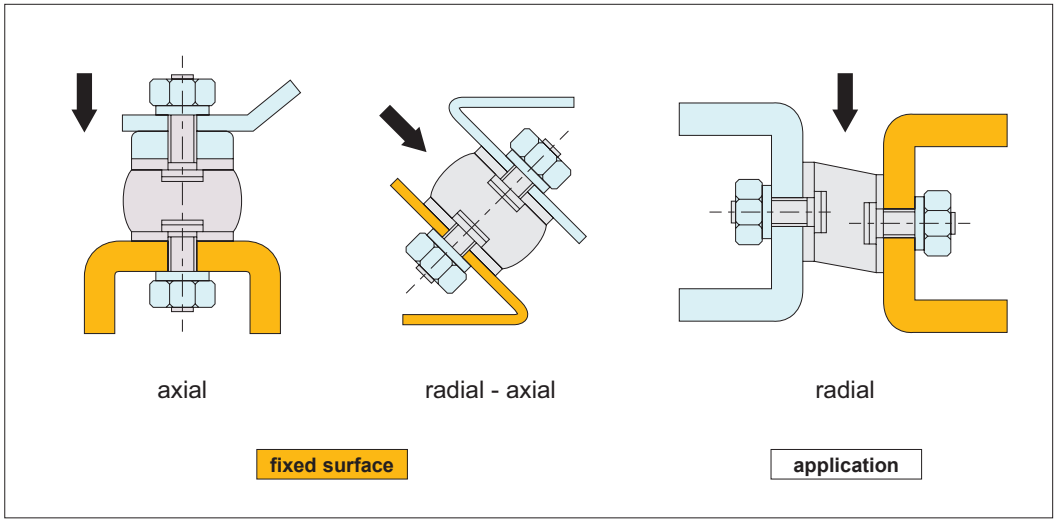
Order No.	d_1	h_1	d_2	d_3	l_1	Axial load kgf max.	Radial load N max.
61100.W0012	12	14	M 4	7	10	2.5	1.0
61100.W0020	20	15	M 6	14	13-16	10	2.5
61100.W0021	20	20	M 6	12	18	15	2.5
61100.W0025	25	20	M 6	18	18	25	6.0
61100.W0030	30	20	M 8	25	23	35	6.0
61100.W0031	30	25	M 8	24	20	40	6.0
61100.W0040	40	28	M10	22	25	60	12
61100.W0045	45	50	M 8	25	23	60	-
61100.W0050	50	30	M10	42	28	120	25
61100.W0057	57	44	M 8	25	20	40	-
61100.W0060	60	36	M10	37	30	90	-
61100.W0061	60	43	M10	35	30	70	12
61100.W0062	60	60	M10	51	30	150	30
61100.W0070	70	56	M12	50	35	220	-
61100.W0080	80	70	M14	70	50	170	55
61100.W0090	90	77	M16	79	45	500	-
61100.W0095	95	76	M16	80	46	250	-
61100.W0108	108	85	M16	95	45	800	-
61100.W0130	130	96	M16	115	45	1400	-

General Anti-vibration Cylinders

installation methods for cylinders

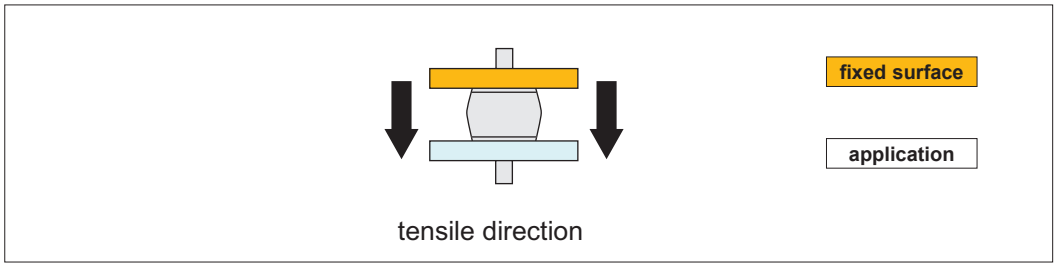
Acceptable loads

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

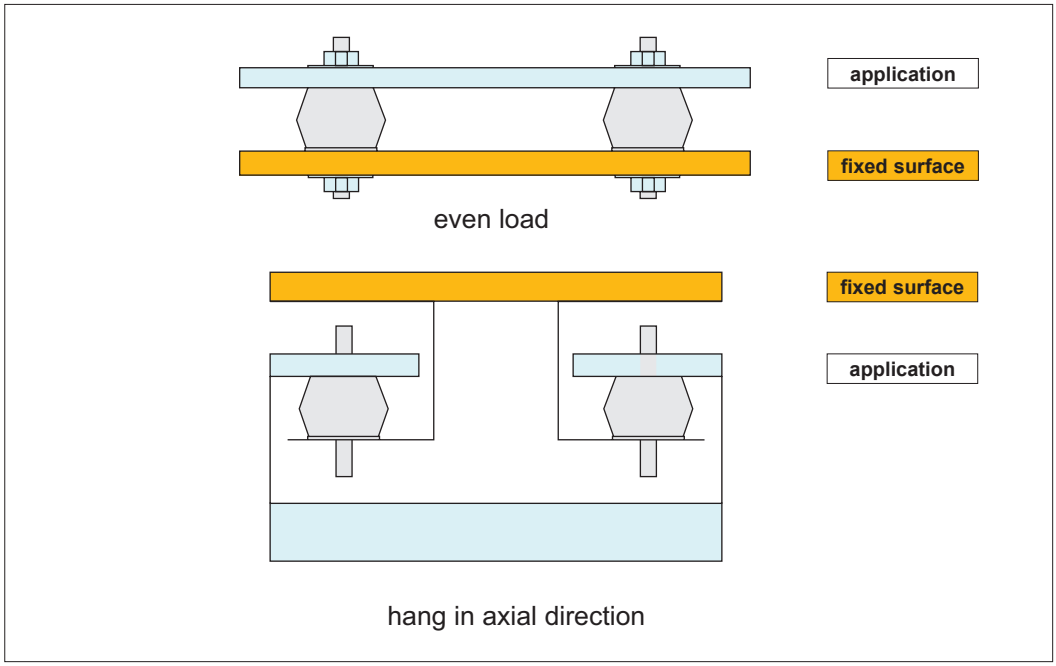
Incorrect installation



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.



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