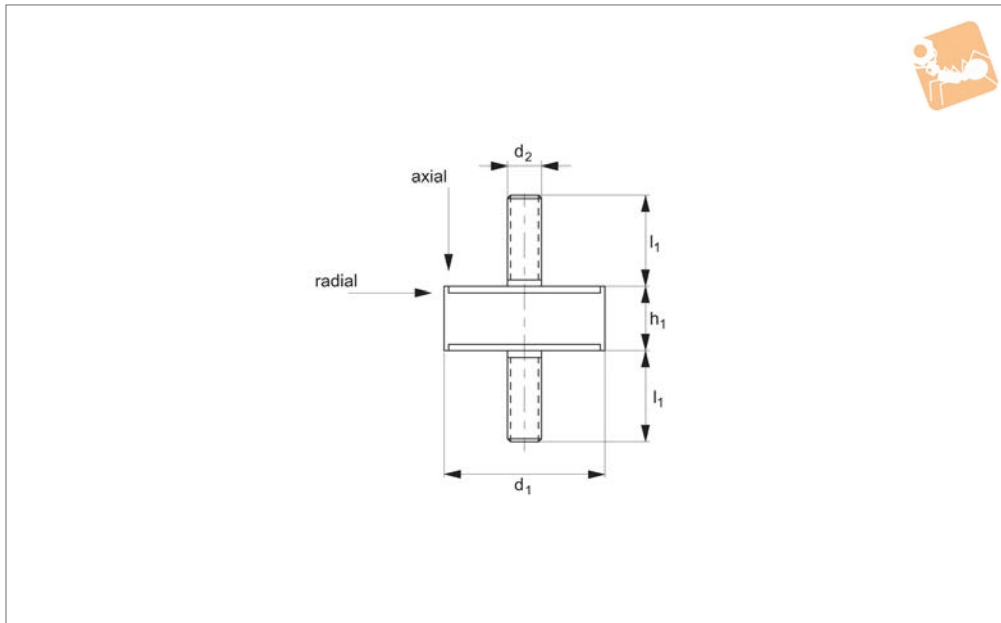
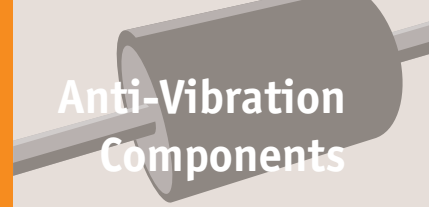




Anti-vibration Cylinders

male:male

Anti-Vibration Components



P2004

ANTI-VIBRATION COMPONENTS

Material

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

Different thread sizes on request.

For rubber mounted on stainless steel - see part no. P2005.

and radial as shown).

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

Technical Notes

Parts with small diameters (d_1) and relatively long length (h) cannot accept radial loads (as shown in table).

Tips

These cylinders are used to reduce vibration by allowing some movement (in axial

Order No.	d_1	h_1	d_2	l_1	Axial load kgf max.	Radial load kgf max.
P2004.006-007-03	6	7	M 3	10	3	-
P2004.008-008-03	8	8	M 3	10	3	-
P2004.009-012-04	9	12	M 4	10	6	1.5
P2004.010-008-04	10	8	M 4	10	8	1.5
P2004.010-010-04	10	10	M 4	10	10	1.5
P2004.015-008-04	15	8	M 4	10-14	15	2.4
P2004.015-010-04	15	10	M 4	10-14	13	2.4
P2004.015-010-05	15	10	M 5	10-14	13	2.4
P2004.015-015-04	15	15	M 4	10-14	13	3.0
P2004.015-015-05	15	15	M 5	10-14	13	3.0
P2004.015-020-04	15	20	M 4	10-14	10	-
P2004.015-020-05	15	20	M 5	10-14	10	-
P2004.015-022-04	15	22	M 4	10-14	10	-
P2004.015-025-04	15	25	M 4	10-14	9	-
P2004.015-028-04	15	28	M 4	10-14	9	-
P2004.016-008-04	16	8	M 4	10	-	-
P2004.016-008-05	16	8	M 5	12	-	-
P2004.016-010-04	16	10	M 4	10	-	-
P2004.016-010-05	16	10	M 5	12	-	-
P2004.016-015-04	16	15	M 4	14	13	2.4
P2004.016-015-05	16	15	M 5	14	13	2.4
P2004.016-020-04	16	20	M 4	10	-	-
P2004.016-020-05	16	20	M 5	12	-	-
P2004.016-025-04	16	25	M 4	10	-	-
P2004.016-025-05	16	25	M 5	12	-	-
P2004.018-007-06	18	7.5	M 6	16	20	3.0
P2004.018-008-06	18	8.5	M 6	16	20	3.0
P2004.018-012-06	18	12	M 6	16	18	3.0
P2004.020-009-06	20	9	M 6	13-16	27	5.0



Order No.	d ₁	h ₁	d ₂	l ₁	Axial load kgf max.	Radial load kgf max.
P2004.020-010-06	20	10	M 6	16	30	5.0
P2004.020-015-06	20	15	M 6	16	25	5.0
P2004.020-020-06	20	20	M 6	18	21	4.5
P2004.020-025-06	20	25	M 6	16	20	4.0
P2004.020-030-06	20	30	M 6	16	18	3.5
P2004.020-035-06	20	35	M 6	13-16	18	3.5
P2004.025-010-06A	25	10	M 6	16	46	9.0
P2004.025-010-06	25	10	M 6	10-18	46	9.0
P2004.025-010-08	25	10	M 8	18	46	9.0
P2004.025-015-06	25	15	M 6	18	44	8.5
P2004.025-015-08	25	15	M 8	18	44	8.5
P2004.025-020-06	25	20	M 6	18	41	8.0
P2004.025-020-08	25	20	M 8	18	41	8.0
P2004.025-022-06	25	22	M 6	16	-	-
P2004.025-022-08	25	22	M 8	20	-	-
P2004.025-025-06	25	25	M 6	18	40	7.5
P2004.025-025-08	25	25	M 8	18	40	7.5
P2004.025-030-06	25	30	M 6	18	40	7.0
P2004.025-030-08	25	30	M 8	18	40	7.0
P2004.025-040-06	25	40	M 6	18	36	4.0
P2004.025-040-08	25	40	M 8	18	36	4.0
P2004.030-010-08	30	10	M 8	20	-	-
P2004.030-015-08	30	15	M 8	20	90	12.0
P2004.030-020-08	30	20	M 8	20	90	10.5
P2004.030-025-08	30	25	M 8	20	85	10.5
P2004.030-030-08	30	30	M 8	20	80	10.5
P2004.030-040-08	30	40	M 8	20	-	-
P2004.035-035-08	35	35	M 8	20	-	-
P2004.035-040-08	35	40	M 8	23	54	13.0
P2004.040-012-08	40	12	M 8	23	120	20.0
P2004.040-020-08	40	20	M 8	20	160	20.0
P2004.040-020-10	40	20	M10	20	160	20.0
P2004.040-025-08	40	25	M 8	20	155	18.0
P2004.040-025-10	40	25	M10	20	155	18.0
P2004.040-028-08	40	28	M 8	20	155	16.0
P2004.040-028-10	40	28	M10	20	155	16.0
P2004.040-030-08	40	30	M 8	23	150	21.0
P2004.040-030-10	40	30	M10	23	150	21.0
P2004.040-035-08	40	35	M 8	20	-	-
P2004.040-035-10	40	35	M10	25	-	-
P2004.040-040-08	40	40	M 8	23	120	22.0
P2004.040-040-10	40	40	M10	23	120	22.0
P2004.040-045-08	40	45	M 8	20	-	-
P2004.040-045-10	40	45	M10	25	-	-
P2004.040-050-08	40	50	M 8	23	80	19.0
P2004.040-050-10	40	50	M10	23	80	19.0
P2004.045-030-08	45	30	M 8	23	112	24.0
P2004.050-020-10	50	20	M10	25	250	30.0
P2004.050-025-10	50	25	M10	25	-	-
P2004.050-030-10	50	30	M10	25	250	29.0
P2004.050-035-10	50	35	M10	25	-	-
P2004.050-040-10	50	40	M10	25	220	29.0
P2004.050-045-10	50	45	M10	25	-	-
P2004.050-050-10	50	50	M10	25	200	29.0
P2004.050-055-10	50	55	M10	25	-	-
P2004.060-020-10	60	20	M10	28	285	35.0
P2004.060-025-10	60	25	M10	30	285	35.0
P2004.060-030-10	60	30	M10	28	200	37.0
P2004.060-035-10	60	35	M10	30	350	39.0
P2004.060-045-10	60	45	M10	30	300	42.0
P2004.060-050-10	60	50	M10	37	185	42.0
P2004.060-050-12	60	50	M12	37	185	42.0
P2004.060-060-10	60	60	M10	30	-	-
P2004.070-035-10	70	35	M10	30	-	-
P2004.070-045-10	70	45	M10	35	270	55.0
P2004.070-050-10	70	50	M10	30	350	52.0
P2004.070-070-10	70	70	M10	30	-	-



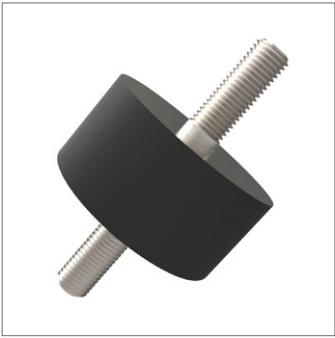
Anti-vibration Cylinders

male:male

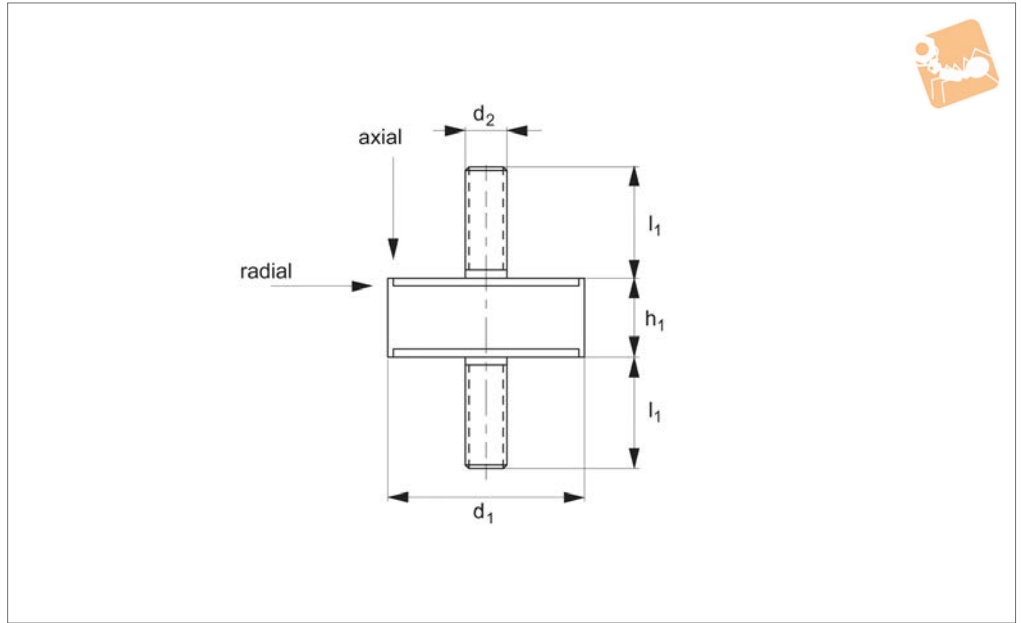
Anti-Vibration Components

Order No.	d ₁	h ₁	d ₂	l ₁	Axial load kgf max.	Radial load kgf max.
P2004.075-025-12	75	25	M12	35	650	75.0
P2004.075-030-12	75	30	M12	37	350	75.0
P2004.075-040-12	75	40	M12	35	500	75.0
P2004.075-045-12	75	45	M12	35	-	-
P2004.075-050-12	75	50	M12	37	330	65.0
P2004.075-055-12	75	55	M12	35	450	60.0
P2004.080-030-14	80	30	M14	35	900	75.0
P2004.080-040-14	80	40	M14	35	600	50.0
P2004.080-050-14	80	50	M14	35	750	65.0
P2004.080-070-14	80	70	M14	35	-	-
P2004.080-080-14	80	80	M14	51	280	60.0
P2004.095-040-16	95	40	M16	45	1200	70
P2004.095-055-16	95	55	M16	45	1000	70
P2004.095-060-16	95	60	M16	45	800	70
P2004.095-075-16	95	75	M16	45	800	70
P2004.100-040-16	100	40	M16	45	1200	95
P2004.100-060-16	100	60	M16	45	1100	90
P2004.100-075-16	100	75	M16	45	1000	90
P2004.120-050-16	120	50	M16	45	1500	100
P2004.120-075-16	120	75	M16	45	1200	100
P2004.120-100-16	120	100	M16	45	1000	100
P2004.130-040-16	130	40	M16	45	1900	110
P2004.130-050-16	130	50	M16	45	1600	110
P2004.130-075-16	130	75	M16	45	1450	100
P2004.130-100-16	130	100	M16	45	1200	120
P2004.150-050-16	150	50	M16	50	1800	150
P2004.150-050-20	150	50	M20	50	1800	150
P2004.150-060-16	150	60	M16	50	2200	150
P2004.150-060-20	150	60	M20	50	2200	150
P2004.150-075-16	150	75	M16	50	2000	150
P2004.150-075-20	150	75	M20	50	2000	150
P2004.150-100-16	150	100	M16	50	1400	150
P2004.150-100-20	150	100	M20	50	1400	150
P2004.150-120-16	150	120	M16	50	1300	150
P2004.150-120-20	150	120	M20	50	1300	150
P2004.150-140-16	150	140	M16	50	1200	150
P2004.150-140-20	150	140	M20	50	1200	150

ANTI-VIBRATION COMPONENTS



P2005



Material

Rubber on stainless steel, A2 (rubber hardness - 55 Shore A).

Technical Notes

For rubber mounted on silver zinc plated

steel - see part no. P2004.

Tips

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

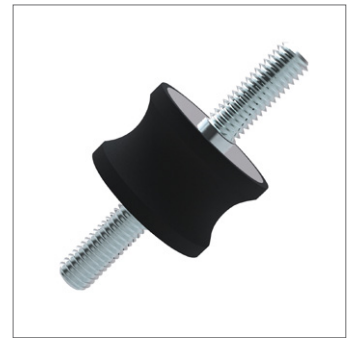
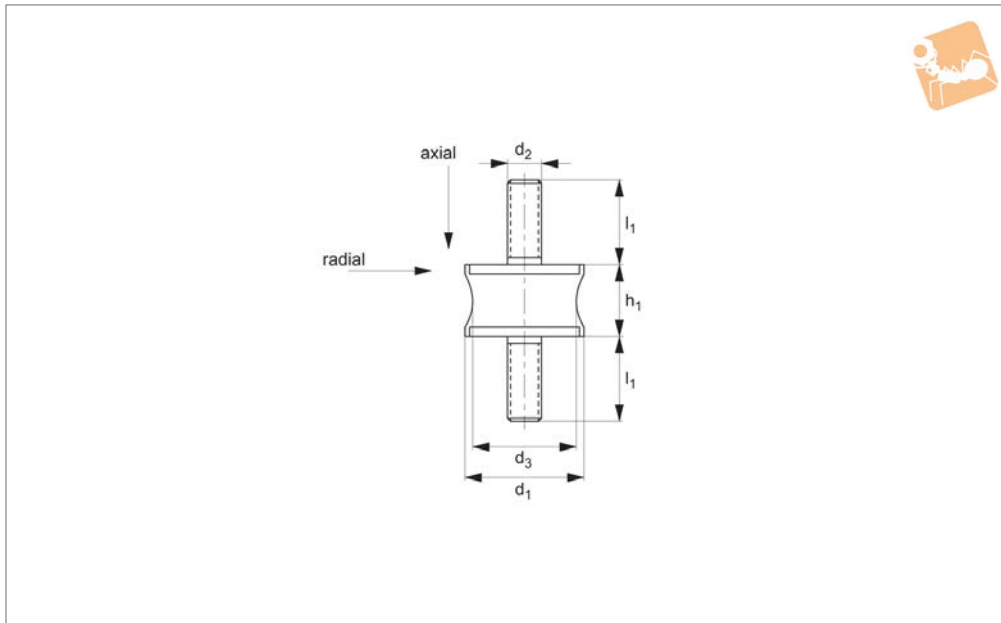
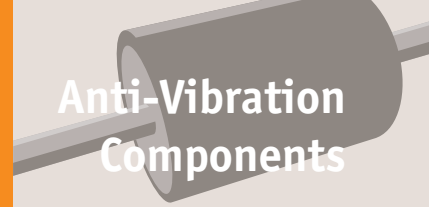
Typically used in machinery, compressors, air conditioning units, light engineering equipment etc.

Order No.	d ₁	h ₁	d ₂	l ₁	Compression max.	Axial load kgf max.	Radial load kgf max.
P2005.020-020	20	20	M 6	18	4	25	4.5
P2005.020-025	20	25	M 6	18	5	25	4.0
P2005.025-025	25	25	M 8	18	5	40	7.5
P2005.025-030	25	30	M 8	18	6	35	7.0
P2005.030-030	30	30	M 8	18	6	80	10.5
P2005.030-040	30	40	M 8	18	8	60	13.0
P2005.035-035	35	35	M 8	18	8	90	13.0
P2005.040-030	40	30	M10	27	8	150	21.0
P2005.040-040	40	40	M10	27	10	120	22.0
P2005.050-030	50	30	M10	27	8	250	29.0
P2005.050-040	50	40	M10	27	10	220	29.0
P2005.050-050	50	50	M10	27	12	200	29.0
P2005.060-045	60	45	M10	27	10	300	42.0
P2005.060-060	60	60	M10	27	12	250	44.0



Anti-vibration Cylinders Waisted male

Anti-Vibration Components



P2010

ANTI-VIBRATION COMPONENTS

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

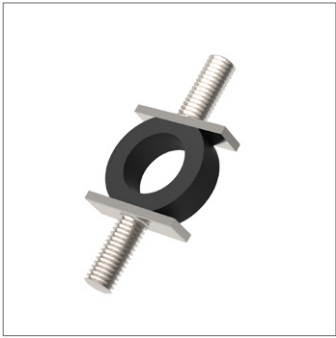
steel see part no. P2012 (female:female) or P2014 (male:female).

Tips

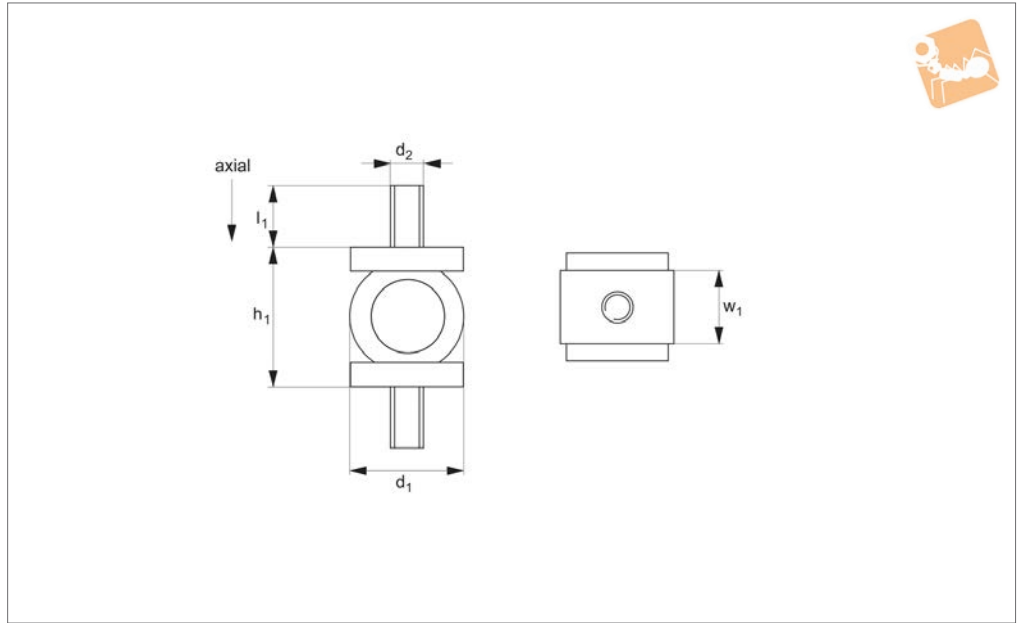
These cylinders are used to reduce vibration by allowing some movement (in axial and radial as shown in drawing).

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.
P2010.012-014	12	14	M 4	7	10	2.5	1.0
P2010.020-015	20	15	M 6	14	13-16	10	2.5
P2010.020-020	20	20	M 6	12	18	15	2.5
P2010.025-020	25	20	M 6	18	18	25	6.0
P2010.030-020	30	20	M 8	25	23	35	6.0
P2010.030-025	30	25	M 8	24	20	40	6.0
P2010.040-028	40	28	M10	22	25	60	12
P2010.045-050	45	50	M 8	25	23	60	-
P2010.050-030	50	30	M10	42	28	120	25
P2010.057-044	57	44	M 8	25	20	40	-
P2010.060-036	60	36	M10	37	30	90	-
P2010.060-043	60	43	M10	35	30	70	12
P2010.060-060	60	60	M10	51	30	150	30
P2010.070-056	70	56	M12	50	35	220	-
P2010.080-063	80	63	M14	70	350	-	-
P2010.080-070	80	70	M14	70	50	170	55
P2010.090-077	90	77	M16	79	45	500	-
P2010.095-076	95	76	M16	80	46	250	-
P2010.108-085	108	85	M16	95	45	800	-
P2010.130-096	130	96	M16	115	45	1400	-



P2017



Material

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

frequencies with low loads as little as 0.5 kg.

Tips

These mounts are not to be used for radial loads.

Technical Notes

The spherical mounts are designed for low

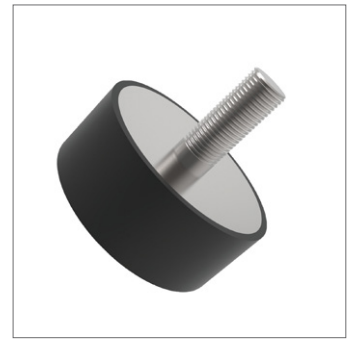
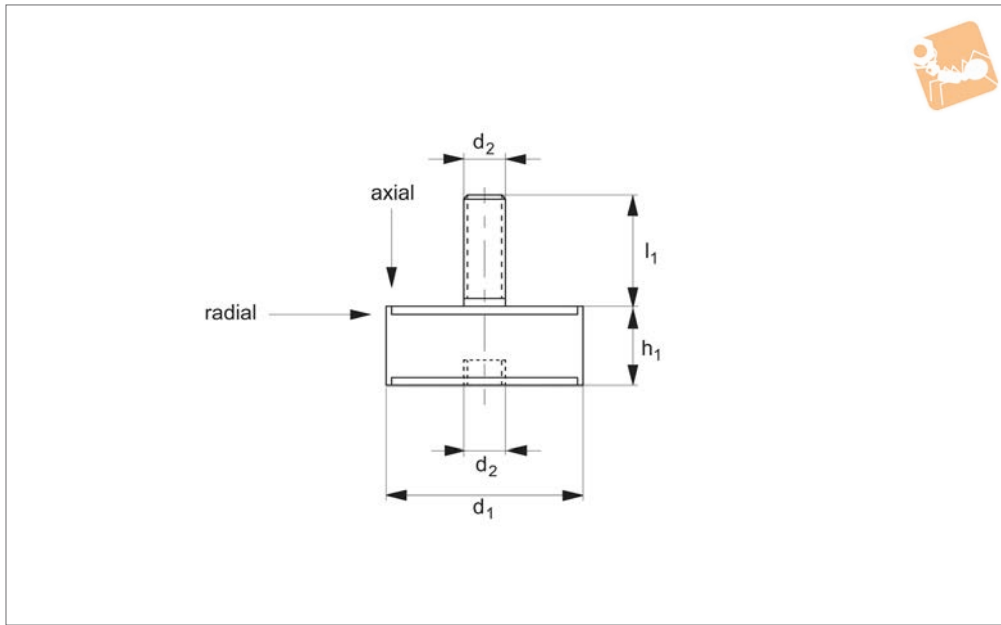
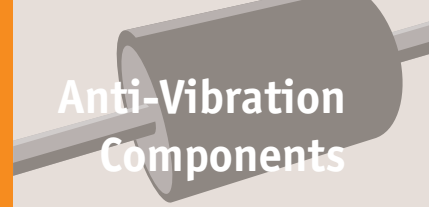
Order No.	d ₁	h ₁	d ₂	w ₁	l ₁	Compression max.	Axial load kgf max.
P2017.04-01	15	18	M4	14	8	5	1.25
P2017.04-03	15	18	M4	14	8	5	2.50
P2017.08-05	30	30	M8	30	20	11	3.50



Anti-vibration Cylinders

male:female

Anti-Vibration Components



P2006

ANTI-VIBRATION COMPONENTS

Material

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

(d_1) and relatively long length (h) cannot accept radial loads (as shown in table).

tion by allowing some movement (in axial and radial as shown).

Technical Notes

Load tolerance parts with small diameters

Tips

These cylinders are used to reduce vibra-

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

Order No.	d_1	h_1	d_2	l_1	Compression max.	Axial load kgf max.	Radial load kgf max.
P2006.015-022-04	15	22	M 4	14	4.5	10	2.5
P2006.008-008-03	8	8	M 3	10	1.5	3.5	-
P2006.010-010-04	10	10	M 4	10	2.0	10	1.2
P2006.012-031-05	12	31	M 5	20	3.5	6	1.3
P2006.015-008-04	15	8	M 4	10	-	-	-
P2006.015-008-05	15	8	M 5	12	-	-	-
P2006.015-010-04	15	10	M 4	10	-	-	-
P2006.015-010-05	15	10	M 5	12	-	-	-
P2006.015-015-04	15	15	M 4	10	3.0	13	2.0
P2006.015-015-05	15	15	M 5	12	-	-	-
P2006.015-020-04	15	20	M 4	10	4.0	10	2.0
P2006.015-020-05	15	20	M 5	12	-	-	-
P2006.015-025-04	15	25	M 4	10	5.0	9.5	2.0
P2006.015-025-05	15	25	M 5	12	-	-	-
P2006.020-010-06	20	10	M 6	13	-	-	-
P2006.020-015-06	20	15	M 6	13	3.0	25	5.0
P2006.020-020-06	20	20	M 6	18	4.0	25	4.0
P2006.020-025-06	20	25	M 6	18	5.0	25	4.0
P2006.020-030-06	20	30	M 6	18	7.0	25	3.0
P2006.020-035-06	20	35	M 6	16	8.0	18	2.0
P2006.025-010-06	25	10	M 6	16	-	-	-
P2006.025-010-08	25	10	M 8	20	-	-	-
P2006.025-015-06	25	15	M 6	16	3.0	50	8.0
P2006.025-015-08	25	15	M 8	16	3.0	50	8.0
P2006.025-020-06	25	20	M 6	16	4.0	50	8.0
P2006.025-020-08	25	20	M 8	16	4.0	50	8.0
P2006.025-022-06	25	22	M 6	16	-	-	-
P2006.025-022-08	25	22	M 8	20	-	-	-
P2006.025-025-06	25	25	M 6	18	5.0	40	7.0
P2006.025-025-08	25	25	M 8	18	5.0	40	7.0
P2006.025-030-06	25	30	M 6	16	6.0	40	7.0



Order No.	d ₁	h ₁	d ₂	l ₁	Compression max.	Axial load kgf max.	Radial load kgf max.
P2006.025-030-08	25	30	M 8	16	6.0	40	7.0
P2006.025-035-06	25	35	M 6	18	8.0	36	6.0
P2006.025-040-06	25	40	M 6	18	-	-	-
P2006.025-040-08	25	40	M 8	20	-	-	-
P2006.030-015-08	30	15	M 8	20	3.0	90	12.0
P2006.030-020-08	30	20	M 8	20	4.0	90	11.0
P2006.030-022-08	30	22	M 8	20	-	-	-
P2006.030-025-08	30	25	M 8	20	5.0	85	10.0
P2006.030-030-08	30	30	M 8	20	6.0	80	10.0
P2006.030-040-08	30	40	M 8	20	-	-	-
P2006.035-035-08	35	35	M 8	20	-	-	-
P2006.035-040-08	35	40	M 8	20	8.5	60	13.0
P2006.040-020-08	40	20	M 8	20	-	-	-
P2006.040-020-10	40	20	M10	25	-	-	-
P2006.040-025-08	40	25	M 8	20	-	-	-
P2006.040-025-10	40	25	M10	25	-	-	-
P2006.040-028-08	40	28	M 8	20	-	-	-
P2006.040-028-10	40	28	M10	25	-	-	-
P2006.040-030-08	40	30	M 8	20	8.0	150	21.0
P2006.040-030-10	40	30	M 10	25	8.0	150	21.0
P2006.040-035-08	40	35	M 8	20	-	-	-
P2006.040-035-10	40	35	M10	25	-	-	-
P2006.040-040-08	40	40	M 8	20	10.0	120	22.0
P2006.040-040-10	40	40	M 10	25	10.0	120	22.0
P2006.040-045-08	40	45	M 8	20	-	-	-
P2006.040-045-10	40	45	M 10	25	-	-	-
P2006.040-050-08	40	50	M 8	23	13.0	80	18.0
P2006.045-030-08	45	30	M 8	23	9.0	112	24.0
P2006.050-020-10	50	20	M10	25	8.0	250	29.0
P2006.050-025-10	50	25	M10	25	-	-	-
P2006.050-030-10	50	30	M10	25	8.0	250	29.0
P2006.050-035-10	50	35	M10	25	-	-	-
P2006.050-040-10	50	40	M10	25	10.0	220	29.0
P2006.050-045-10	50	45	M10	25	11.0	210	28.0
P2006.050-050-10	50	50	M10	25	12.0	200	28.0
P2006.050-055-10	50	55	M10	25	-	-	-
P2006.050-060-10	50	60	M10	28	13.5	110	28.0
P2006.060-025-10	60	25	M10	30	-	-	-
P2006.060-030-10	60	30	M10	28	6.0	200	37.0
P2006.060-035-10	60	35	M10	30	7.0	350	39.0
P2006.060-045-10	60	45	M10	30	10.0	300	42.0
P2006.060-050-10	60	50	M10	37	11.0	185	42.0
P2006.060-060-10	60	60	M10	30	-	-	-
P2006.070-035-10	70	35	M10	30	-	-	-
P2006.070-045-10	70	45	M10	35	8.5	270	55.0
P2006.070-050-10	70	50	M10	30	10.0	350	52.0
P2006.070-055-10	70	55	M10	35	10.5	240	49.0
P2006.070-070-10	70	70	M10	30	-	-	-
P2006.075-025-12	75	25	M12	35	5.0	350	75.0
P2006.075-030-12	75	30	M12	37	7.0	345	72.0
P2006.075-040-12	75	40	M12	35	9.0	500	65.0
P2006.075-045-12	75	45	M12	35	-	-	-
P2006.075-055-12	75	55	M12	35	13.0	450	65.0
P2006.080-030-14	80	30	M14	35	5.5	900	75.0
P2006.080-040-14	80	40	M14	35	9.0	600	72.0
P2006.080-050-14	80	50	M14	35	10.0	750	65.0
P2006.080-070-14	80	70	M14	35	15.0	550	65.0
P2006.095-040-14	95	40	M14	45	8.0	1200	70.0
P2006.095-055-14	95	55	M14	45	11.0	1000	70.0
P2006.095-060-16	95	60	M16	45	12.0	800	70.0
P2006.095-075-16	95	75	M16	45	13.0	700	70.0
P2006.100-040-16	100	40	M16	45	8.0	1200	95.0
P2006.100-060-16	100	60	M16	45	15.0	1100	90.0
P2006.100-075-16	100	75	M16	45	17.0	1000	80.0
P2006.120-050-16	120	50	M16	45	9.0	1500	100.0
P2006.120-075-16	120	75	M16	45	13.0	1500	100.0
P2006.120-100-16	120	100	M16	45	16.0	1000	100.0



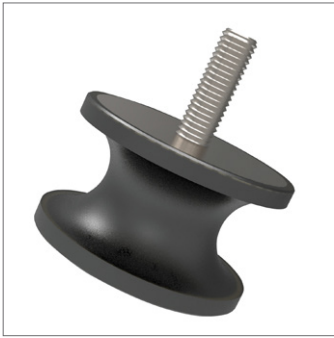
Anti-vibration Cylinders

male:female

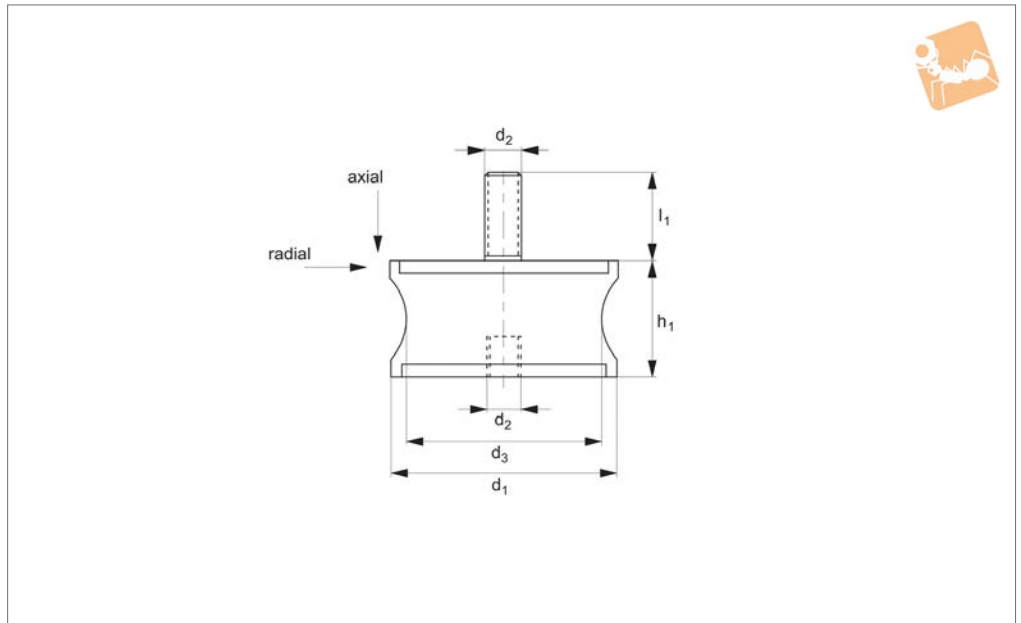
Anti-Vibration Components

Order No.	d ₁	h ₁	d ₂	l ₁	Compression max.	Axial load kgf max.	Radial load kgf max.
P2006.130-040-16	130	40	M16	45	16.0	1900	120.0
P2006.130-050-16	130	50	M16	45	9.0	1600	120.0
P2006.130-075-16	130	75	M16	45	13.0	1450	120.0
P2006.130-100-16	130	100	M16	45	16.0	1200	120.0
P2006.150-050-16	150	50	M16	25	9.0	1800	150.0
P2006.150-050-20	150	50	M20	20	9.0	1800	150.0
P2006.150-060-16	150	60	M16	25	14.0	1800	150.0
P2006.150-060-20	150	60	M20	20	14.0	1800	150.0
P2006.150-075-16	150	75	M16	25	16.0	2000	150.0
P2006.150-075-20	150	75	M20	20	16.0	2000	150.0
P2006.150-100-16	150	100	M16	25	16.0	1400	150.0
P2006.150-100-20	150	100	M20	20	16.0	1400	150.0
P2006.150-120-16	150	120	M16	25	16.0	1300	150.0
P2006.150-120-20	150	120	M20	20	16.0	1300	150.0
P2006.150-140-16	150	140	M16	25	16.0	1200	150.0
P2006.150-140-20	150	140	M20	20	16.0	1200	150.0

ANTI-VIBRATION COMPONENTS



P2014



Material

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

Tips

These cylinders are used to reduce vibra-

tion by allowing some movement (in axial and radial as shown).

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

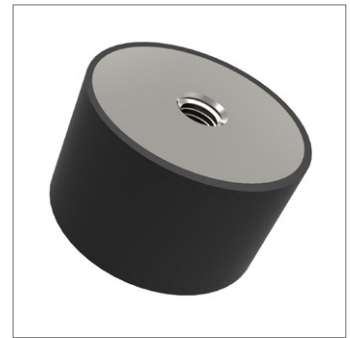
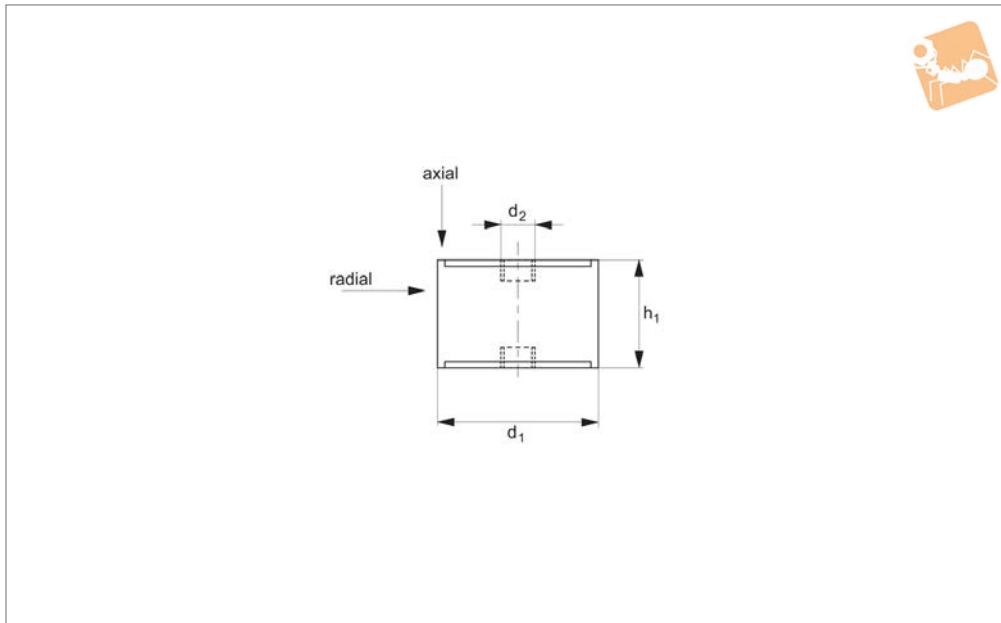
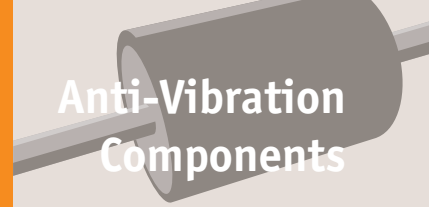
Order No.	d ₁	h ₁	d ₂	l ₁	d ₃	Compression max.	Axial load kgf max.	Radial load kgf max.
P2014.020-020	20	20	M 6	18	12	2.5	15	3.0
P2014.030-025	30	25	M 8	20	24	4	40	4.0
P2014.040-028	40	28	M10	25	22	5	60	2.5
P2014.060-036	60	36	M10	30	37	5	90	7.0
P2014.060-043	60	43	M10	30	35	4	70	12.0
P2014.060-060	60	60	M10	30	51	6	150	30.0
P2014.070-056	70	56	M12	35	50	6	220	45.0
P2014.080-065	80	65	M12	35	70	8	400	55.0
P2014.090-050	90	50	M12	45	80	4	800	65.0
P2014.130-096	130	96	M16	45	115	13	1400	70.0



Anti-vibration Cylinders

female:female

Anti-Vibration Components



P2008

ANTI-VIBRATION COMPONENTS

Material

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

Tips

These cylinders are used to reduce vibra-

tion by allowing some movement (in axial and radial as shown).

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

Order No.	Compression max.	d ₁	h ₁	d ₂	Axial load kgf max.	Radial load N max.
P2008.015-015	3.0	15	15	M 4	13	3
P2008.015-020	4.0	15	20	M 4	10	3
P2008.015-022	4.5	15	22	M 4	10	2.5
P2008.015-025	5.0	15	25	M 4	9	2
P2008.015-028	5.5	15	28	M 4	9	2
P2008.020-020	4.0	20	20	M 6	25	4
P2008.020-025	5.0	20	25	M 6	25	5
P2008.020-030	7.0	20	30	M 6	25	3
P2008.020-035	8.0	20	35	M 6	16	2
P2008.025-020	4.0	25	20	M 6	50	8
P2008.025-025	5.0	25	25	M 6	40	8
P2008.025-030	6.0	25	30	M 6	30	8
P2008.025-035	8.0	25	35	M 6	35	9
P2008.030-020	4.0	30	20	M 8	90	11
P2008.030-025	5.0	30	25	M 8	85	10
P2008.030-030	6.0	30	30	M 8	80	10
P2008.035-040	8.5	35	40	M 8	60	13
P2008.040-030	8.0	40	30	M 8	150	18
P2008.040-040	10.0	40	40	M 8	120	18
P2008.040-050	12.5	40	50	M 8	80	18
P2008.050-030	8.0	50	30	M10	250	29
P2008.050-040	10.0	50	40	M10	220	29
P2008.050-050	12.0	50	50	M10	200	28
P2008.060-035	7.0	60	35	M10	350	39
P2008.060-045	10.0	60	45	M10	300	42
P2008.060-050	11.0	60	50	M10	285	42
P2008.075-040	9.0	75	40	M12	500	72
P2008.070-050	10.0	70	50	M10	350	52
P2008.070-055	10.5	70	55	M10	230	52
P2008.075-050	11.5	75	50	M12	330	65
P2008.075-055	13.0	75	55	M12	450	65



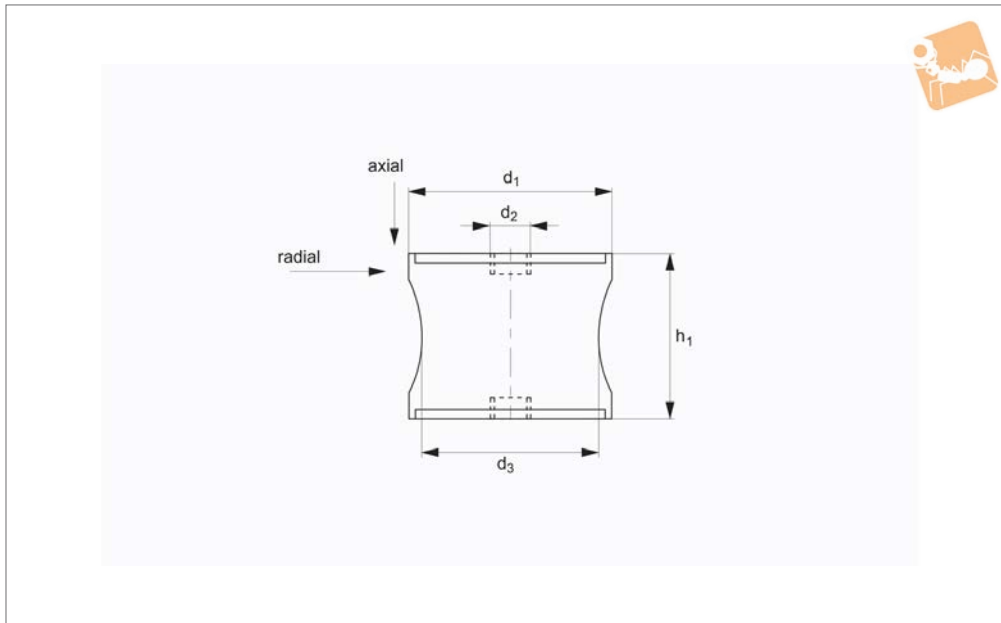
Order No.	Compression max.	d ₁	h ₁	d ₂	Axial load kgf max.	Radial load N max.
P2008.080-070	15.0	80	70	M14	550	65
P2008.100-040	8.0	100	40	M16	1200	95
P2008.100-055	16.0	100	55	M16	775	97
P2008.100-060	15.0	100	60	M16	1100	97
P2008.100-100	16.0	100	100	M16	500	80
P2008.130-040	6.0	130	40	M16	1900	120
P2008.130-060	11.0	130	60	M16	680	100



Anti-vibration Cylinders Waisted

stainless female:female

Anti-Vibration Components



P2013

ANTI-VIBRATION COMPONENTS

Material

Rubber on A2 stainless steel (rubber hardness - 55 Shore A).

Tips

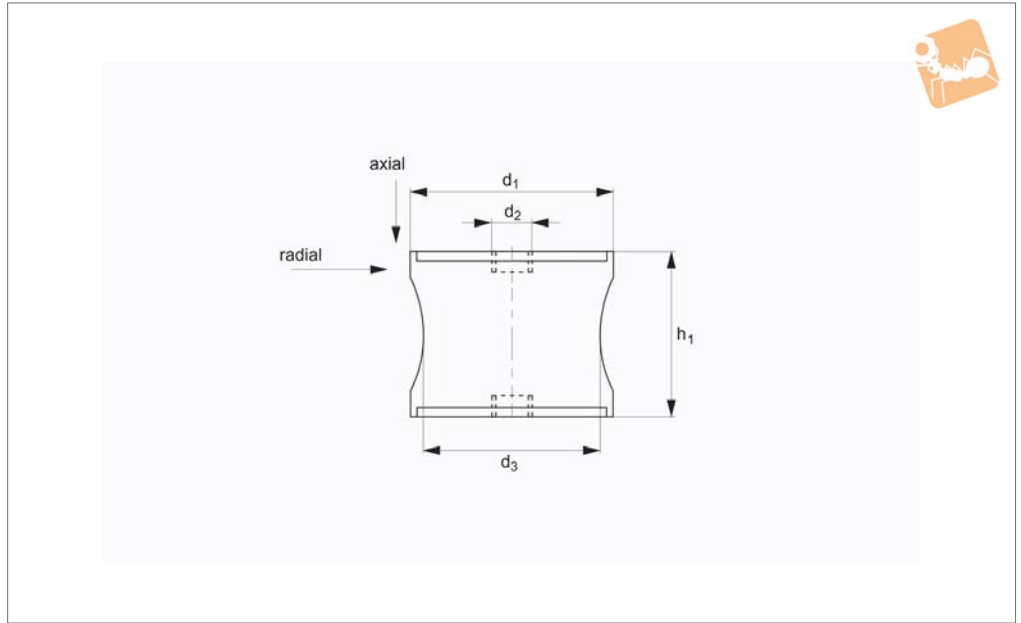
These cylinders are used to reduce vibration by allowing some movement (in axial and shear as shown in drawing).

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

Order No.	Compression max.	d_1	h_1	d_2	d_3	Axial load kgf max.	Radial load N max.
P2013.060-036	5	60	36	M10	37	90	7
P2013.060-060	6	60	60	M10	51	150	30
P2013.070-056	6	70	56	M12	50	220	45
P2013.090-077	7	90	77	M12	79	500	70
P2013.108-085	10	108	85	M16	95	800	75



P2012



Material

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

Technical Notes

For rubber mounted on stainless steel see

part no. P2013

Tips

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

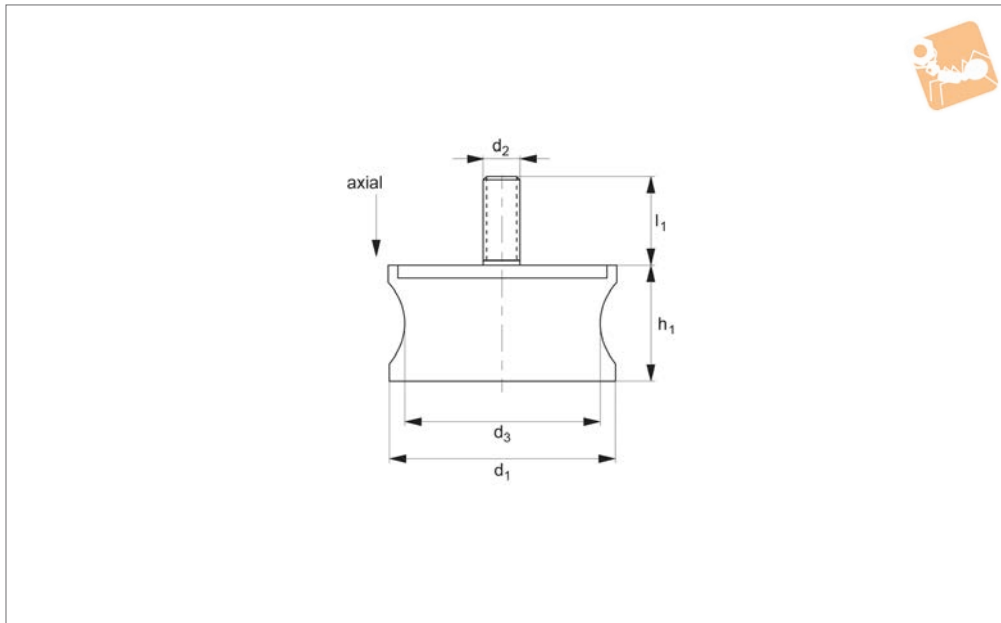
Typically used in machinery, compressors, air conditioning units, light engineering equipment etc.

Order No.	Compression max.	d ₁	h ₁	d ₂	d ₃	Axial load kgf max.	Radial load kgf max.
P2012.020-020	2.5	20	20	M 6	12	12	3.0
P2012.030-025	4	30	25	M 8	24	40	4.0
P2012.040-028	5	40	28	M10	22	30	2.5
P2012.060-036	5	60	36	M10	37	40	7.0
P2012.060-043	4	60	43	M10	35	75	12
P2012.060-060	6	60	60	M10	51	150	30
P2012.070-056	6	70	56	M12	50	220	45
P2012.080-065	8	80	65	M12	70	400	55
P2012.090-050	4	90	50	M12	80	800	65
P2012.095-076	9.5	95	76	M12	80	400	70
P2012.090-077	7	90	77	M12	79	500	70
P2012.108-085	10	108	85	M16	95	800	75
P2012.130-096	13	130	96	M16	115	1.400	70



Anti-vibration Cylinders Waisted male feet

Anti-Vibration Components



P2016

ANTI-VIBRATION COMPONENTS

Material

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

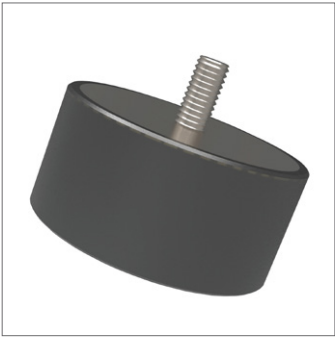
Tips

These cylinders are used to reduce vibra-

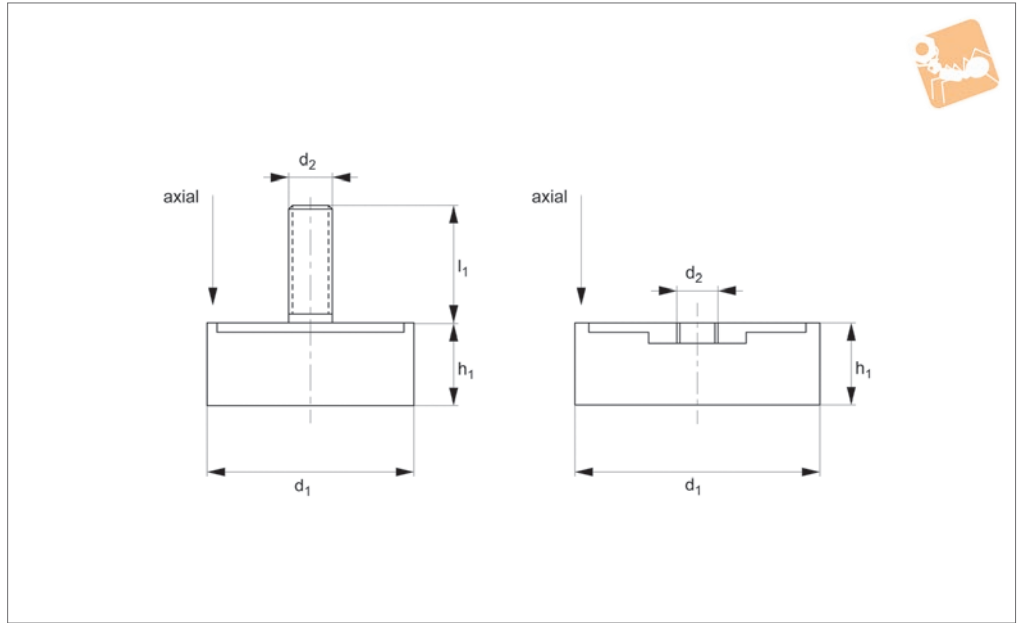
tion by allowing some movement (in axial and radial as shown in drawing).

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

Order No.	d_1	h_1	d_2	d_3	l_1	Compression max.	Axial load kgf max.
P2016.020-020	20	20	M 6	12	18	2.5	15
P2016.030-025	30	25	M 8	24	20	4	40
P2016.040-028	40	28	M10	22	25	5	60
P2016.060-036	60	36	M10	37	30	5	90
P2016.060-043	60	43	M10	35	30	4	70
P2016.060-060	60	60	M10	51	30	6	150
P2016.070-056	70	56	M12	50	35	6	220
P2016.080-065	80	65	M12	70	35	8	400
P2016.090-050	90	50	M12	80	45	4	800
P2016.095-076	95	76	M16	80	45	9.5	400
P2016.090-077	90	77	M12	79	45	7	500
P2016.108-085	108	85	M16	95	45	10	800
P2016.130-096	130	96	M16	115	45	13	1400



P2019



Material
Sorbothane on zinc plated steel.

control in more demanding electronic environments.

small pumps and lightweight electronic 'boxes'.

Technical Notes
These cylinders provide high performance damping, isolation and shock motion

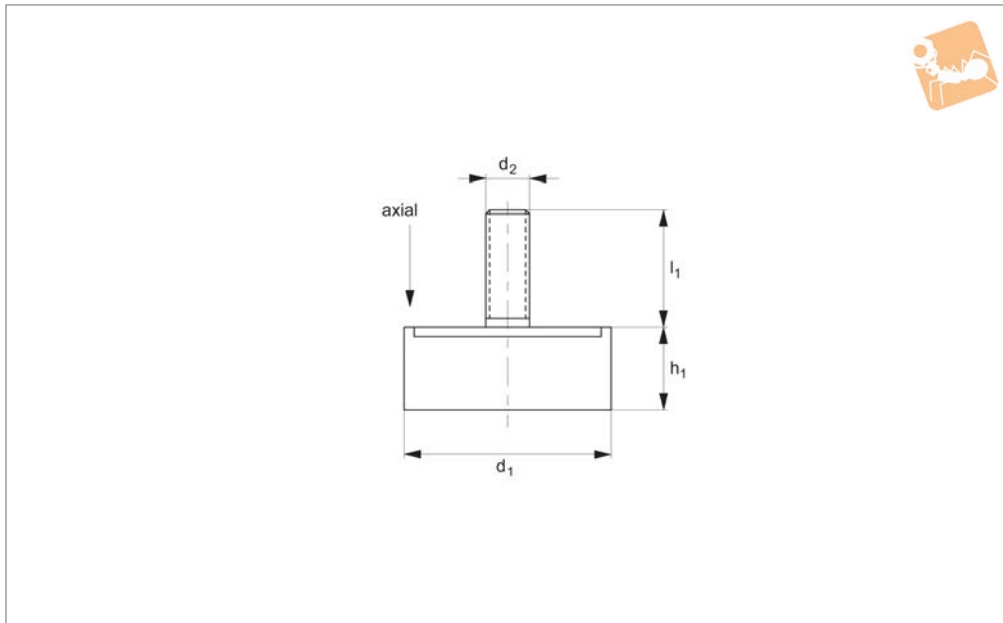
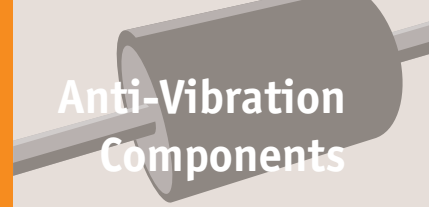
Tips
They are commonly used for larger PCBs, disk drives, optical drives, small motors,

Order No.	Type	d ₁	h ₁	d ₂	l ₁	Axial load kgf max.
P2019.038-025	male	38.1	25.4	M 6	12.7	7-14
P2019.045-021	male	44.5	21.6	M 6	12.7	45-100
P2019.538-025	female	38.1	25.4	M 6	-	11-18
P2019.545-021	female	44.5	21.6	M 6	-	35-75



Anti-vibration Feet male

Anti-Vibration Components



P2020

ANTI-VIBRATION COMPONENTS

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.
P2020.009-012	9	12	M 4	14	2.0	6
P2020.015-010	15	10	M 4	14	1.5	13
P2020.015-015	15	15	M 4	14	3.0	13
P2020.015-020	15	20	M 4	14	4.0	10
P2020.015-025	15	25	M 4	14	5.0	9
P2020.020-010	20	10	M 6	13	2.0	30
P2020.020-020	20	20	M 6	13	4.0	25
P2020.025-010	25	10	M 6	18	1.5	50
P2020.025-013	25	13	M 6	18	3.0	46
P2020.025-015	25	15	M 6	18	3.0	44
P2020.025-017	25	17	M 6	18	3.0	42
P2020.025-020	25	20	M 6	18	4.0	41
P2020.025-025	25	25	M 6	18	5.0	40
P2020.025-030	25	30	M 6	18	6.0	35
P2020.030-012	30	12	M 8	23	2.0	58
P2020.030-015	30	15	M 8	20	3.0	58
P2020.030-020	30	20	M 8	20	4.0	55
P2020.030-025	30	25	M 8	20	5.0	50
P2020.030-030	30	30	M 8	20	6.0	47
P2020.035-011	35	11.5	M10	48	3.0	80
P2020.035-040	35	40	M 8	23	8.0	68
P2020.040-012	40	12	M 8	23	3.0	120
P2020.040-020	40	20	M 8	23	4.0	117
P2020.040-025	40	25	M 8	20	6.0	117
P2020.040-030	40	30	M 8	20	8.0	100
P2020.040-040	40	40	M 8	20	10.0	85
P2020.040-045	40	45	M 8	20	12.0	85
P2020.045-030	45	30	M 8	23	8.0	110
P2020.045-050	45	50	M 8	35	12.0	85
P2020.050-010	50	10	M10	28	2.0	230
P2020.050-020	50	20	M10	25	4.0	250
P2020.050-025	50	25	M10	25	5.5	250
P2020.050-030	50	30	M10	25	8.0	150
P2020.050-035	50	35	M10	25	9.0	230

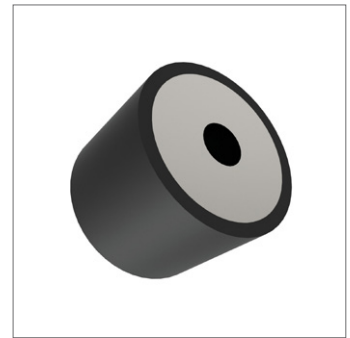
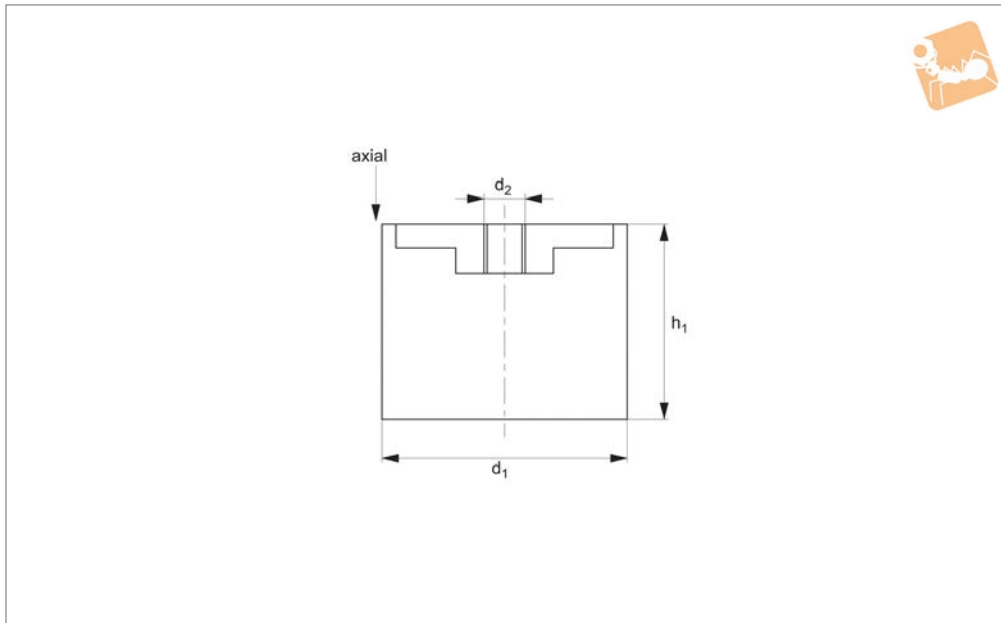


Order No.	d ₁	h ₁	d ₂	l ₁	Compression max.	Axial load kgf max.
P2020.050-045	50	45	M10	25	11.0	130
P2020.050-050	50	50	M10	25	12.0	125
P2020.050-060	50	60	M10	28	14.0	110
P2020.060-020	60	20	M10	28	4.0	280
P2020.060-030	60	30	M10	28	8.0	280
P2020.060-045	60	45	M10	30	10.0	190
P2020.060-050	60	50	M12	37	11.0	185
P2020.060-060	60	60	M10	30	12.0	185
P2020.070-045	70	45	M12	35	9.0	270
P2020.070-050	70	50	M12	35	10.0	250
P2020.070-055	70	55	M12	35	12.0	240
P2020.070-070	70	70	M10	30	13.0	300
P2020.075-025	75	25	M12	35	5.0	295
P2020.075-030	75	30	M12	37	8.0	320
P2020.075-040	75	40	M12	35	9.0	320
P2020.075-045	75	45	M12	35	10.0	500
P2020.075-055	75	55	M12	35	13.0	450
P2020.080-030	80	30	M14	35	5.5	900
P2020.080-040	80	40	M14	35	9.0	600
P2020.080-050	80	50	M14	35	10.0	750
P2020.080-070	80	70	M14	35	15.0	550
P2020.100-100	100	100	M16	56	19.0	500
P2020.110-124	110	124	M12	37	19.0	550
P2020.130-040	130	40	M16	45	6.0	550
P2020.130-050	130	50	M16	45	9.0	550
P2020.130-060	130	60	M16	56	14.0	680
P2020.130-075	130	75	M16	45	13.0	1450
P2020.130-100	130	100	M16	45	16.0	1200
P2020.150-050	150	50	M20	20	9.0	1800
P2020.150-060	150	60	M20	20	14.0	2200
P2020.150-075	150	75	M20	20	16.0	2000
P2020.150-100	150	100	M20	20	16.0	1400
P2020.150-120	150	120	M20	20	16.0	1300
P2020.150-140	150	140	M20	20	16.0	1200
P2020.095-040	95	40	M16	45	8.0	1200
P2020.095-055	95	55	M16	45	11.0	1000
P2020.095-060	95	60	M16	45	12.0	800
P2020.095-075	95	75	M16	45	13.0	700
P2020.100-040	100	40	M16	45	8.0	660
P2020.100-050	100	50	M16	56	10.0	550
P2020.100-055	100	55	M16	56	11.0	520
P2020.080-080	80	80	M14	50	18.0	370
P2020.100-060	100	60	M16	45	15.0	515



Anti-vibration Feet female

Anti-Vibration Components



P2021

ANTI-VIBRATION COMPONENTS

Material

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

Tips

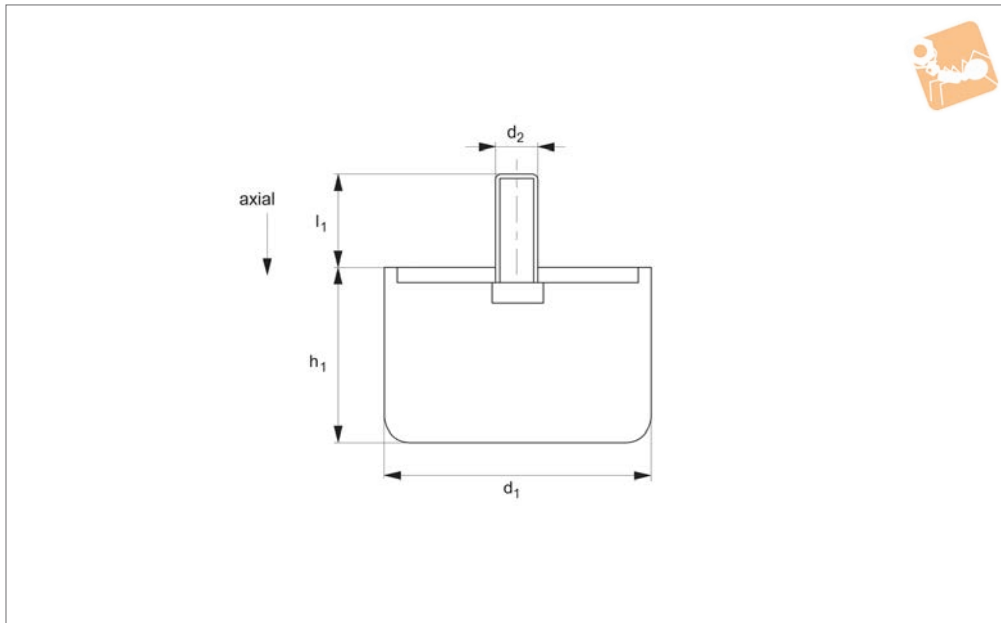
These feet or bumpers reduce shock and vibration.

Used widely as shock absorbers and feet for machine elements.

Order No.	d ₁	h ₁	d ₂	Compression max.	Axial load kgf max.
P2021.010-010	10	10	M 4	2	10
P2021.010-015	10	15	M 4	3	8
P2021.013-010	13	10	M 5	1.5	12
P2021.013-015	13	15	M 5	3	10
P2021.013-020	13	20	M 5	3.5	20
P2021.016-008	16	8	M 5	1.5	15
P2021.016-010	16	10	M 5	1.5	20
P2021.016-015	16	15	M 5	3	20
P2021.016-020	16	20	M 5	4	20
P2021.016-025	16	25	M 5	5	15
P2021.020-010	20	10	M 6	2	30
P2021.020-015	20	15	M 6	3	25
P2021.020-020	20	20	M 6	4	25
P2021.020-025	20	25	M 6	5	25
P2021.020-030	20	30	M 6	7	25
P2021.025-010	25	10	M 6	1.5	50
P2021.025-015	25	15	M 6	3	50
P2021.025-020	25	20	M 6	4	50
P2021.025-022	25	22	M 6	4	45
P2021.025-025	25	25	M 6	5	40
P2021.025-030	25	30	M 6	6	35
P2021.030-010	30	10	M 8	2	90
P2021.030-015	30	15	M 8	3	90
P2021.030-020	30	20	M 8	4	90
P2021.030-022	30	22	M 8	4	90
P2021.030-025	30	25	M 8	5	85
P2021.030-030	30	30	M 8	6	80
P2021.030-040	30	40	M 8	8	60
P2021.035-035	35	35	M 8	8	90
P2021.040-020	40	20	M 8	4	160
P2021.040-025	40	25	M 8	6	155
P2021.040-028	40	28	M 8	6	150
P2021.040-030	40	30	M 8	8	150
P2021.040-035	40	35	M 8	8	120



Order No.	d ₁	h ₁	d ₂	Compression max.	Axial load kgf max.
P2021.040-040	40	40	M 8	10	120
P2021.040-040-10	40	40	M10	10	120
P2021.040-045	40	45	M 8	12	110
P2021.050-040	50	40	M10	10	220
P2021.050-045	50	45	M10	11	210
P2021.050-050	50	50	M10	12	200
P2021.050-055	50	55	M10	13	200
P2021.100-060	100	60	M16	15	1100
P2021.100-075	100	75	M16	17	1000
P2021.120-050	120	50	M16	9	1500
P2021.120-075	120	75	M16	13	1200
P2021.120-100	120	100	M16	16	1000
P2021.130-040	130	40	M16	6	1900
P2021.130-050	130	50	M16	9	1600
P2021.130-075	130	75	M16	13	1450
P2021.130-100	130	100	M16	16	1200
P2021.150-040	150	40	M20	9	1800
P2021.150-060	150	60	M20	14	2200
P2021.150-075	150	75	M20	16	2000
P2021.150-100	150	100	M20	16	1400
P2021.150-120	150	120	M20	16	1300
P2021.150-140	150	140	M20	16	1200
P2021.050-020	50	20	M10	4	250
P2021.050-025	50	25	M10	5.5	250
P2021.050-030	50	30	M10	8	250
P2021.050-035	50	35	M10	9	230
P2021.075-045	75	45	M12	10	500
P2021.060-045	60	45	M10	10	300
P2021.080-050	80	50	M14	10	750
P2021.070-070	70	70	M10	13	300
P2021.075-055	75	55	M12	13	450
P2021.080-070	80	70	M14	15	550
P2021.095-040	95	40	M16	8	1200
P2021.095-055	95	55	M16	11	1000
P2021.095-060	95	60	M16	12	800
P2021.095-075	95	75	M16	13	700
P2021.060-060	60	60	M10	12	250
P2021.070-035	70	35	M10	7	450
P2021.075-025	75	25	M12	5	650
P2021.060-025	60	25	M10	5	400
P2021.060-035	60	35	M10	7	350
P2021.080-030	80	30	M14	5.5	900
P2021.080-040	80	40	M14	9	600
P2021.075-040	75	40	M12	9	500
P2021.100-040	100	40	M16	8	1200
P2021.070-050	70	50	M10	10	350



P2022

ANTI-VIBRATION COMPONENTS

Material

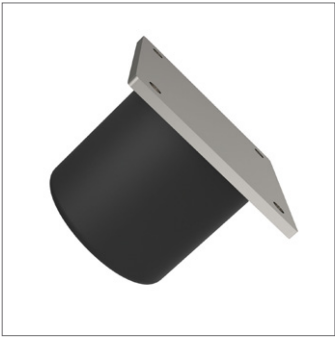
Rubber on silver zinc plated steel (rubber hardness - 55 Shore A).

Tips

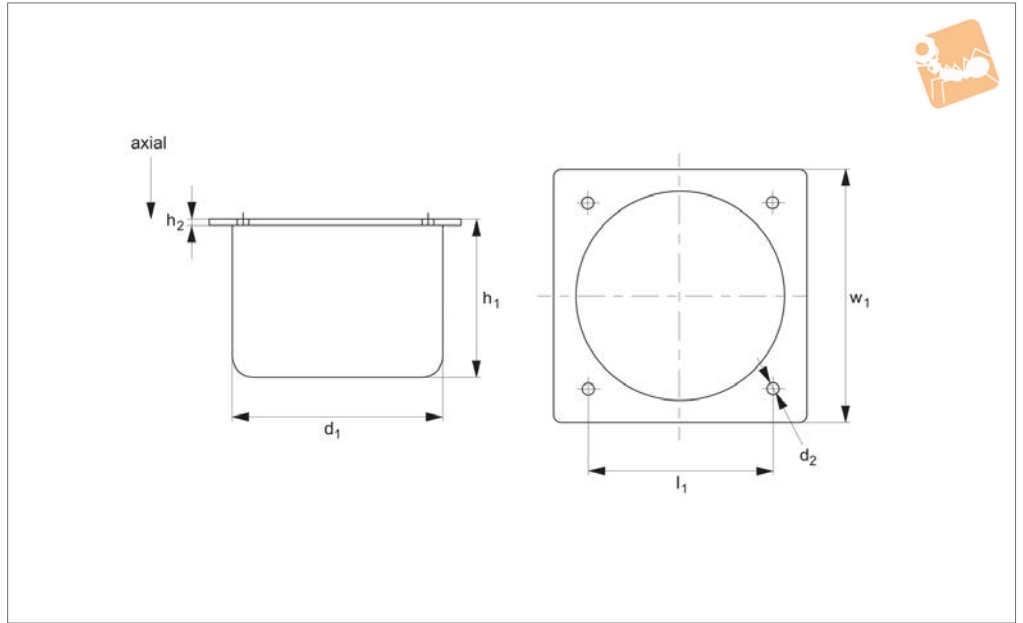
These anti-vibration bumpers are used to reduce vibration and shock. Their cylindrical shape ensures that when used in a

row, the buffers spread the loads over a number of buffers - reducing the chances of possible overloading.

Order No.	d ₁	h ₁	d ₂	l ₁	Compression max.	Axial load kgf max.
P2022.040-032	40	32	M 8	30	14	850
P2022.050-040	50	40	M10	25	17	1270
P2022.063-050	63	50	M10	25	20	1950
P2022.080-063	80	63	M12	24	25	3250
P2022.100-080	100	80	M12	27	30	4900
P2022.125-100	125	100	M16	45	40	7800
P2022.150-125	150	125	M16	45	52	12300
P2022.160-125	160	125	M16	45	52	12300
P2022.200-160	200	160	M20	49	65	19100
P2022.250-200	250	200	M20	49	80	30500



P2023



Material

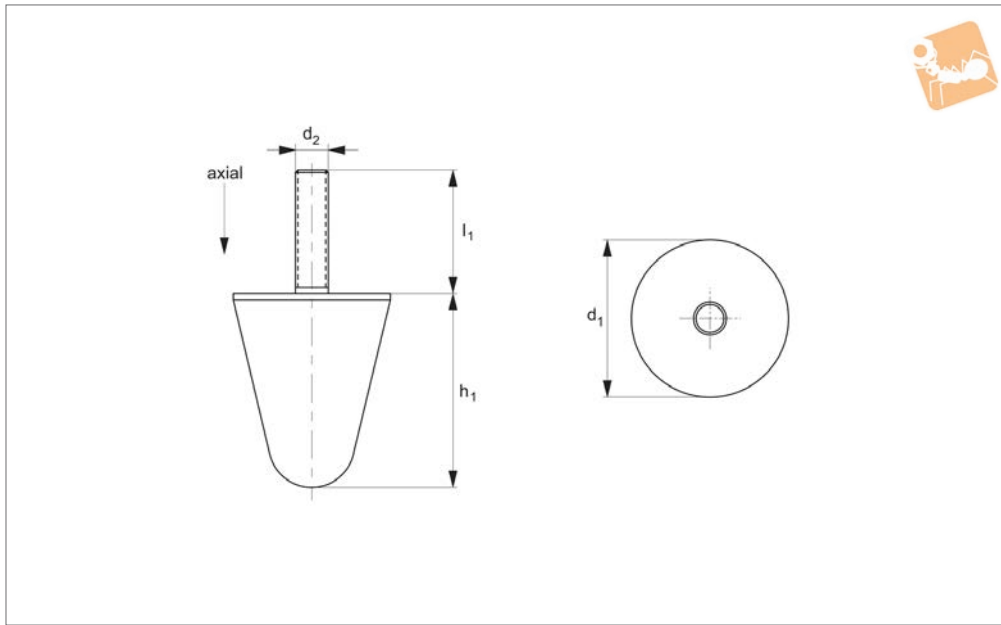
Rubber on silver zinc plated steel (rubber hardness - 55 Shore A).

Tips

These anti-vibration bumpers are used to reduce vibration and shock. Their cylindrical shape ensures that, when used in a

row, the buffers spread loads over a number of buffers - reducing the chances of possible overloading.

Order No.	d_1	h_1	d_2	l_1	w_1	h_2	Axial load kgf max.	Momentum kg·m/s	Deflection m/m max.
P2023.040-032	40	32	5.5	40	50	3	850	5	14
P2023.050-040	50	40	6.5	50	63	4	1270	10	17
P2023.063-050	63	50	6.5	63	80	6	1950	20	20
P2023.080-063	80	63	9.0	80	100	6	3250	40	25
P2023.100-080	100	80	9.0	100	125	8	4900	80	30
P2023.125-100	125	100	11.0	125	160	8	7800	160	40
P2023.160-125	160	125	11.0	160	200	10	15000	320	50
P2023.200-160	200	160	13.0	200	250	10	19100	630	65
P2023.250-200	250	200	13.0	250	315	12	30500	1250	80



P2024

ANTI-VIBRATION COMPONENTS

Material

Rubber on silver zinc plated steel (rubber hardness - 65 Shore A).

Tips

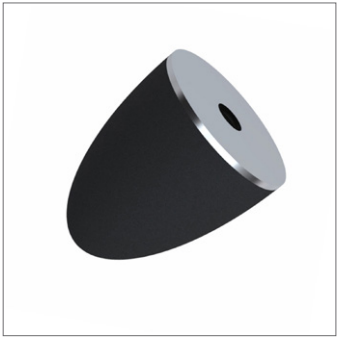
These anti-vibration cones or bumpers are

used to reduce vibration and shock. Their conical shape ensures that, when used in a row, the buffers spread loads over a number of cones - reducing the chances of possible overloading.

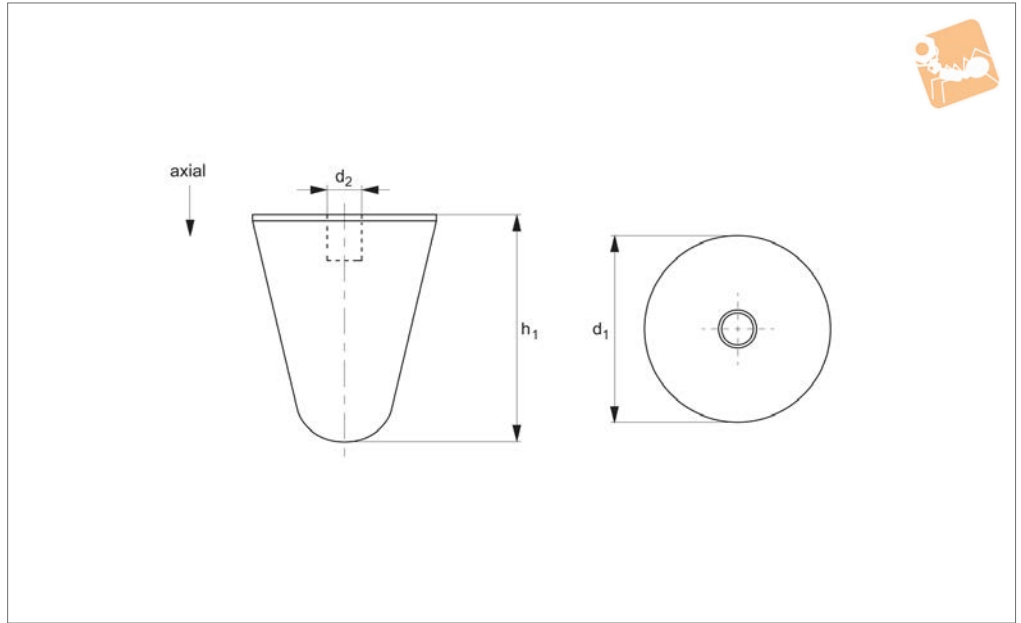
Important Notes

The working load should not exceed 65% of the maximum load.

Order No.	d ₁	h ₁	d ₂	l ₁	Axial load kgf max.
P2024.020-020	20	20	M 6	18	70
P2024.025-020	25	20	M 8	20	100
P2024.030-030	30	30	M 6	17	150
P2024.030-031	30	30	M 8	20	150
P2024.040-030	40	30	M 8	23	240
P2024.040-050	40	50	M 8	23	200
P2024.050-048	50	48	M10	25	380
P2024.050-058	50	58	M 8	20	400
P2024.050-064	50	64	M 8	35	370
P2024.063-060	63	60	M12	37	440
P2024.075-090	75	90	M12	37	520
P2024.090-074	90	74	M16	45	1100
P2024.095-082	95	82	M16	45	1100



P2025



Material

Rubber on silver zinc plated steel (rubber hardness - 65 Shore A).

Tips

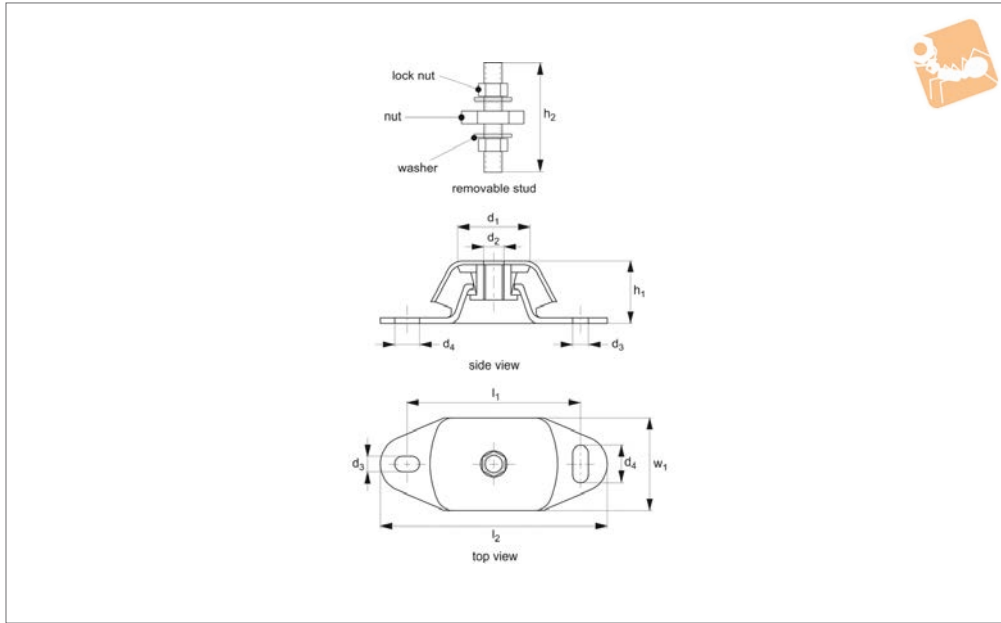
These anti-vibration cones or bumpers are

used to reduce vibration and shock. Their conical shape ensures that when used in a row, the buffers spread loads over a number of cones - reducing the chances of possible overloading.

Important Notes

The working load should not exceed 65% of the maximum load.

Order No.	d ₁	h ₁	d ₂	Axial load kgf max.
P2025.020-020	20	20	M 6	70
P2025.025-020	25	20	M 8	100
P2025.030-030	30	30	M 6	150
P2025.050-048	50	48	M10	380
P2025.070-060	70	60	M12	550
P2025.090-074	90	74	M16	1100
P2025.095-082	95	82	M16	1100



P2100.AV

ANTI-VIBRATION COMPONENTS

Material

Rubber on silver zinc plated steel (rubber hardness - 45-75 Shore A).

Technical Notes

These mounts control vibration in three axes.

Primarily used for marine applications, engines, compressors, pumps, generators

etc.
Fitted with a mechanical fail-safe stop. They are very robust to cope with high start/stop forces and vibrations from marine and other engines.

For stainless steel versions please see part nos. P2101 and P2102. Stud and nuts on

request.

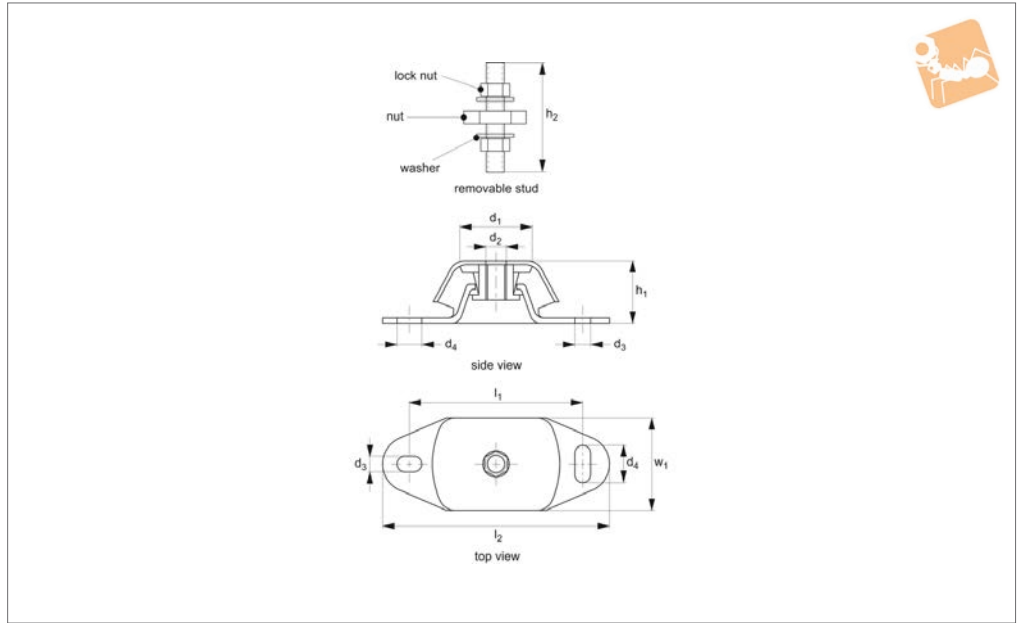
Tips

These are a very popular anti-vibration mount for light to heavy duty applications. Take the total weight of the load to be supported, divide it by the number of mounts to be used and select an appropriate mount from the table.

Order No.	d ₁	d ₂	l ₁	l ₂	w ₁	d ₃	d ₄	h ₁	h ₂	Load kg max.
P2100.060-045	60	M12	100	120	60	11	14	40	95	50
P2100.060-055	60	M12	100	120	60	11	14	40	95	65
P2100.060-065	60	M12	100	120	60	11	14	40	95	100
P2100.075-045	75	M16	140	183	75	13	20	50	110	150
P2100.075-055	75	M16	140	183	75	13	20	50	110	200
P2100.075-065	75	M16	140	183	75	13	20	50	110	300
P2100.075-075	75	M16	140	183	75	13	20	50	110	550
P2100.080-065	80	M20	182	230	112	18	25	70	110	750



P2101



Material

Stainless steel (AISI 304), (rubber hardness 45-65 Shore A).

Technical Notes

These mounts control vibration in three axes.

Primarily used for marine applications, engines, compressors, pumps, generators etc.

Fitted with a mechanical fail-safe stop. They are very robust to cope with high start/stop forces and vibrations from marine and other engines.

The stainless steel versions are widely used for marine engine mounts or outdoor applications. For offshore or highly corrosive environments use part no. P2102.

Stud and nuts on request.

Tips

These are a very popular anti-vibration mount for light to heavy duty applications. Take the total weight of the load to be supported, divide it by the number of mounts to be used and select an appropriate mount from the table.

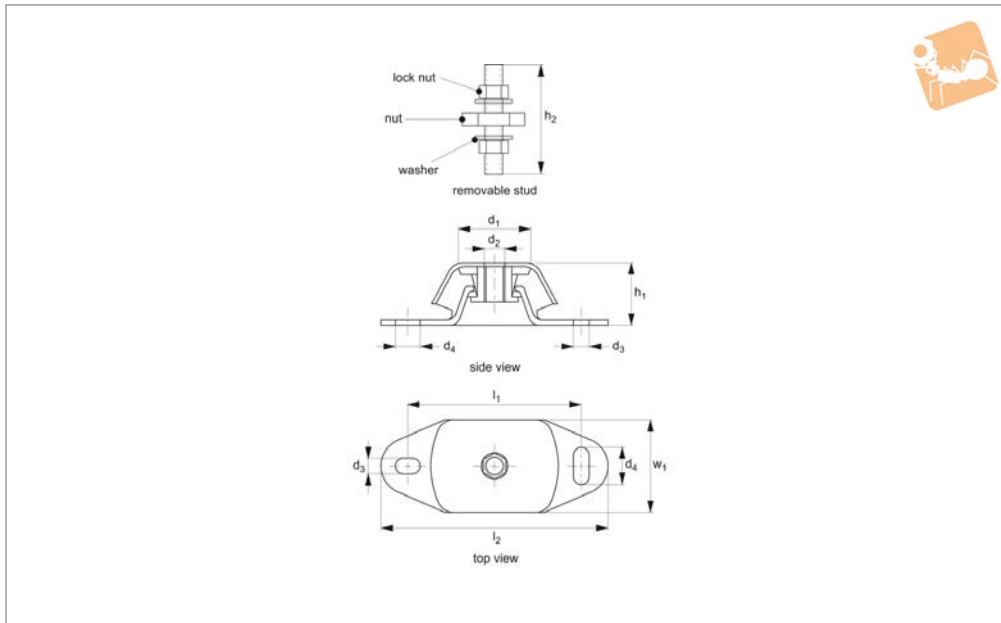
Order No.	d ₁	d ₂	l ₁	l ₂	w ₁	d ₃	d ₄	h ₁	h ₂	Load kg max.
P2101.60-65	60	M12	100	120	60	11	14	40	95	100
P2101.75-65	75	M16	140	183	75	13	20	50	110	300
P2101.60-45	60	M12	100	120	60	11	14	40	95	50
P2101.60-55	60	M12	100	120	60	11	14	40	95	65
P2101.75-45	75	M16	140	183	75	13	20	50	110	150
P2101.75-55	75	M16	140	183	75	13	20	50	110	200



Anti-vibration Fail-Safe Mounts

316 stainless

Anti-Vibration Components



P2102

ANTI-VIBRATION COMPONENTS

Material

Stainless steel (A4, 316). Rubber hardness 65-75 Shore A.

Technical Notes

These mounts control vibration in three axes. Primarily used for marine applications, engines, compressors, pumps, generators etc.

Fitted with a mechanical fail-safe stop. They are very robust to cope with high start/stop forces and vibrations from marine and other engines.

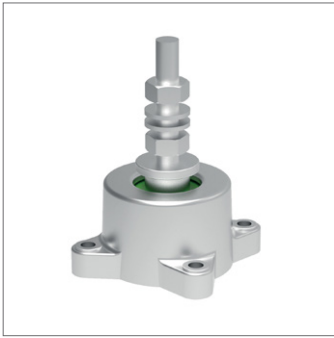
These stainless steel versions are widely used for marine engine mounts or applications that are either offshore or have a very high corrosion level. Stud and nuts on

request.

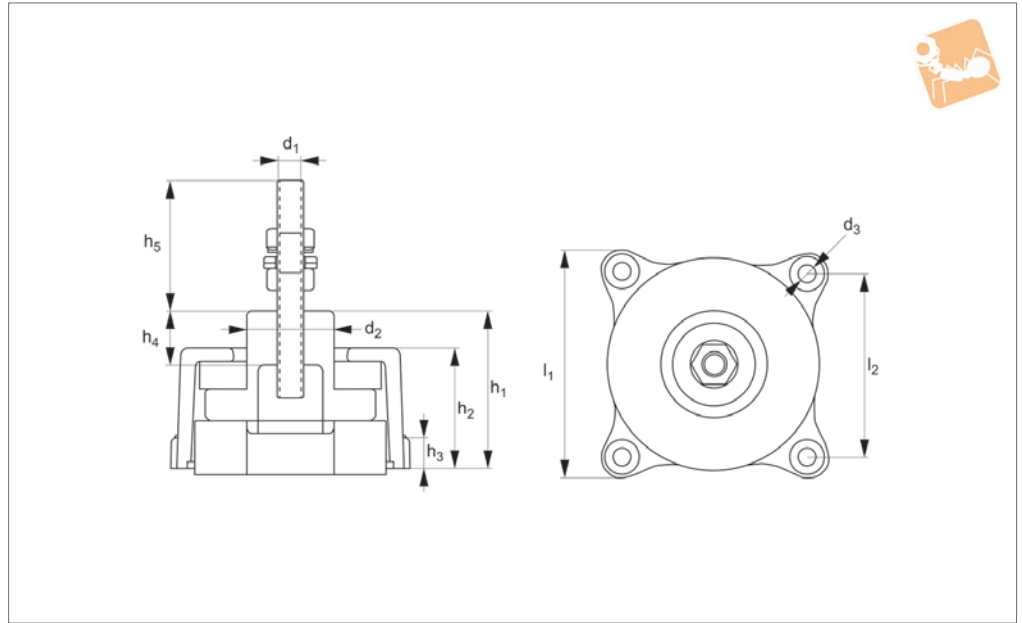
Tips

These are a very popular anti-vibration mount for light to heavy duty applications. Take the total weight of the load to be supported, divide it by the number of mounts to be used and select an appropriate mount from the table.

Order No.	d ₁	d ₂	l ₁	l ₂	w ₁	d ₃	d ₄	h ₁	h ₂	Load kg max.
P2102.60-65	60	M12	100	120	60	11	14	40	95	100
P2102.75-75	75	M16	140	183	75	13	20	50	110	550



P2110



Material

Aluminium body with anti-corrosion coating, zinc plated steel thread. Polyurethane compound, (Sylomer), resistant to oil.

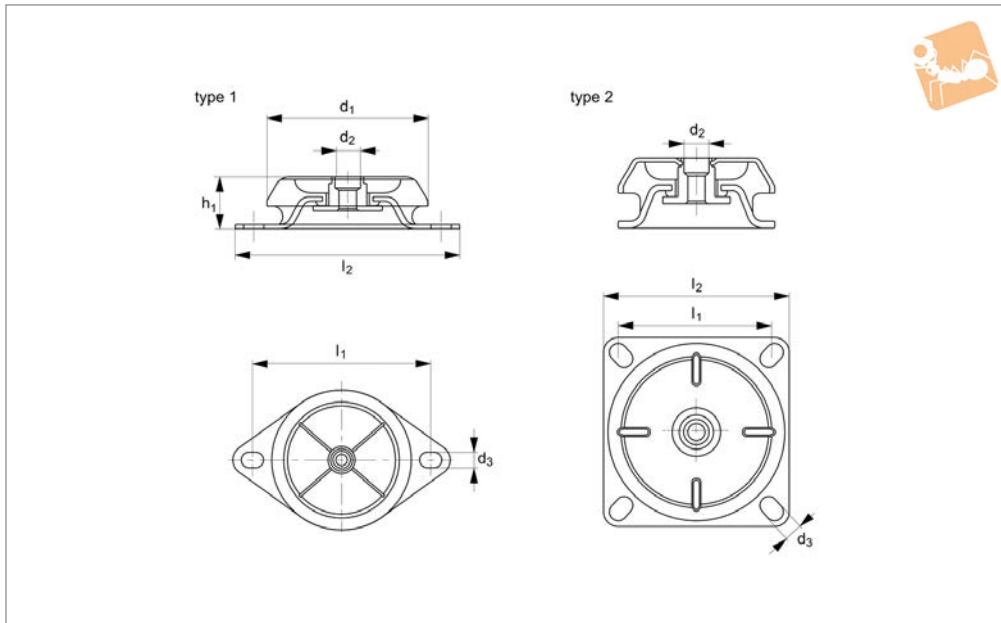
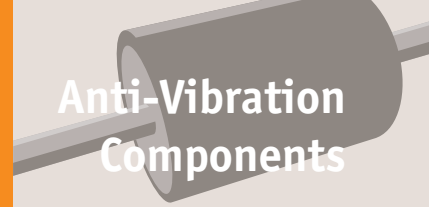
Technical Notes

The Sylomer compound offers high isola-

tion capacity with small static deformation in all medium- high frequency ranges. This mount incorporates an interlocking metal component that provide a fail-safe protection for mobile applicants. The metal has anti-corrosive treatment for outdoor applications.

Temperature range -30°C to +70 °C.

Order No.	d ₁	d ₂	h ₅	l ₁	l ₂	d ₃	h ₁	h ₂	h ₃	h ₄	Load kg	Weight kg
P2110.010-0015	M10	28	60	67	52	6.5	45.5	38	13	26	0-50	0.31
P2110.010-0025	M10	28	60	67	52	6.5	45.5	38	13	26	0-50	0.31
P2110.010-0045	M10	28	60	67	52	6.5	45.5	38	13	26	0-50	0.31
P2110.010-0050	M10	28	60	67	52	6.5	45.5	38	13	26	0-50	0.31
P2110.010-0100	M10	28	60	67	52	6.5	45.5	38	13	26	50-100	0.31
P2110.012-0150	M12	25	60	80	67	6.5	56.0	48	13	40	100-150	0.46
P2110.012-0200	M12	25	60	80	67	6.5	56.0	48	13	40	150-200	0.46
P2110.012-0280	M12	40	60	108	90	8.5	72.0	55	15	25	170-280	0.98
P2110.012-0400	M12	40	60	108	90	8.5	72.0	55	15	25	280-400	0.98
P2110.014-0400	M14	40	60	108	90	8.5	72.0	55	15	25	280-400	0.98
P2110.014-0800	M14	65	60	155	125	12.5	95.0	80	22	28	460-800	2.46
P2110.016-1000	M16	65	60	155	125	12.5	95.0	80	22	28	800-1000	2.46
P2110.018-1200	M18	65	60	175	140	14	95.0	80	23	28	1000-1200	3.1
P2110.020-1500	M20	65	60	175	140	14	95.0	80	23	28	1200-1500	3.1
P2110.020-2000	M20	65	60	205	162	16	95.0	80	28	28	1500-2000	3.75



P2103

ANTI-VIBRATION COMPONENTS

Material

Rubber on silver zinc plated steel (rubber hardness - 60 Shore A).

Technical Notes

Provides an elastic support mechanism for equipment isolation. Used in generator sets, motors, pumps and most other

machine parts.

Please note for marine applications or very demanding use we recommend the mounts with 'fail-safe' features part numbers , P2101 and P2102.

Tips

These are a very popular anti-vibration

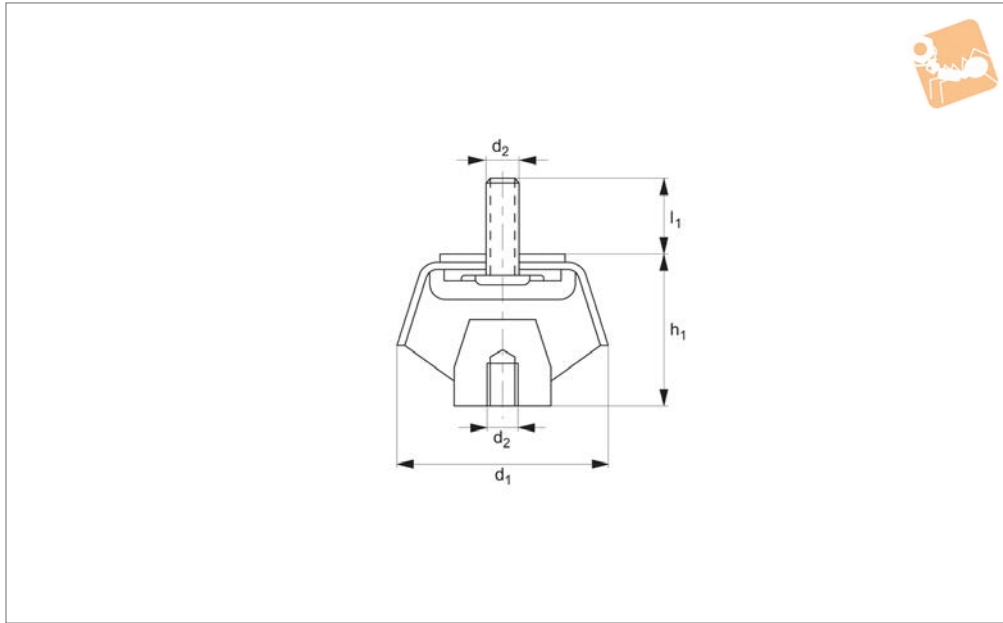
mount for light to heavy duty applications.

Take the total weight of the load to be supported, divide it by the number of mounts to be used and select an appropriate mount from the above table. Type 2 is 'fail-safe'.

Order No.	Type	d ₁	d ₂	d ₃	h ₁	l ₁	l ₂	Axial load kgf max.	Shore
P2103.050-040	Type 1	50	M 8	6.5	25	61-70	85	20	40
P2103.050-050	Type 1	50	M 8	6.5	25	61-70	85	40	50
P2103.050-060	Type 1	50	M 8	6.5	25	61-70	85	60	60
P2103.050-070	Type 1	50	M 8	6.5	25	61-70	85	80	70
P2103.060-040	Type 1	64	M10	9.0	35	76-91	110	30	40
P2103.060-050	Type 1	64	M10	9.0	35	76-91	110	45	50
P2103.060-060	Type 1	64	M10	9.0	35	76-91	110	65	60
P2103.060-070	Type 1	64	M10	9.0	35	76-91	110	75	70
P2103.065-040	Type 1	64	M10	9.0	35	76-91	110	50	40
P2103.065-050	Type 1	64	M10	9.0	35	76-91	110	75	50
P2103.065-060	Type 1	64	M10	9.0	35	76-91	110	120	60
P2103.065-070	Type 1	64	M10	9.0	35	76-91	110	140	70
P2103.066-040	Type 1	64	M12	9.0	35	76-91	110	50	40
P2103.066-050	Type 1	64	M12	9.0	35	76-91	110	75	50
P2103.066-060	Type 1	64	M12	9.0	35	76-91	110	120	60
P2103.066-070	Type 1	64	M12	9.0	35	76-91	110	140	70
P2103.070-040	Type 1	64	M12	11.0	35	100	120	50	40
P2103.070-050	Type 1	64	M12	11.0	35	100	120	75	50
P2103.070-060	Type 1	64	M12	11.0	35	100	120	120	60
P2103.070-070	Type 1	64	M12	11.0	35	100	120	140	70
P2103.080-040	Type 1	83	M10	11.0	35	108-112	135	80	40
P2103.080-050	Type 1	83	M10	11.0	35	108-112	135	130	50
P2103.080-060	Type 1	83	M10	11.0	35	108-112	135	175	60
P2103.080-070	Type 1	83	M10	11.0	35	108-112	135	235	70
P2103.081-040	Type 1	83	M12	11.0	35	108-112	135	80	40
P2103.081-050	Type 1	83	M12	11.0	35	108-112	135	130	50
P2103.081-060	Type 1	83	M12	11.0	35	108-112	135	175	60
P2103.081-070	Type 1	83	M12	11.0	35	108-112	135	235	70
P2103.095-040	Type 1	92	M10	10	39	122-127	150	150	40



Order No.	Type	d ₁	d ₂	d ₃	h ₁	l ₁	l ₂	Axial load kgf max.	Shore
P2103.095-050	Type 1	92	M10	10	39	122-127	150	260	50
P2103.095-060	Type 1	92	M10	10	39	122-127	150	330	60
P2103.095-070	Type 1	92	M10	10	39	122-127	150	390	70
P2103.096-040	Type 1	92	M12	10	39	122-127	150	150	40
P2103.096-050	Type 1	92	M12	10	39	122-127	150	260	50
P2103.096-060	Type 1	92	M12	10	39	122-127	150	330	60
P2103.096-070	Type 1	92	M12	10	39	122-127	150	390	70
P2103.110-040	Type 1	106	M12	13	41	137-149	175	200	40
P2103.110-050	Type 1	106	M12	13	41	137-149	175	305	50
P2103.110-060	Type 1	106	M12	13	41	137-149	175	420	60
P2103.110-070	Type 1	106	M12	13	41	137-149	175	450	70
P2103.111-040	Type 1	106	M16	13	41	137-149	175	200	40
P2103.111-050	Type 1	106	M16	13	41	137-149	175	305	50
P2103.111-060	Type 1	106	M16	13	41	137-149	175	420	60
P2103.111-070	Type 1	106	M16	13	41	137-149	175	450	70
P2103.125-040	Type 1	123	M16	14	48	154-162	190	350	40
P2103.125-050	Type 1	123	M16	14	48	154-162	190	500	50
P2103.125-060	Type 1	123	M16	14	48	154-162	190	700	60
P2103.125-070	Type 1	123	M16	14	48	154-162	190	900	70
P2103.150-040	Type 1	156	M16	20	53.5	188-218	218	450	40
P2103.150-050	Type 1	156	M16	20	53.5	188-218	218	570	50
P2103.150-060	Type 1	156	M16	20	53.5	188-218	218	800	60
P2103.150-070	Type 1	156	M16	20	53.5	188-218	218	1000	70
P2103.151-040	Type 2	156	M16	14.5	53.5	125-132	164	450	40
P2103.151-050	Type 2	156	M16	14.5	53.5	125-132	164	570	50
P2103.151-060	Type 2	156	M16	14.5	53.5	125-132	164	800	60
P2103.151-070	Type 2	156	M16	14.5	53.5	125-132	164	1000	70
P2103.180-040	Type 2	186	M20	14.0	84.0	146-150	181	875	40
P2103.180-050	Type 2	186	M20	14.0	84.0	146-150	181	1200	50
P2103.180-060	Type 2	186	M20	14.0	84.0	146-150	181	1700	60
P2103.180-070	Type 2	186	M20	14.0	84.0	146-150	181	2400	70
P2103.220-040	Type 2	230	M24	19.0	105.0	180	220	1600	40
P2103.220-050	Type 2	230	M24	19.0	105.0	180	220	2400	50
P2103.220-060	Type 2	230	M24	19.0	105.0	180	220	3400	60
P2103.220-070	Type 2	230	M24	19.0	105.0	180	220	4200	70



P2104

ANTI-VIBRATION COMPONENTS

Material

Rubber on black zinc plated steel (rubber hardness 40-70 Shore A).

Technical Notes

This mount has a v-shaped design providing high deflections for relatively low

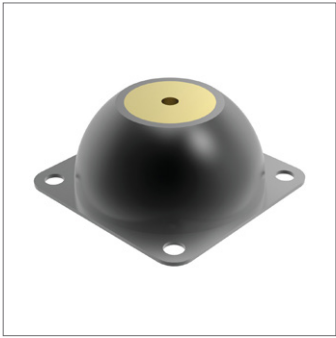
loads. This means that the natural frequency is low and ideal for engines which normally work at idle speed.

Tips

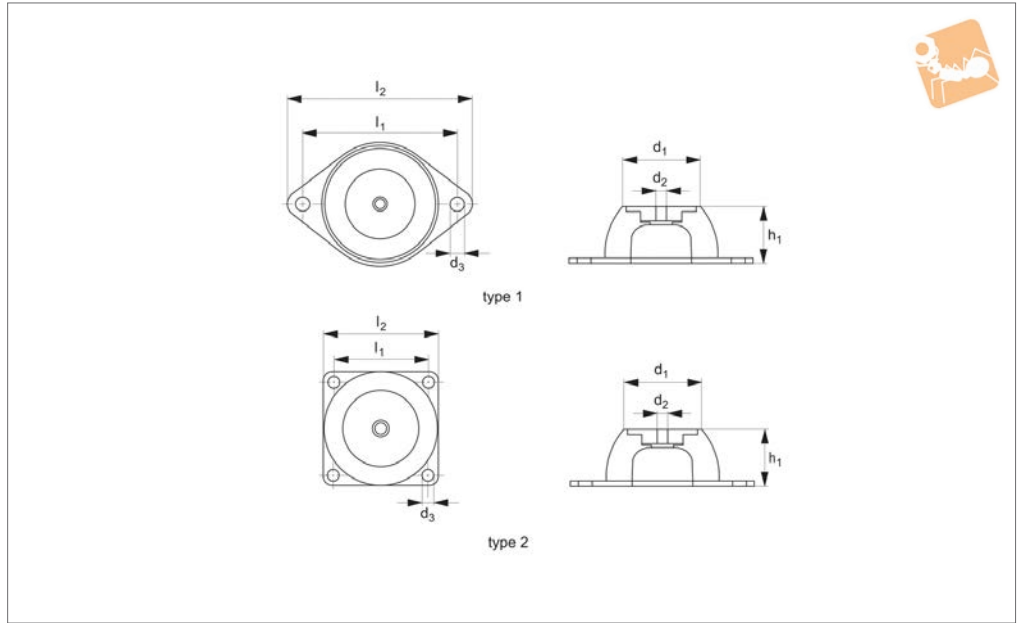
It is used in applications where the load to be supported is low, and where high

deflection is required to reach high vibration isolation levels. Marine engines, small vehicles or machines, small and medium sized generator sets.

Order No.	d ₁	d ₂	h ₁	h ₂	l ₁	w ₁	l ₂	l ₃	l ₄	l ₅	l ₆	Load kgf max.
P2104.16-40	12.2	M16	75	6.2	173	60	205	70	15.8	17	16.2	40
P2104.16-50	12.2	M16	75	6.2	173	60	205	70	15.8	17	16.2	75
P2104.16-60	12.2	M16	75	6.2	173	60	205	70	15.8	17	16.2	100
P2104.16-70	12.2	M16	75	6.2	173	60	205	70	15.8	17	16.2	150



P2105



Material

Rubber on yellow zinc plated steel (rubber hardness 45-65 Shore A).

for machines that move in three directions. Oil anti-drip hoods can be supplied on request.

air conditioners, ventilators and vibrating tables.

Technical Notes

The design of the mount makes them ideal

Tips

These mounts are found on compressors,

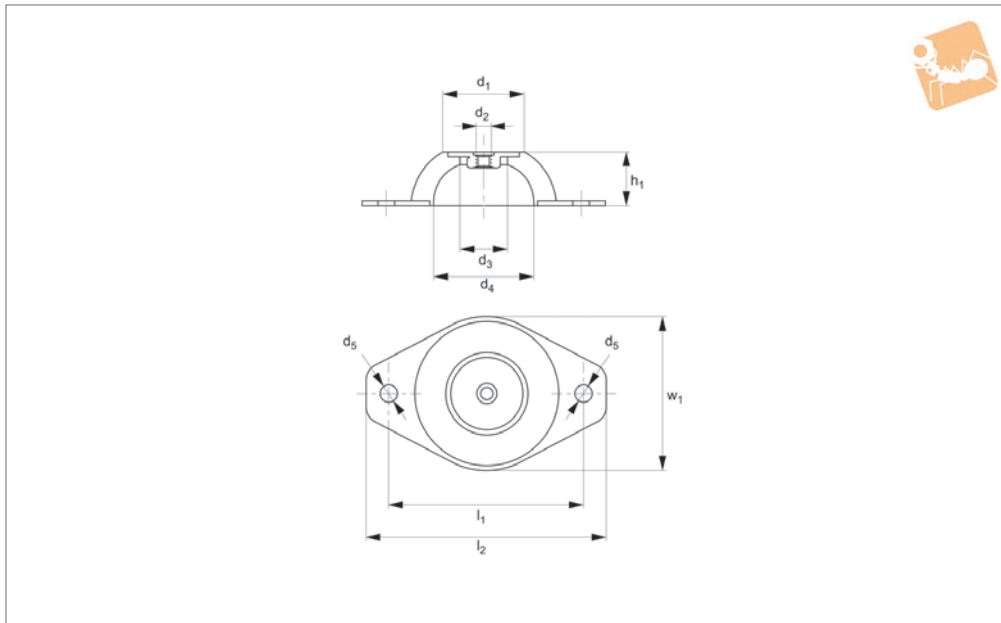
Order No.	Type	d ₁	d ₂	d ₃	h ₁	h ₂	l ₁	l ₂	Load kgf max.	Weight g
P2105.045-45	Type 1	33.0	M 8	8.0	25	2.0	66	85	20	70
P2105.045-60	Type 1	33.0	M 8	8.0	25	2.0	66	85	50	70
P2105.065-45	Type 1	52.0	M10	10.5	35	2.5	92	114	40	170
P2105.065-60	Type 1	66	M10	10.5	35	2.5	92	114	75	170
P2105.085-45	Type 1	52.0	M10	11.5	40	3.0	110	136	75	303
P2105.085-60	Type 1	52.0	M10	11.5	40	3.0	110	136	120	303
P2105.090-45	Type 1	57.5	M10	12.5	45	3.0	125	150	130	430
P2105.090-60	Type 1	57.5	M10	12.5	45	3.0	125	150	220	430
P2105.130-45	Type 2	78.0	M12	14.5	63	5.0	120	150	280	1080
P2105.130-60	Type 2	78.0	M12	14.5	63	5.0	120	150	500	1080
P2105.170-45	Type 2	100	M16	14.5	84	4.0	160	200	380	2390
P2105.170-60	Type 2	100	M16	14.5	84	4.0	160	200	750	2390
P2105.250-45	Type 2	187	M24	18.5	158	6.0	250	310	1400	10400
P2105.250-60	Type 2	187	M24	18.5	158	6.0	250	310	2500	10400



Anti-vibration Dome Mounts

dome mounts

Anti-Vibration Components



P2106

ANTI-VIBRATION COMPONENTS

Material

Rubber on yellow zinc plated steel (rubber hardness 45-65 Shore A).

Technical Notes

The design of these mounts makes them ideal for the use with machines where

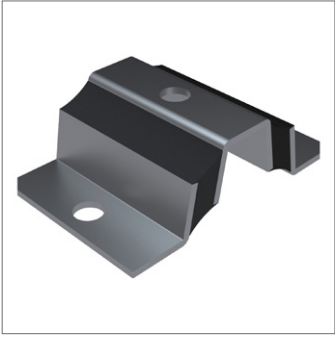
violation of vertical and horizontal vibration occur.

Tips

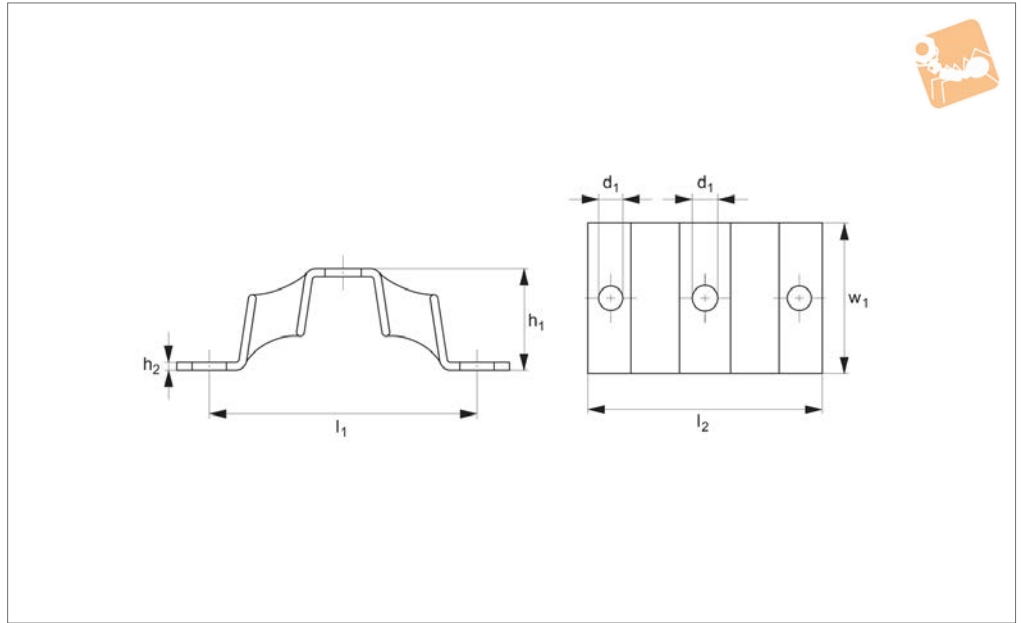
These mounting are particularly suitable for applications with low to medium dynamic amplitudes which enables the

mountings stiffness rates to provide effective isolation. Suitable for HVAC, ventilators, rotating pumps, torque or frequency converters, electric motors or power units.

Order No.	d ₁	d ₂	d ₃	d ₄	d ₅	h ₁	l ₁	w ₁	l ₂	Load kgf max.	Weight g
P2106.045-45	24.5	M 6	19	29	6.25	17	52	43	64	4	28
P2106.045-60	24.5	M 6	19	29	6.25	17	52	43	64	10	28
P2106.060-45	32.0	M 6	14	39	6.50	21	76	60	95	15	73
P2106.060-60	32.0	M 6	14	39	6.50	21	76	60	95	25	73
P2106.080-45	51.0	M 8	25	65	8.50	25	100	86	120	75	130
P2106.080-60	51.0	M 8	25	65	8.50	25	100	86	120	110	130
P2106.100-45	54.0	M10	22	67	10.5	25	124	100	149	90	262
P2106.100-60	54.0	M10	22	67	10.5	25	124	100	149	160	262
P2106.150-45	76.0	M14	34	114	12.0	34	182	150	214	130	664
P2106.150-60	76.0	M14	34	114	12.0	34	182	150	214	250	664
P2106.200-45	128.0	M18	35	140	15.0	40	240	200	280	500	1615
P2106.200-60	128.0	M18	35	140	15.0	40	240	200	280	825	1615



P2107



Material

Rubber on silver zinc plated steel (rubber hardness 45-65 Shore A).

and one to the piece of equipment. Very good as a shock/isolating mount for oscillations higher than 15Hz.

and air conditioning units from the wall.

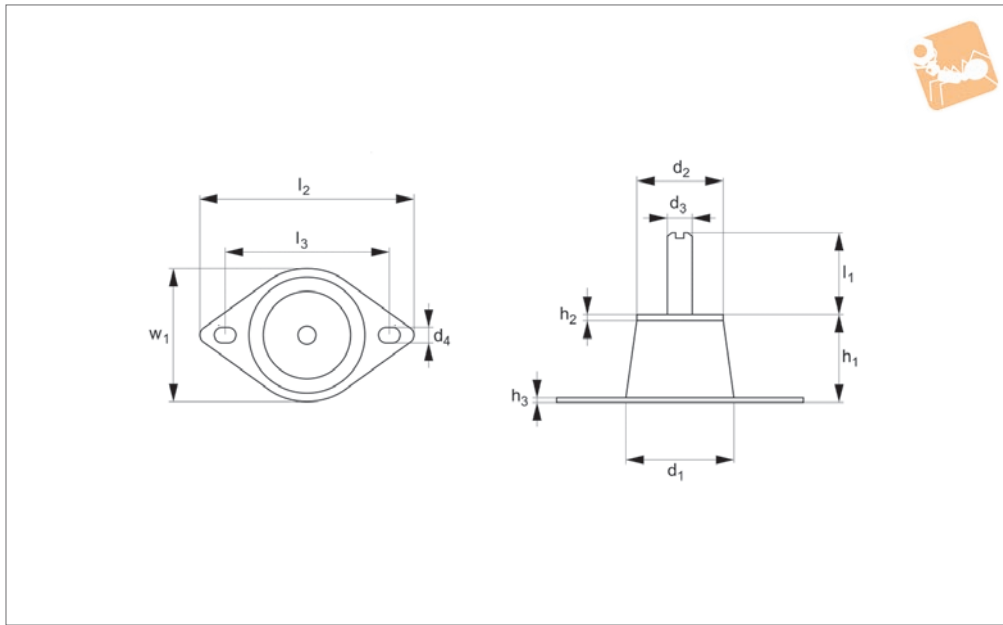
Technical Notes

Has a three point anchorage, two to a base

Tips

Can be used to hang compressors, speakers

Order No.	Shore hardness	d ₁	Compression max.	h ₁	h ₂	l ₁	w ₁	l ₂	Axial load kgf max.	Radial load kgf max.
P2107.045	45	12	2.5	35	3	90	73	112	60	60
P2107.055	55	12	3.5	35	3	90	73	112	65	65
P2107.065	65	12	6.0	35	3	90	73	112	70	70



P2108

ANTI-VIBRATION COMPONENTS

Material

Silicone gel on zinc plated steel base plate with a steel bolt.

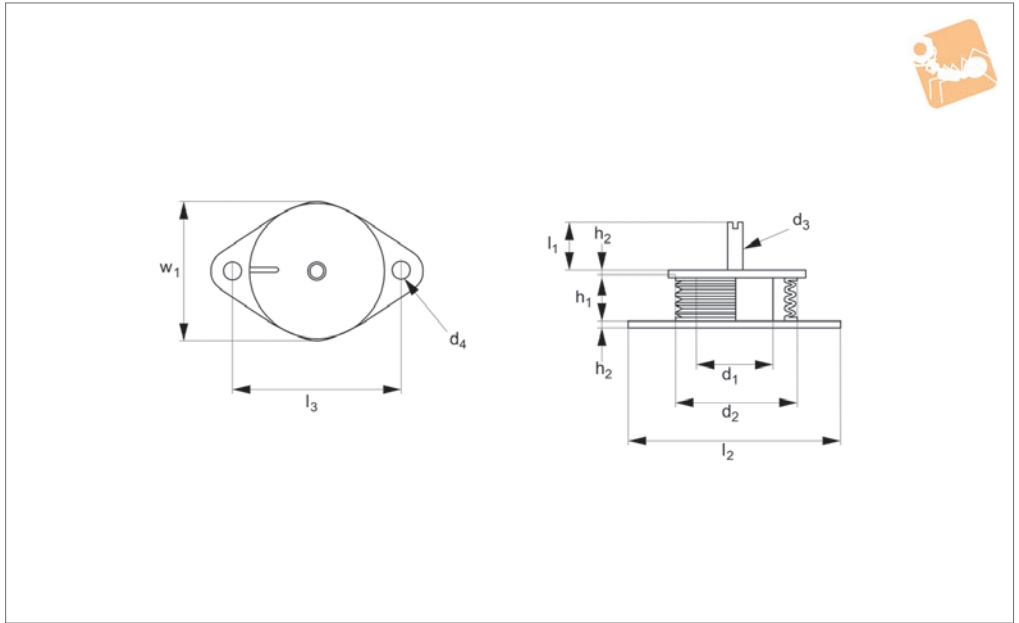
Technical Notes

For applications that use a base plate instead of a bolt.

Order No.	d ₁	d ₂	d ₃	d ₄	h ₁	h ₂	h ₃	l ₁	w ₁	l ₂	l ₃	Resonance point Hz	Resonance magnification dB	Recommended frequency Hz	Optimum working load kgf
P2108.02-60	30	24	M6	4.2x6	22	2	1	18	36	60	46	15~10	12~13	22~	1,25-3,25
P2108.05-60	30	24	M6	4.2x6	22	2	1	18	36	60	46	13~9	15~16	19~	3,25-7,5
P2108.14-60	30	24	M6	4.2x6	22	2	1	18	36	60	46	12~9	19~21	17~	7,5-12,5



P2109



Material

Silicone gel on silver zinc plated steel.
Stainless steel (A2) on request.

Technical Notes

For applications where a base plate is required and there is a need for damping

heavy-load vibration.

Order No.	d ₁	d ₂	d ₃	d ₄	h ₁	h ₂	l ₁	w ₁	l ₂	l ₃	Resonance point Hz	Resonance magnification dB	Recommended frequency Hz	Optimum working load kgf
P2109.30-35	45	76	M10	11	34	3	30	85	132	28	8~9	18~19	13~	25-35
P2109.50-75	45	76	M10	11	34	3	30	85	132	28	10~15	12~18	15~	30-75



Technical Information

Frequency and Deflection Graph

Mounts

Description

Automotion anti-vibration mounts work the rubber in shear and compression. Their tall height section produce large deflections, low natural frequencies, and excellent vibration isolation results. This range of mounts is suitable for applications where high vibration isolation in the 85-95% range is a priority.

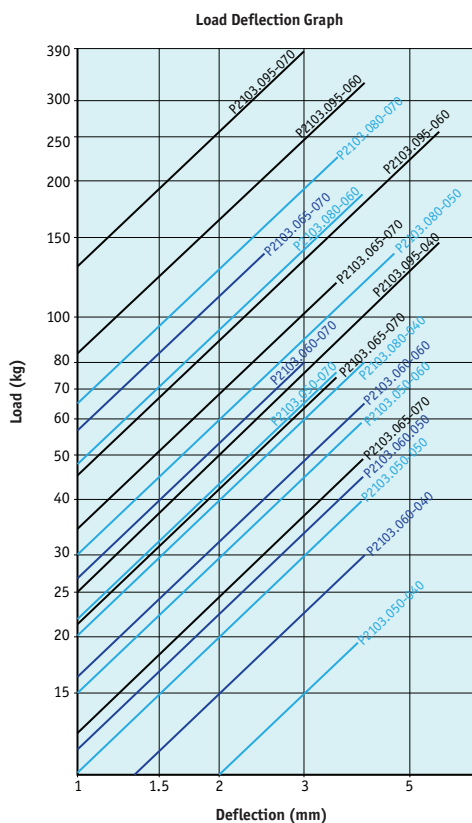
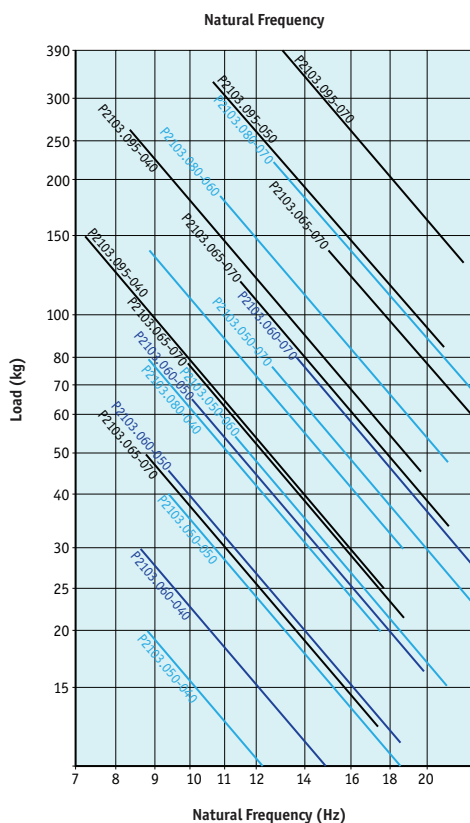
Technical characteristics

- The top metal hood protects the rubber from the Ozone, UV rays, Diesel or oils which damage the rubber.
- The metal parts have a suitable anticorrosive treatment for outdoor applications. RoHs compliant.
- They have an interlocking metal component that provides a fail-safe protection for mobile applications. This device limits the ascending vertical movement when the mounting is submitted to shocks at traction.
- The mounts are clearly identified, as the baseplates are engraved with the type and hardness, which makes it possible to easily recognise the part even after several years of use.
- The hood has a cross stamped on the top, which enhances its rigidity on mobile applications and also improves the evacuation of oils or liquids that precipitate onto it.

Applications

This mount is suitable for the isolation of mobile rotating machines which are exposed to axial and radial shocks, dripping oil, diesel or exposure to the weather. It is particularly interesting for applications where a high level of vibration isolation is required.

P2103.050 - P2103.096

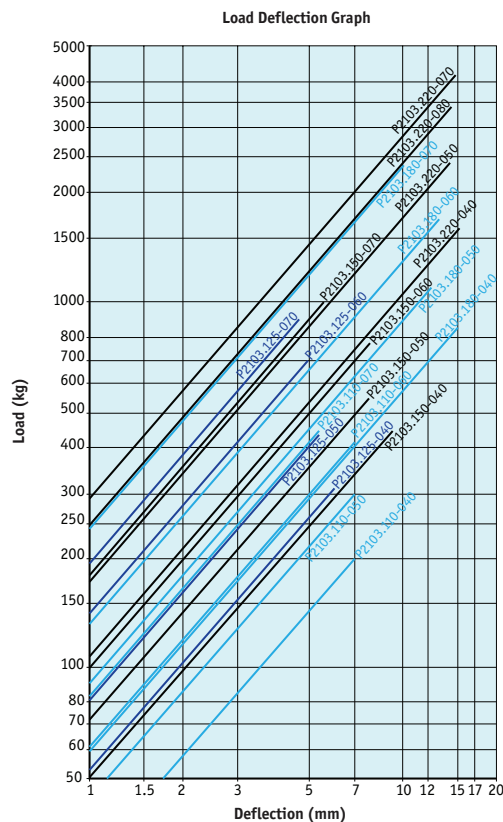
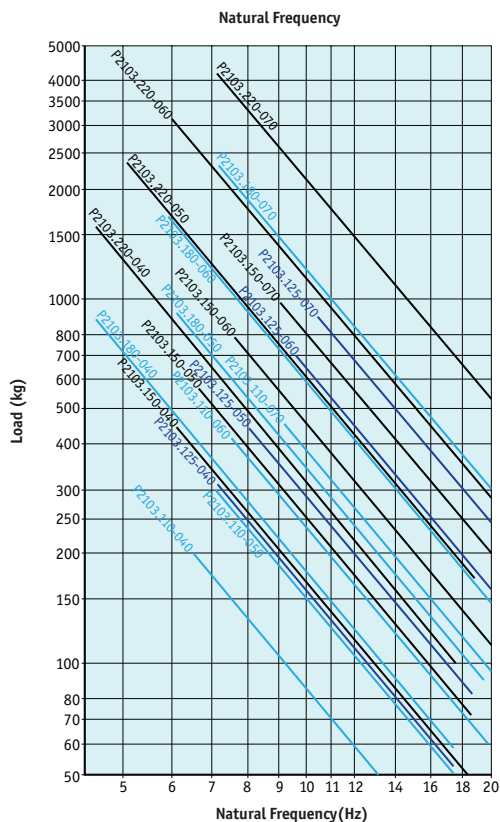


Mounts from Automotion Components

ANTI-VIBRATION COMPONENTS

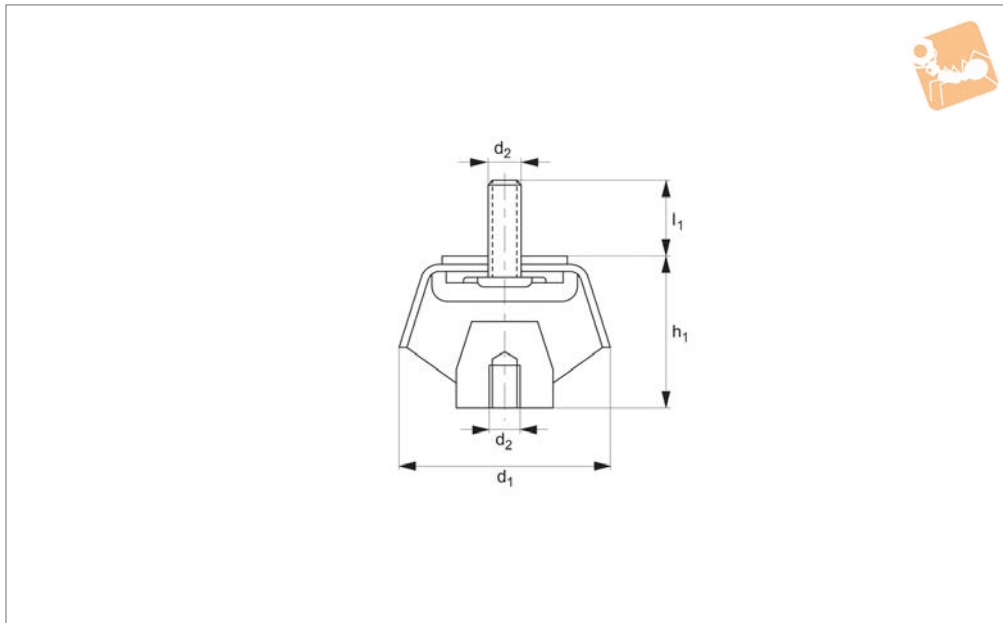
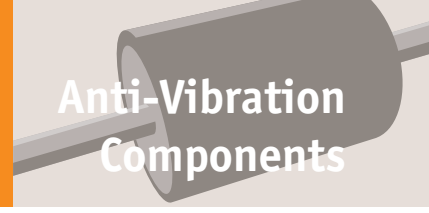


P2103.110 - P2103.220



Mounts from Automation Components

ANTI-VIBRATION COMPONENTS



P2040

ANTI-VIBRATION COMPONENTS

Material

Rubber on silver zinc plated steel.

for supporting most applications, such as engine loads.
engine suspensions.

Technical Notes

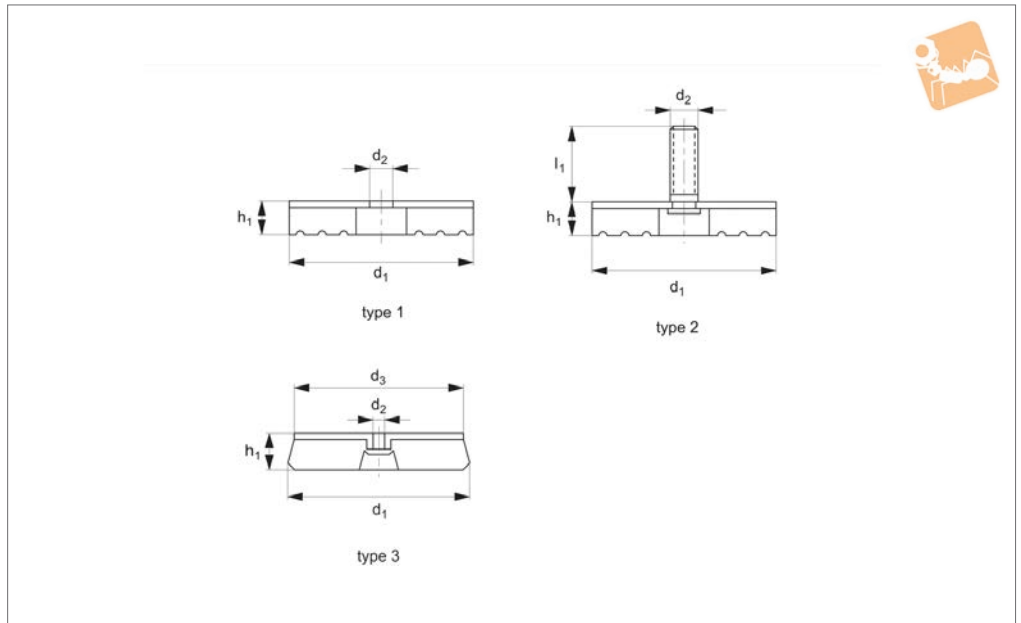
With a bell-like base this unit is suitable

It can also be used to carry horizontal

Order No.	Shore hardness	d ₁	l ₁	d ₂	h ₁	Load kgf max.
P2040.050	50 A	55	23	M10	40	30
P2040.060	60 A	55	23	M10	40	60
P2040.070	70 A	55	23	M10	40	120



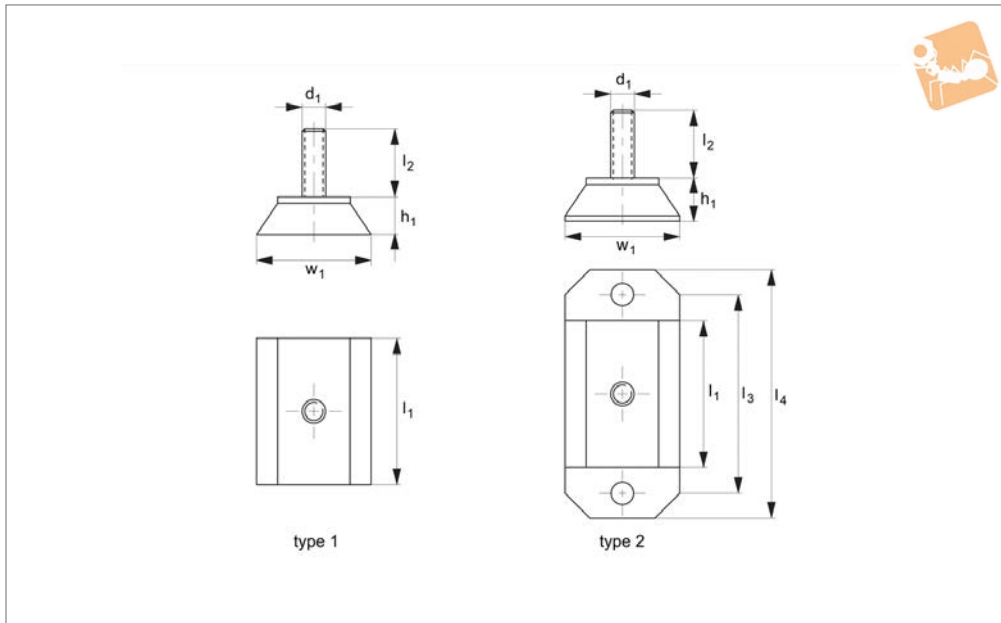
P2041



Material

Rubber on zinc plated steel.

Order No.	Type	d ₁	l ₁	d ₂	d ₃	h ₁	Compression max.	Static load kgf max.
P2041.050	Type 1	50	-	10.5	-	15	2.2	180
P2041.085	Type 1	85	-	10.5	-	15	1.6	450
P2041.155	Type 2	55	25	M12	-	16	2.2	180
P2041.185	Type 2	85	25	M12	-	16	1.6	450
P2041.225	Type 2	125	25	M12	-	16	2.2	800
P2041.550	Type 3	50	-	6.0	45	18	2	50
P2041.591	Type 3	91	-	6.5	86	18	2	350
P2041.638	Type 3	138	-	10.5	130	25	2.6	900



P2042

ANTI-VIBRATION COMPONENTS

Material

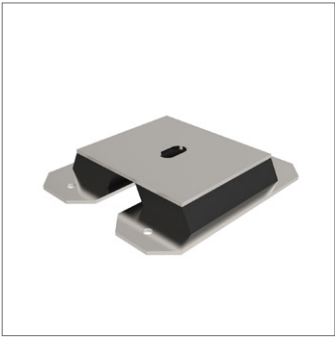
Rubber on silver zinc plated steel (rubber hardness - 55 Shore A).

Technical Notes

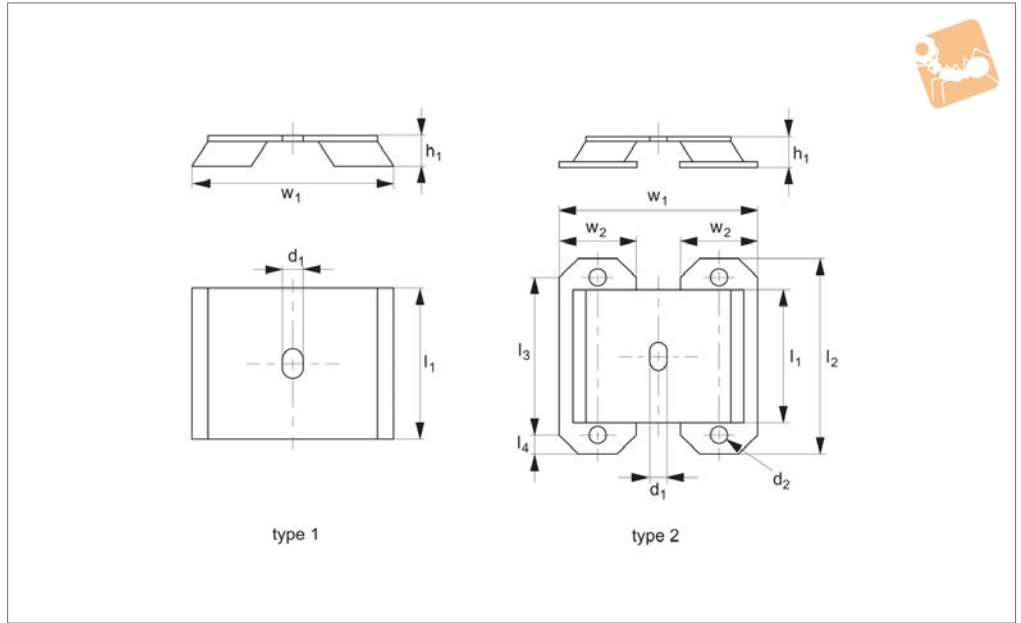
Used to support machine tools and packing machinery.

Provides vibration isolation for frequencies higher than 20Hz.

Order No.	Type	d ₁	l ₁	h ₁	l ₂	l ₃	l ₄	w ₁	Axial load kgf max.	Compression max.
P2042.050	Type 1	M12	50	20	37	-	-	60	250	2
P2042.100	Type 1	M12	100	20	37	-	-	60	500	2
P2042.150	Type 1	M12	150	20	37	-	-	60	750	2
P2042.200	Type 1	M12	200	20	37	-	-	60	1000	2
P2042.550	Type 2	M12	50	23	37	85	115	60	250	2
P2042.600	Type 2	M12	100	23	37	135	165	60	500	2
P2042.650	Type 2	M12	150	23	37	185	215	60	750	2
P2042.700	Type 2	M12	200	23	37	235	265	60	1000	2



P2043



Material

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

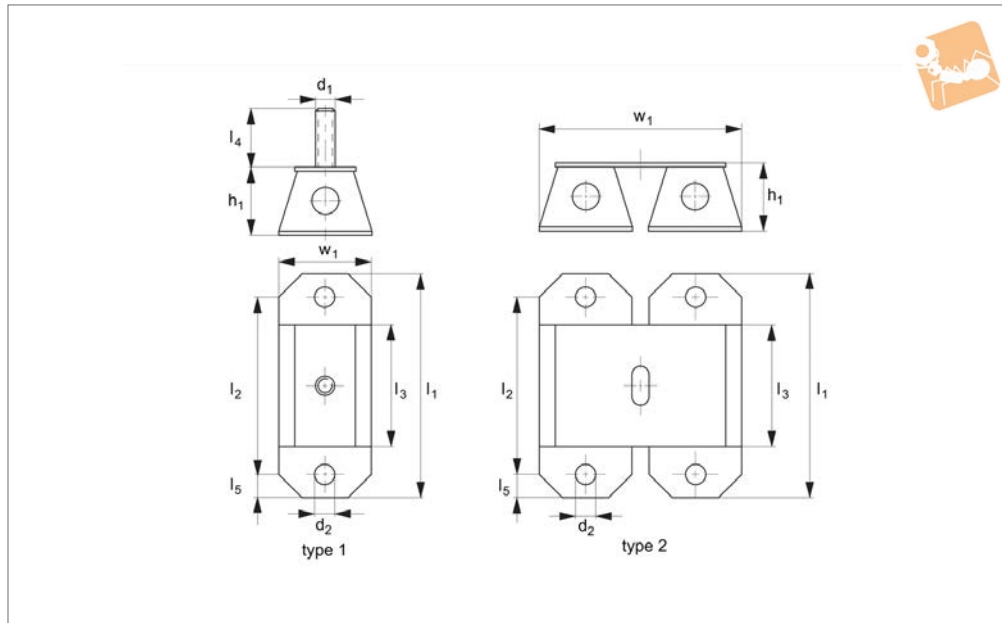
Technical Notes

Used where transverse loads are present.

Order No.	Type	d ₁	l ₁	h ₁	l ₂	l ₃	l ₄	w ₁	w ₂	Compression max.	Static load kgf max.
P2043.100	Type 1	13	100	20	-	-	-	130	-	2	850
P2043.550	Type 2	13	150	23	215	185	15	145	60	2	1300
P2043.600	Type 2	13	200	23	265	235	15	145	60	2	1700

Anti-vibration Mounts with through holes

Anti-Vibration Components



P2044

ANTI-VIBRATION COMPONENTS

Material

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

Technical Notes

Type 1: M12 thread supplied as separate

item to be screwed in if required.

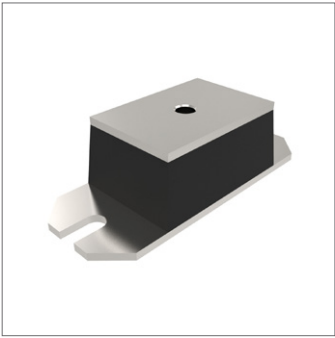
Type 2: A twin version of type 1 and so therefore take heavier loads.

The central hole in the rubber pad increases the flexibility of the unit - improving

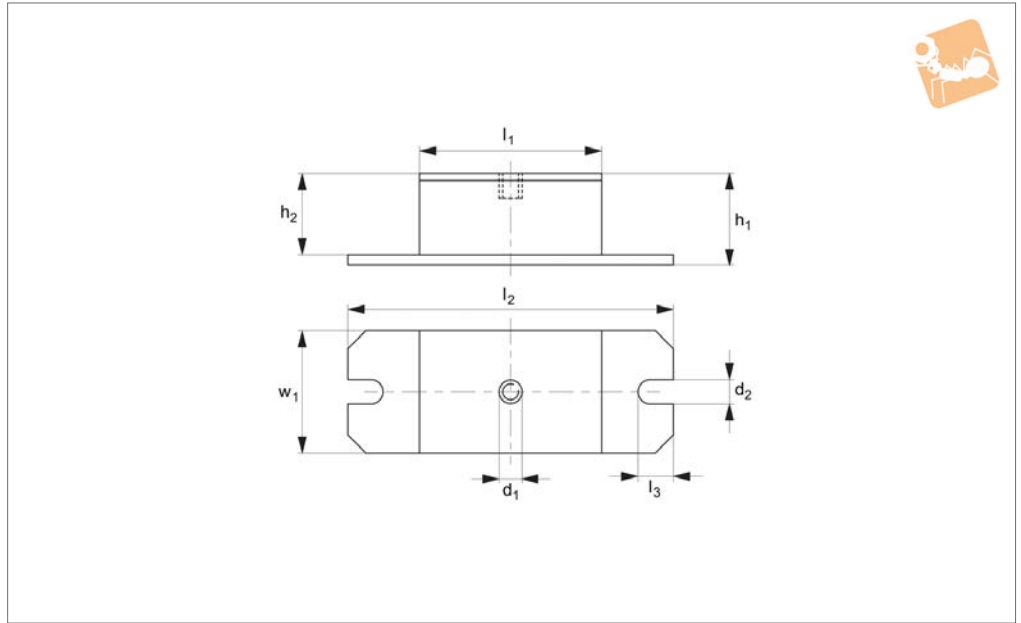
anti-vibration properties.

Used where good deflection properties are needed and for isolating of frequencies higher than 10Hz.

Order No.	Type	d ₁	l ₁	d ₂	h ₁	l ₂	l ₃	l ₄	l ₅	w ₁	Axial load kgf max.	Compression max.
P2044.050	Type 1	M12	115	13	45	85	50	37	15	60	120	8
P2044.100	Type 1	M12	165	13	45	135	100	37	15	60	250	8
P2044.150	Type 1	M12	215	13	45	185	150	37	15	60	350	8
P2044.200	Type 1	M12	265	13	45	235	200	37	15	60	500	8
P2044.500	Type 2	-	165	13	45	135	100	-	15	130	500	8
P2044.550	Type 2	-	215	13	45	185	150	-	15	130	700	8
P2044.600	Type 2	-	265	13	45	235	200	-	15	130	1000	8



P2045



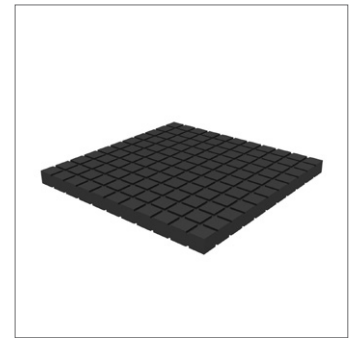
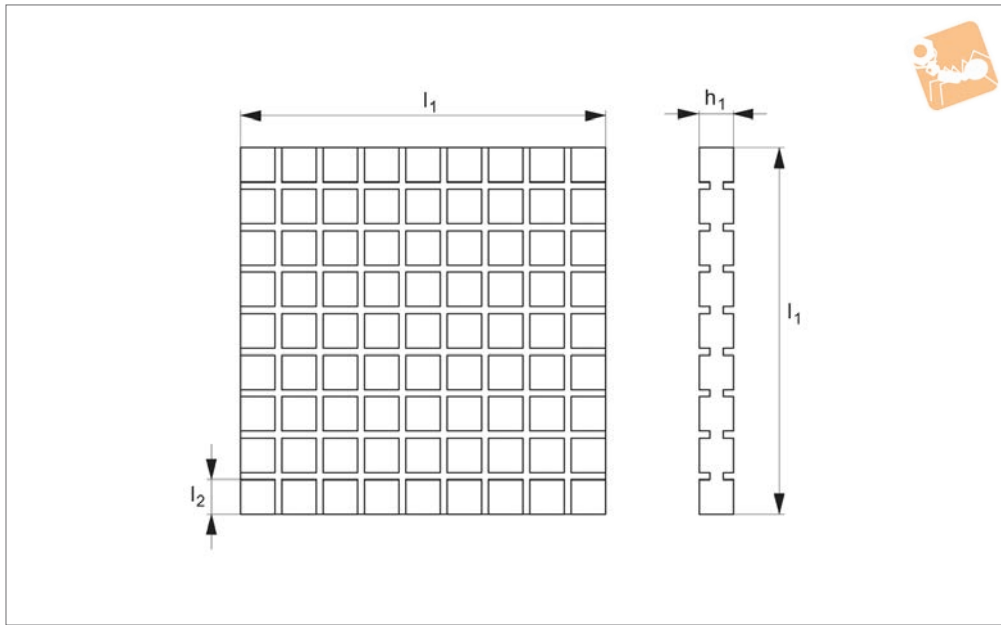
Material

Rubber on silver zincplated steel.

Tips

Particularly useful for fans, generators, motors etc.

Order No.	Shore hardness	d_1	l_1	d_2	h_1	h_2	l_2	l_3	w_1	Load kgf max.
P2045.070	70 A	M12	100	13	50	45	180	25	70	1000
P2045.055	55 A	M12	100	13	50	45	180	25	70	500
P2045.080	80 A	M12	100	13	50	45	180	25	70	1200



P2050

ANTI-VIBRATION COMPONENTS

Material

Rubber (hardness - 55 Shore A).

Technical Notes

The pad can be cut to suit the application

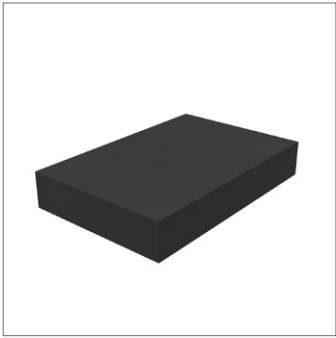
as required.

Differs from a plain rubber mat as the squared units can deform - improving its anti-vibration features.

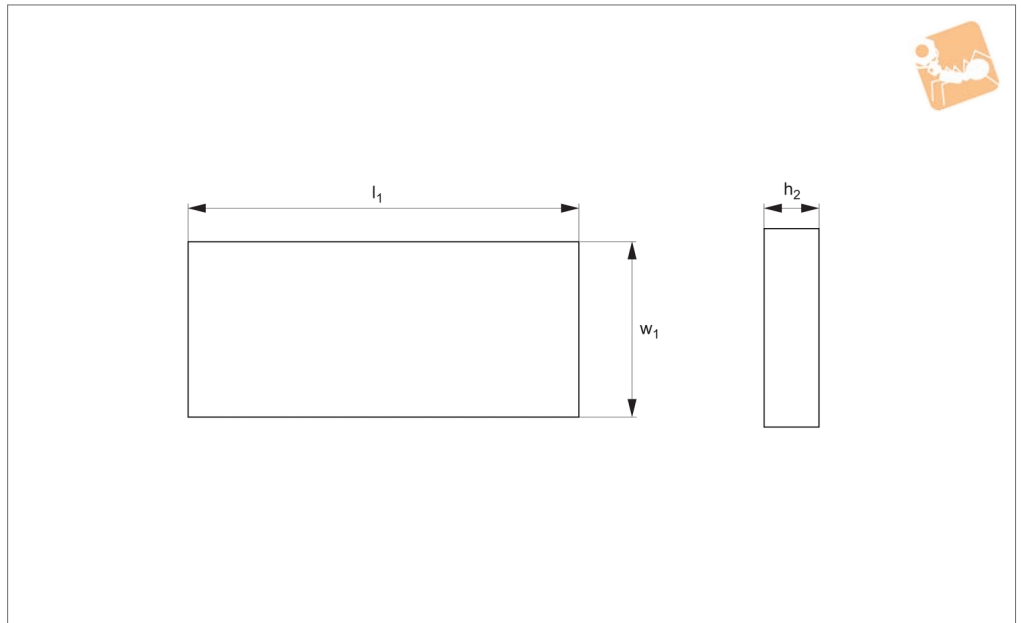
Tips

High frequency isolation (30-40Hz).
Own frequency 18Hz.

Order No.	l_1	l_2	h_1	Compression max.	Load kgf/cm^2 max.
P2050.214	210	10	14	2	8
P2050.305	300	10	5	1	8
P2050.307	300	10	7	1.6	8
P2050.507	500	10	7	1	8



P2051



Material

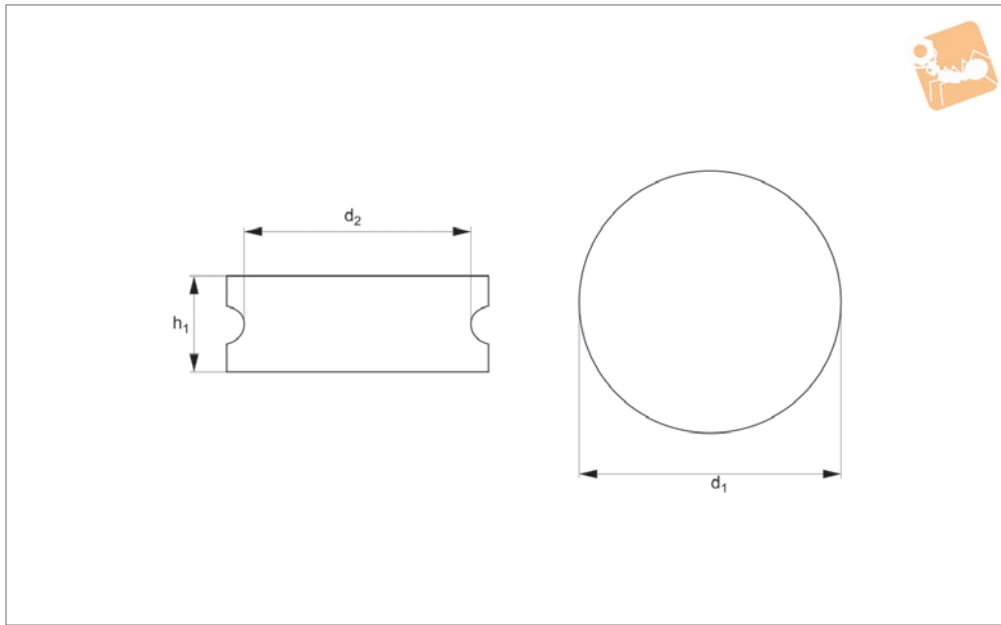
Rubber (hardness - 50 or 65 Shore A).

Order No.	l_1	w_1	h_1	Compression max.	Shore hardness	Load kgf max.
P2051.050	50	50	25	4	50	200
P2051.051	50	50	25	4	65	350
P2051.060	60	60	40	6	50	250
P2051.061	60	60	40	6	65	450
P2051.080	81	81	44	6	50	400
P2051.081	81	81	44	6	65	600
P2051.150	100	150	25	4	50	1100
P2051.151	100	150	25	4	65	3400
P2051.183	121	183	33	5	50	1400
P2051.184	121	183	33	5	65	2000
P2051.240	200	240	30	4.5	50	2500
P2051.241	200	240	30	4.5	65	3500



Rubber Pads round

Anti-Vibration Components



P2052

ANTI-VIBRATION COMPONENTS

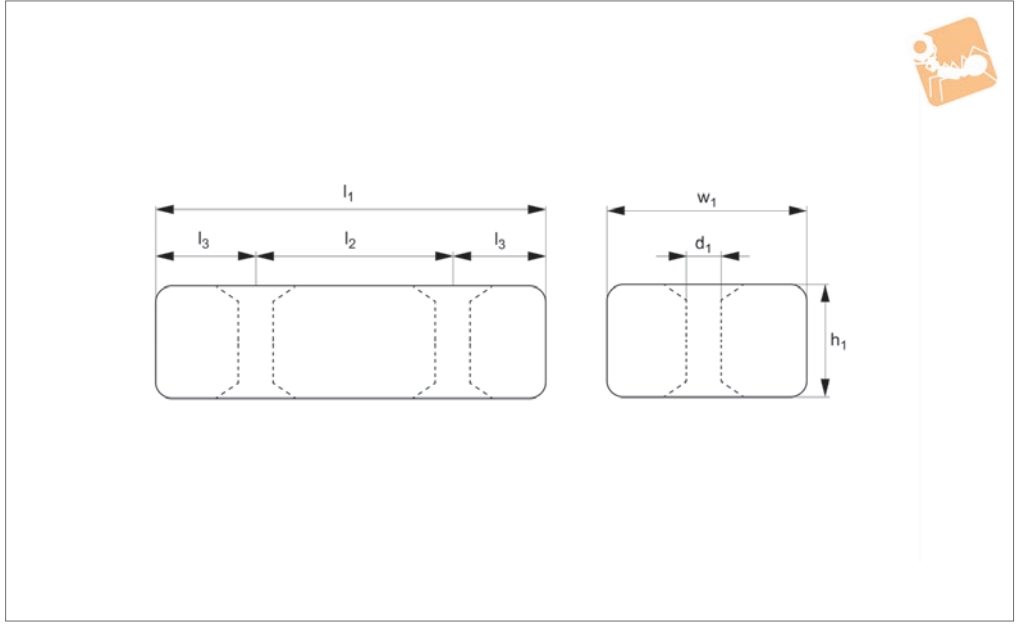
Material

Rubber (hardness - 65 Shore A).

Order No.	d ₁	d ₂	h ₁	Load kgf max.
P2052.140	140	127	45	900
P2052.150	150	138	45	1000



P2053



Material

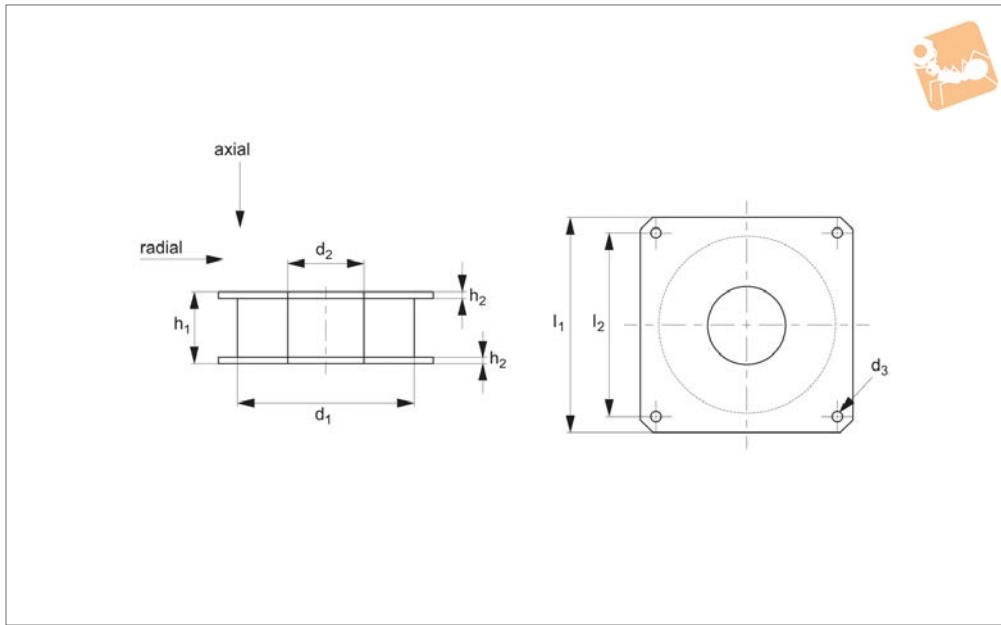
Rubber (hardness - 65 Shore A).

Order No.	l_1	w_1	d_1	l_2	l_3	h_1	Compression max.	Load kgf max.
P2053.300	295	115	35	150	72.5	60	9	3000



Anti-vibration Pads flanged

Anti-Vibration Components



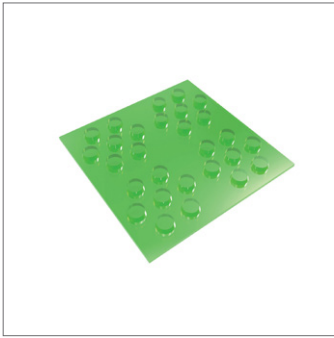
P2054

ANTI-VIBRATION COMPONENTS

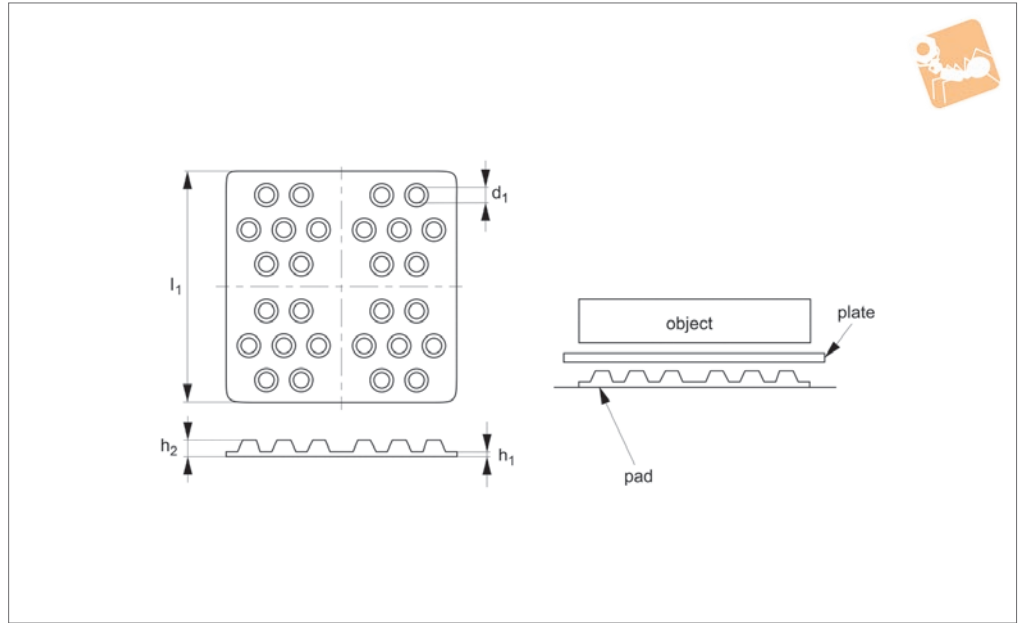
Material

Rubber on silver zinc plated steel (rubber hardness - 65 Shore A).

Order No.	l_1	d_1	d_2	d_3	l_2	h_1	h_2	Axial compression max.	Radial compression max.	Axial load kgf max.	Radial load kgf max.
P2054.135	135	120	50	9	105	42	3	15	10	2500	300
P2054.170	170	140	65	15	145	100	4	15	10	2500	300
P2054.180	180	160	60	9	140	46	4	15	10	2500	300
P2054.210	210	185	70	11	165	55	5	15	10	2500	300
P2054.250	250	230	100	16	215	48	4	15	10	2500	300



P2056



Material
Silicone gel.

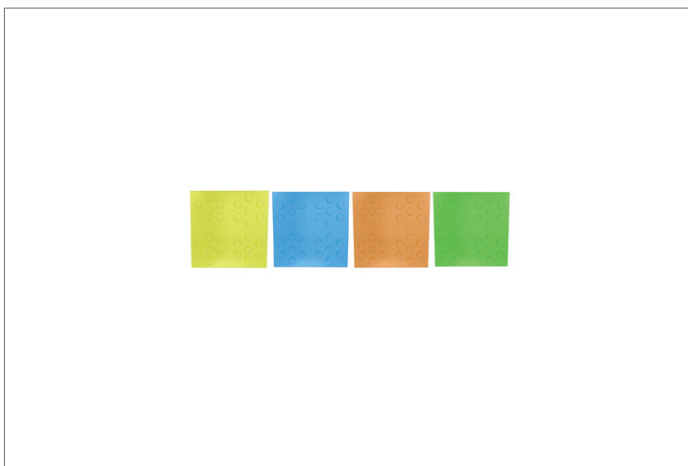
Technical Notes
If your application is too light to use with a full pad, you can simply add a plate to the pad to increase the overall load (as shown in the drawing). The pad can be cut up into 2 or 4 pieces to place under your applica-

tion depending on load. This can be used for applications that require protection from small knocks and vibrations, for example laboratory and precision equipment. The silicone gel has a unique molecular structure that spreads the impact three dimensionally. This vibration pad is environmentally friendly and can with-

stand temperatures ranging from -40C up to 200C.

Tips
Peel off PET film before use to reveal the adhesive. They can be used repeatedly simply by removing the application, then repositioning in the desired place.

Order No.	Colour	l ₁	d ₁	h ₁	h ₂	Compression max.	Resonance point Hz	Resonance magnification dB	Recommended frequency Hz	Optimum load kg
P2056.100-002	Yellow	100	10	2	5	1,4~3,0	27~21	6	38~	0,5~2
P2056.100-005	Green	100	10	2	5	1,5~2,5	29~23	8	40~	2~5
P2056.100-015	Orange	100	10	2	5	1,1~2,2	26~18	13	37~	5~15
P2056.100-050	Blue	100	10	2	5	0,7~2,0	22~	20~18	30~	15~50

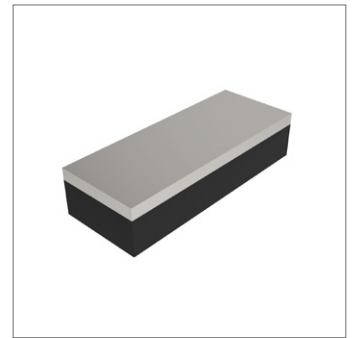
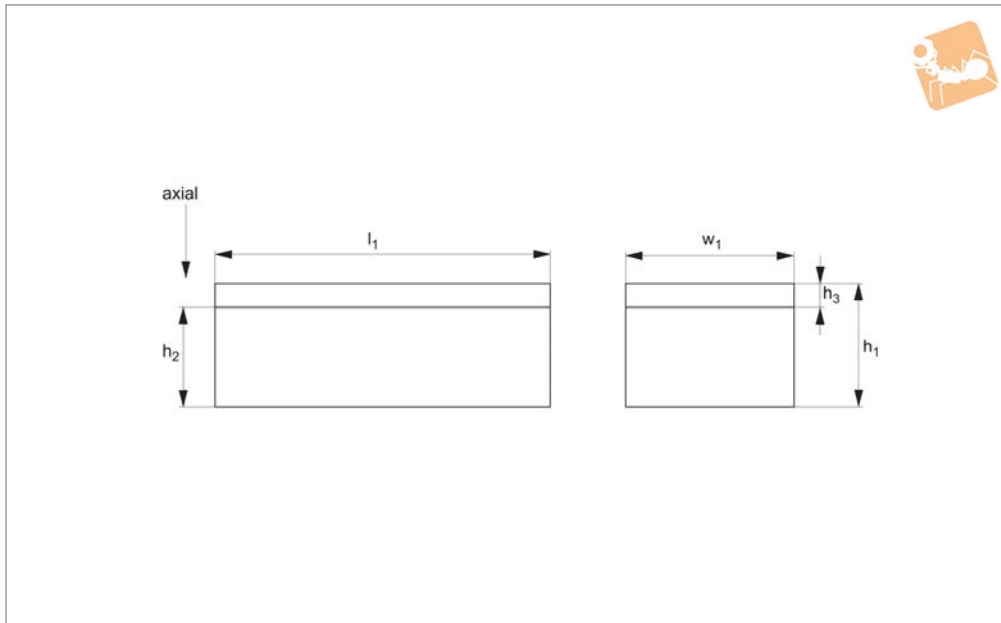




Anti-vibration Impact Plates

metal-rubber

Anti-Vibration Components



P2060

ANTI-VIBRATION COMPONENTS

Material

Rubber on silver zinc plated steel (rubber hardness - 60 Shore A).

be drilled to suit the number of threads, thread sizes and the pitch you require.

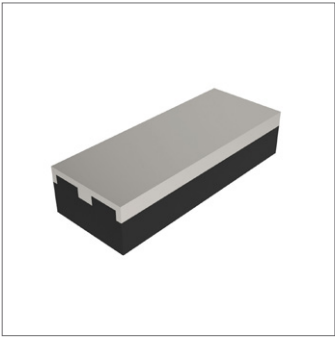
request.

Technical Notes

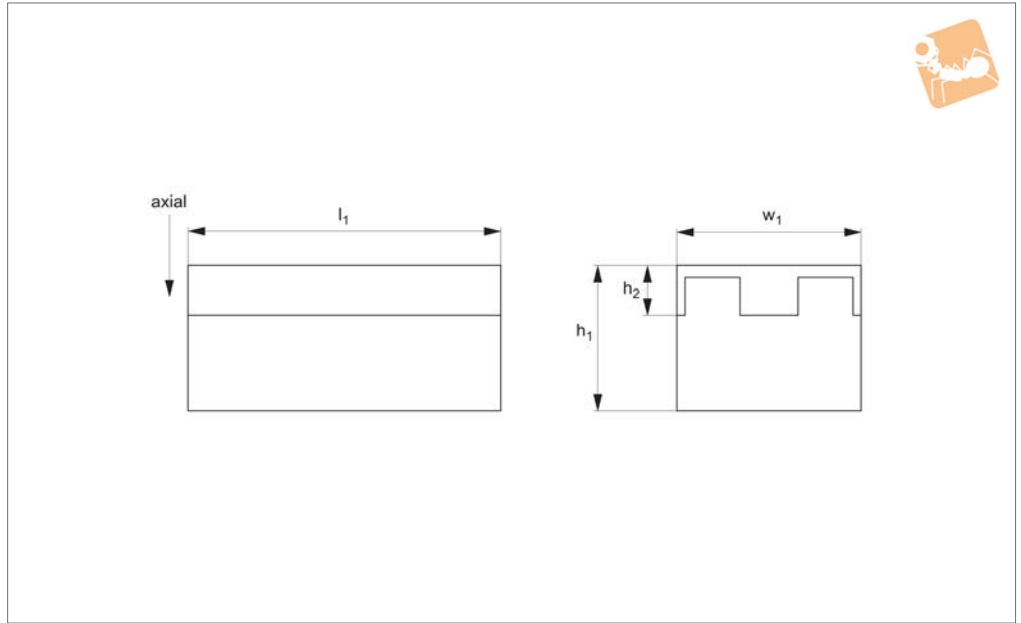
The metal plate is provided blank so it can

Part no. P2060.0500-125 has a ribbed base. Other sizes can be supplied on

Order No.	l_1	w_1	h_1	h_2	h_3	Axial load kgf max.	Compression max.
P2060.1250-035	1250	35	40	30	10	2500	2.0
P2060.0180-070	180	70	40	30	10	1000	2.8
P2060.0245-070	245	70	40	30	10	1300	3.7
P2060.0285-070	285	70	40	30	10	2000	3.6
P2060.0320-070	320	70	40	30	10	2700	3.5
P2060.0250-120	250	120	40	28	12	5000	3.3
P2060.0500-125	500	125	30	15	15	10000	4.0



P2061



Material

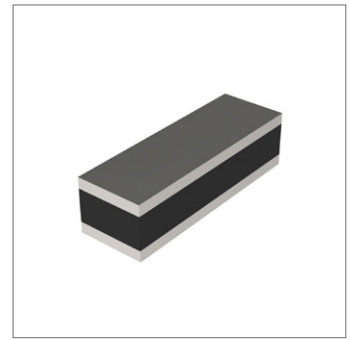
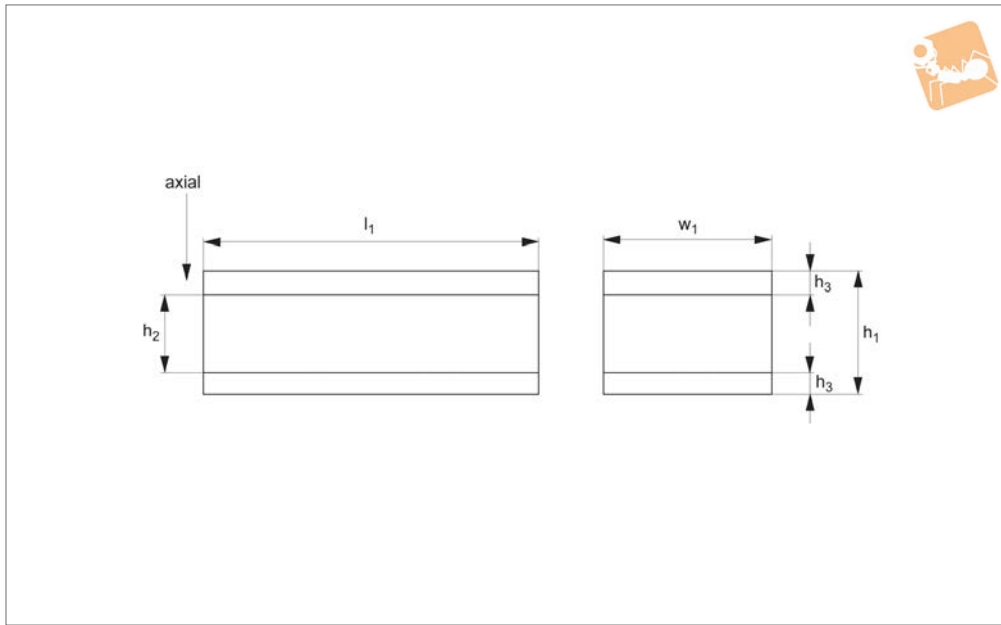
Rubber on silver zinc plated steel (rubber hardness - 60 Shore A).

Technical Notes

The metal plate is provided blank so it can be drilled to suit the number of threads,

thread sizes and the pitch you require. Other sizes can be supplied on request.

Order No.	l_1	w_1	h_1	h_2	Axial load kgf max.
P2061.350-060	350	60	40	13	1000
P2061.450-060	450	60	40	13	1500
P2061.550-060	550	60	40	13	2000



P2062

ANTI-VIBRATION COMPONENTS

Material

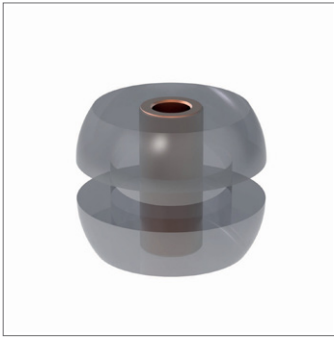
Rubber on silver zinc plated steel (rubber hardness - 60Shore A).

can be drilled to suit the number of threads, thread sizes and the pitch you require. Other sizes can be supplied on request. Suitable for very heavy loads.

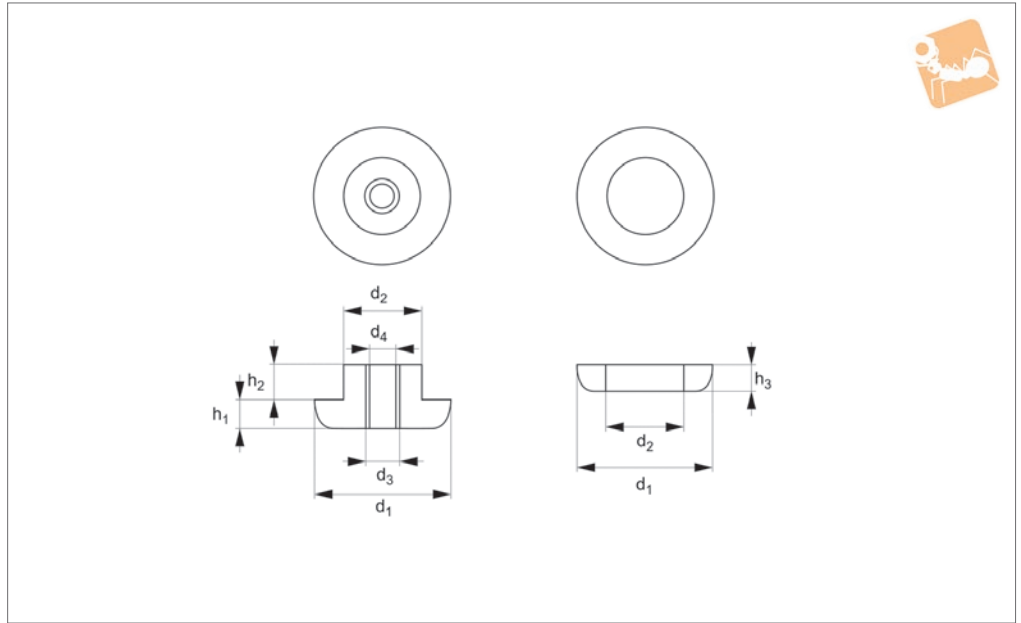
Technical Notes

The metal plates are provided blank so they

Order No.	l_1	w_1	h_1	h_2	h_3	Axial load kgf max.
P2062.550-040	550	40	40	24	8	2200
P2062.515-050	515	50	40	20	10	2800
P2062.516-050	515	50	50	30	10	2570
P2062.650-060	650	60	50	30	10	3900
P2062.651-060	650	60	60	40	10	3500
P2062.600-070	600	70	50	30	10	4200
P2062.601-070	600	70	55	35	10	4000
P2062.600-080	600	80	80	50	15	4320
P2062.415-100	415	100	60	30	15	4150
P2062.416-100	415	100	80	50	15	3740
P2062.500-150	500	150	80	50	15	6750



P2071



Material
Silicone gel.

Technical Notes
This anti-vibration bush is ideal for applications with very light loads, such as PCBs and computer components. This range is handmade and has a unique molecular

structure that spreads the impact three dimensionally. This gives it outstanding vibration and shock absorbing properties. It is able to dampen to lower frequencies than bushes made of neoprene or rubber. These effective qualities are reflected in the cost. For a lower cost alternative

please see part number P2072.

Important Notes
The double washer mounts are made of two parts of gel, one of which incorporates an internal metal bush which acts as a guide.

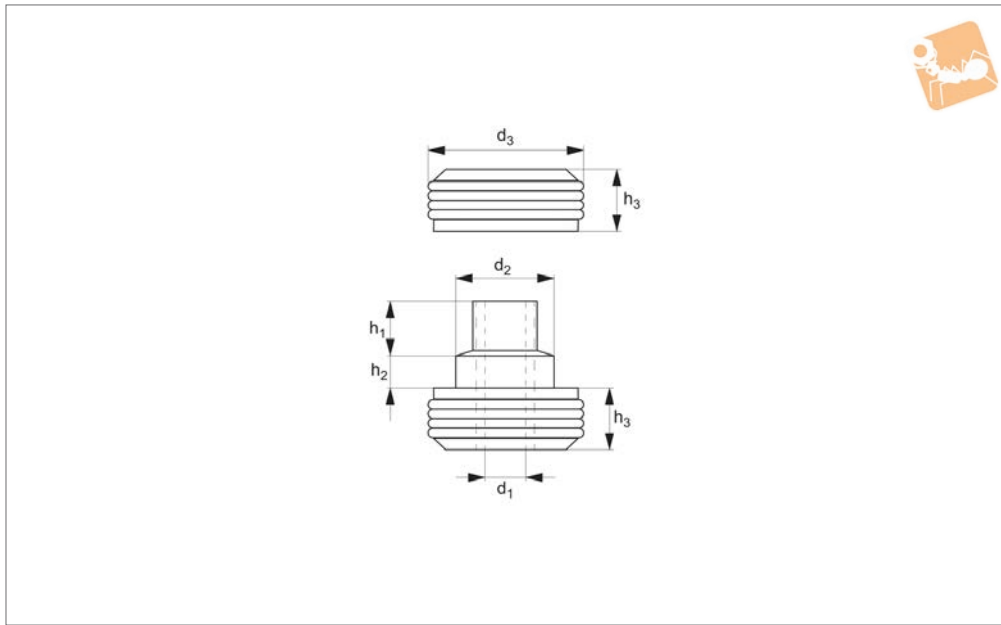
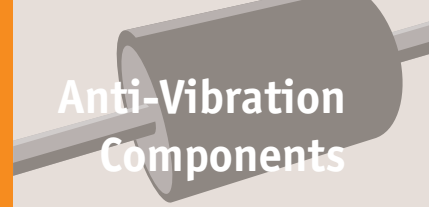
Order No.	d ₁	h ₁	d ₂	d ₃	d ₄	h ₂	h ₃	Resonance point Hz	Resonance magnification dB	Recommended frequency Hz	Optimum working load kgf
P2071.01-11	11	3	7	4	3	3,5	3	64~42	7~9	0,2kg: 90~ 0,75kg : 60~	0,05-0,1875
P2071.01-14	14	4	9	5	3	4	4	67~35	9~10	0,5kg: 95~ 2,5kg : 50~	0,125-0,625
P2071.01-25	25	5	14	6	4	6,5	5	49~23	15~17	4kg: 70~ 15kg : 35~	1-3,75
P2071.02-14	14	4	9	5	4	4	4	49~37	15~16	2,5kg: 70~ 4,0kg : 55~	0,625-1,0
P2071.02-25	25	5	14	6	4	6,5	5	38~20	19~23	15kg : 40~ 32kg : 25~	3,75-8



Anti-vibration Bushes

rubber, two-piece

Anti-Vibration Components



P2072

ANTI-VIBRATION COMPONENTS

Material

Rubber on silver zinc plated steel

Technical Notes

This anti-vibration mount is ideal for applications of major dynamic loads where

movement control is necessary, such as in the cabin of all types of mobile vehicles. It also offers optimal stability, as well as good attenuation of impacts and vibrations.

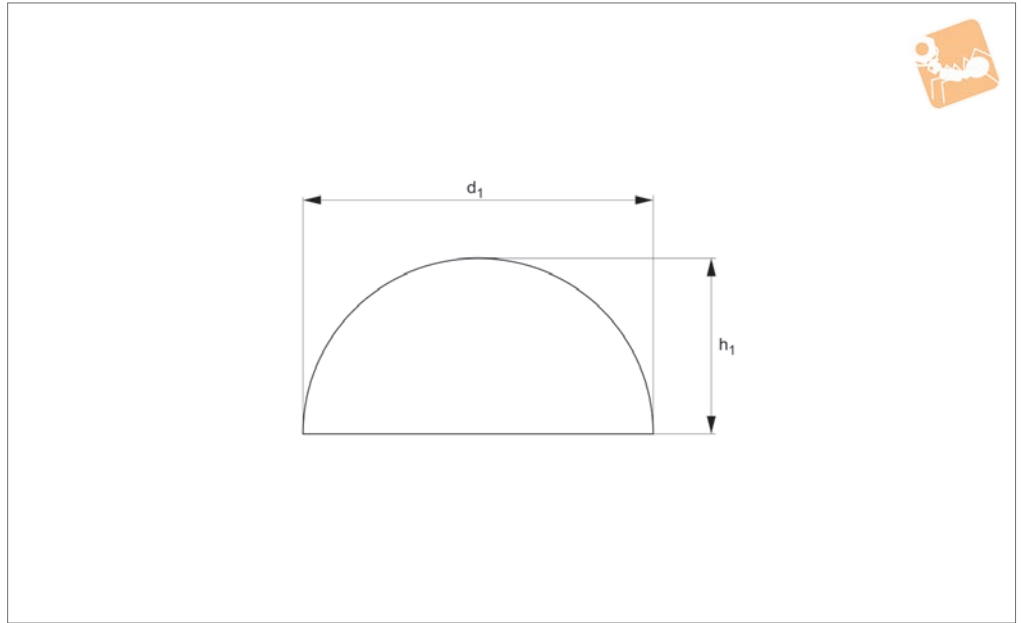
Important Notes

The double washer mounts are made of two parts of rubber, one of which bears an inside metal bushing which acts as a guide through the machine anchoring screw.

Order No.	d ₁	h ₁	d ₂	d ₃	h ₂	h ₃	Load kgf	Plate min.	Plate max.	Weight g
P2072.50-45	13.5	18.5	31.5	49	11	20	80	12.5	14	153
P2072.50-60	13.5	18.5	31.5	49	11	20	130	12.5	14	153
P2072.65-45	17.0	24.0	39.5	64	15	23	120	19.0	22	350
P2072.65-60	17.0	24	39.5	64	15	23	260	19.0	22	350
P2072.90-45	23.0	31.0	58.0	88	17	25	260	25.0	29	675
P2072.90-60	23.0	31.0	58.0	88	17	25	450	25.0	29	675



P2073



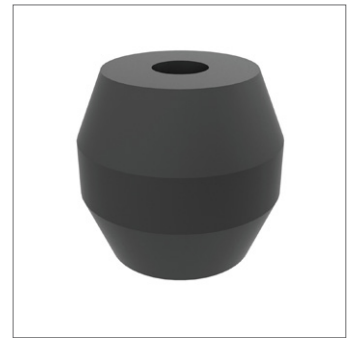
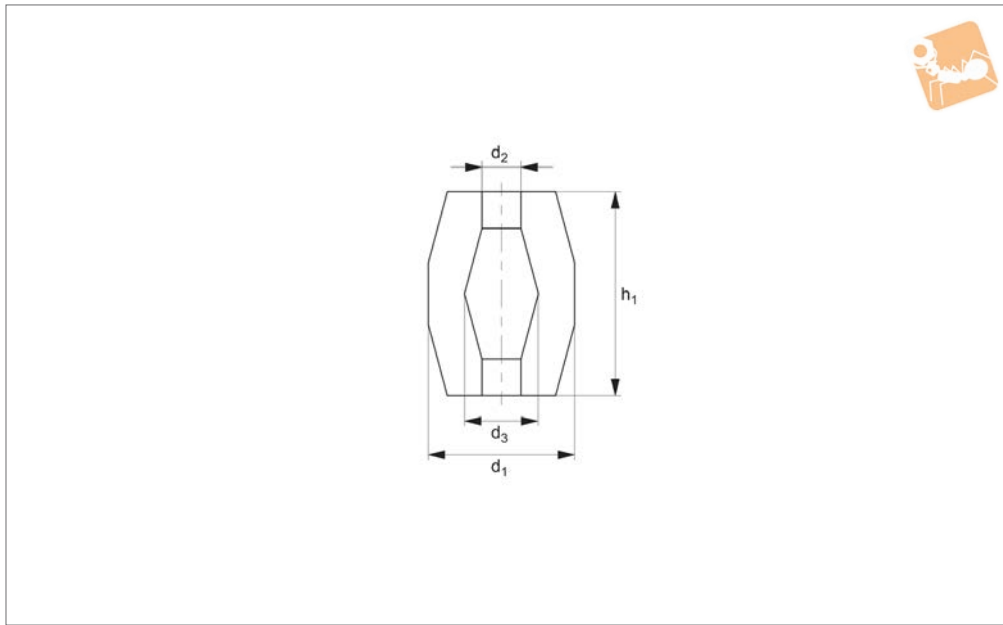
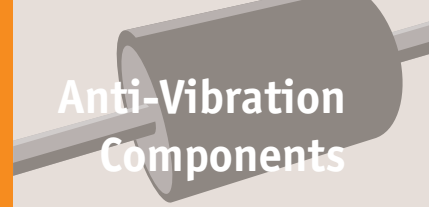
Material
Sorbothane.

Technical Notes
Sorbothane hemisphere mounts provide a

quick, cost effective method of isolating bench equipment and small machinery. Simply place the hemisphere under the unit to be isolated with the curved surface

up. Expect a 25-30% deflection when statically loaded.

Order No.	Type	d_1	h_1	Load N max.
P2073.019	Without adhesive	19.0	9.5	2.5
P2073.032	Without adhesive	31.8	15.8	5.0
P2073.050	Without adhesive	50.8	25.5	8.5
P2073.019-A	With adhesive	19.0	9.5	2.5
P2073.032-A	With adhesive	31.8	15.8	5.0
P2073.050-A	With adhesive	50.8	25.5	8.5



P2074

ANTI-VIBRATION COMPONENTS

Material

Rubber (hardness - 55 Shore A).

Technical Notes

Used in a wide range of vibrating

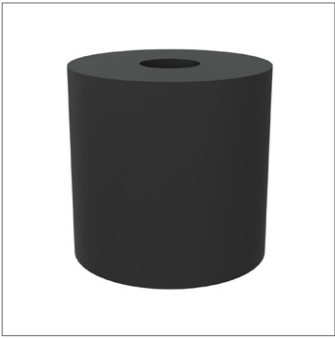
machines.

Allows high deformation with excellent spring back characteristics.

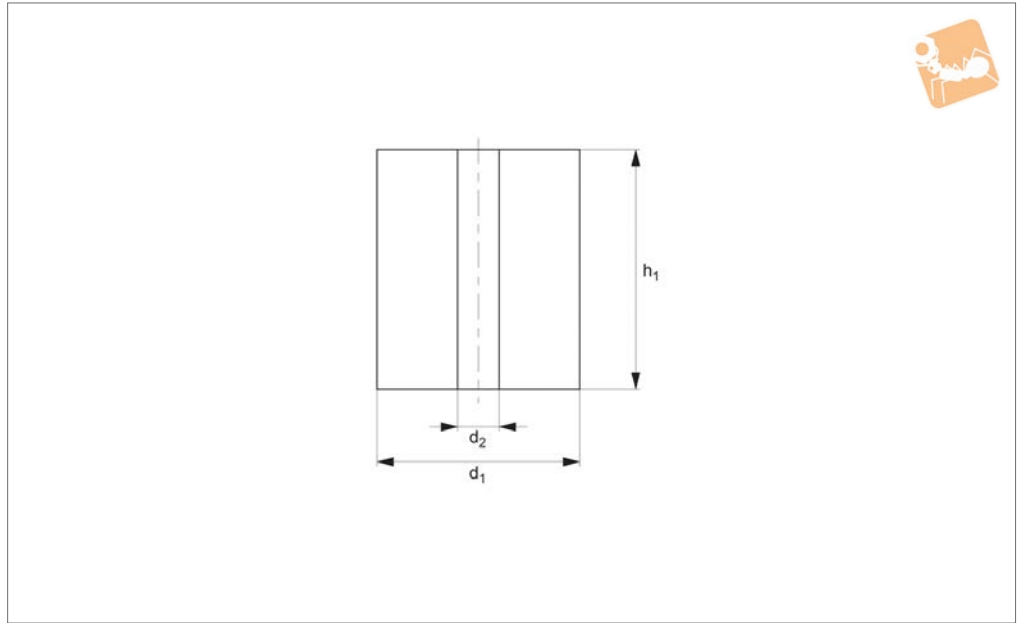
Supports axial and radial loads but not

designed for traction or tension loads. For radial loads please contact our Technical Department.

Order No.	d ₁	h ₁	d ₂	d ₃	Compression max.	Axial load kgf max.
P2074.095	95	88	23	30	28	200
P2074.100	100	110	20	30	36	500
P2074.150	150	90	35	35	24	2000
P2074.188	188	180	41	41	80	3500
P2074.155	155	150	30	25	64	2500
P2074.144	144	122	40	23	48	1000



P2075



Material

Rubber (hardness - Shore 55 A).

Technical Notes

Used in a wide range of vibrating

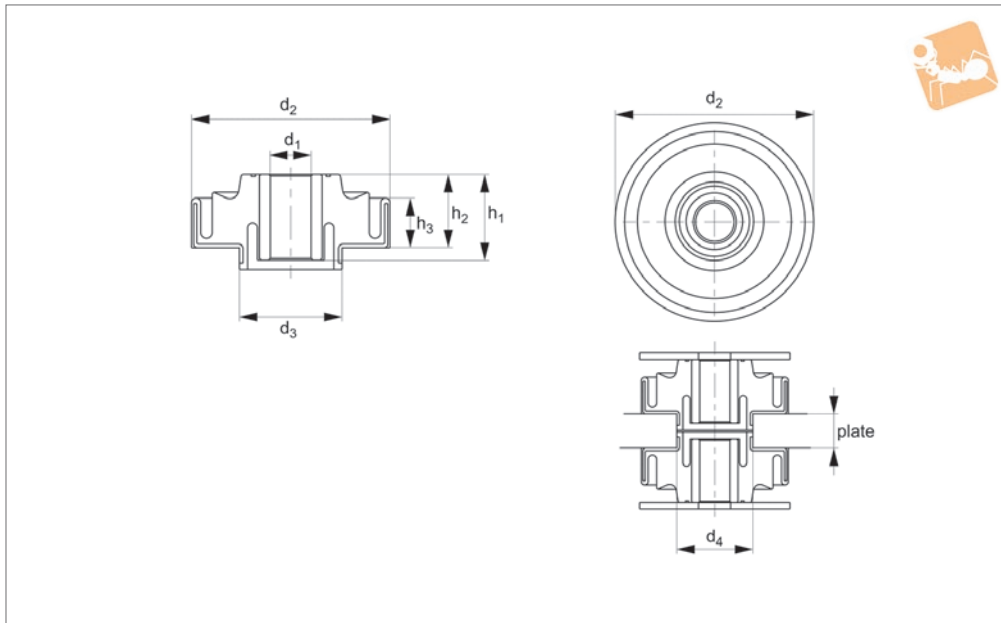
machines.

Allows high deformation with excellent spring back characteristics.

Supports axial and radial loads but not

designed for traction or tension loads. For radial loads please contact our technical team.

Order No.	d ₁	h ₁	d ₂
P2075.020-015	20	15	6
P2075.030-020	30	20	8
P2075.030-022	30	22	8
P2075.035-030	35	30	12
P2075.035-040	35	40	12
P2075.040-030	40	30	10
P2075.045-035	45	35	10
P2075.045-045	45	45	10
P2075.050-045	50	45	10
P2075.060-040	60	40	12
P2075.070-045	70	45	14
P2075.080-050	80	50	16
P2075.080-080	80	80	20
P2075.093-120	93	120	20
P2075.100-060	100	60	20
P2075.100-147	100	147	20
P2075.110-070	110	70	22
P2075.130-060	130	60	25
P2075.148-190	148	190	50
P2075.160-100	160	100	30
P2075.170-110	170	110	31
P2075.200-125	200	125	70
P2075.250-300	250	300	60



P2076

ANTI-VIBRATION COMPONENTS

Material

Rubber on yellow zinc plated steel (rubber hardness 45-65 shore).

Technical Notes

These mounts are installed in pairs. Installation is simplified as both mounts are fixed with one through bolt and washers at each end of the installed mount.

The mount is provided with a built in snubbing system that allows the following maximum displacements:

cements:

- Vertical: ± 6 mm
- Horizontal: ± 3 mm

Tips

These mounts are for use in agricultural or construction equipment, marine equipment, generators, compressors and chassis frames.

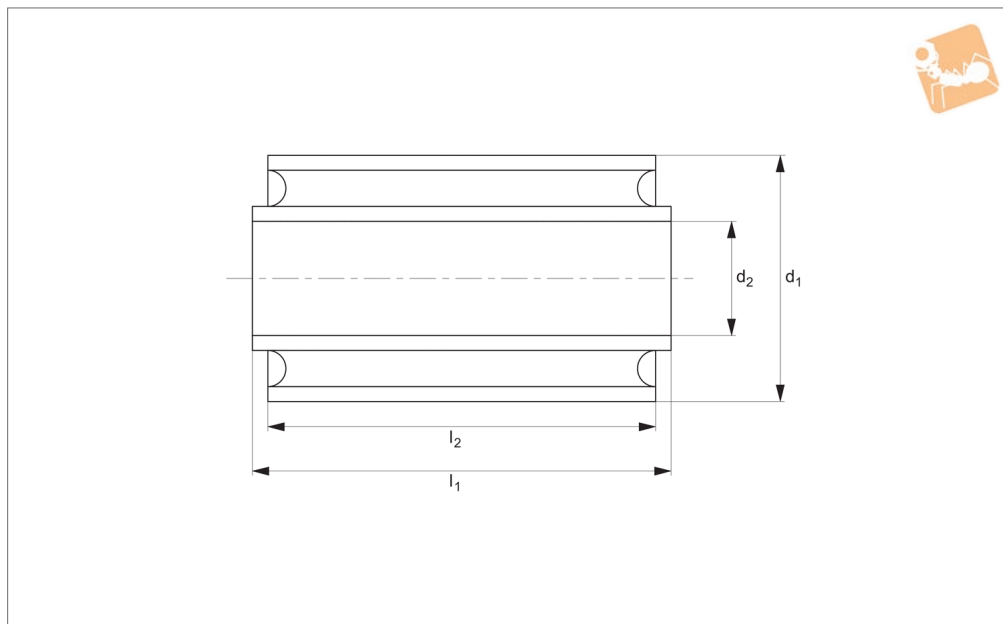
Important Notes

These mounts are provided with a built in radial wear plate that prevents the elastic element coming into contact with the sharp edges of laser cut holes in support frames or structures that can cause friction in traditionally used semi-bonded mounts. This wear plate reduces the need to machine radius or chamfer holes, reducing cost. The specific design permits high dynamic loading whilst limiting movement due to their multi-axial snubbing.

Order No.	d ₁	h ₁	d ₂	d ₃	d ₄	h ₂	h ₃	Load N max.	Plate min.	Weight g
P2076.60-45	16.5	34.5	66.0	39.5	40	28.0	16.0	70	20	140
P2076.60-55	16.5	34.5	66.0	39.5	40	28.0	16.0	120	20	140
P2076.60-65	16.5	34.5	66.0	39.5	40	28.0	16.0	170	20	140
P2076.65-45	18.9	38.0	65.5	40.5	41	29.0	19.0	70	20	175
P2076.65-55	18.9	38.0	65.5	40.5	41	29.0	19.0	120	20	175
P2076.65-65	18.9	38.0	65.5	40.5	41	29.0	19.0	170	20	175
P2076.80-45	16.5	37.0	78.5	37.5	38	32.5	18.0	90	20	242
P2076.80-55	16.5	37.0	78.5	37.5	38	32.5	18.0	140	20	242
P2076.80-65	16.5	37.0	78.5	37.5	38	32.5	18.0	200	20	242
P2076.110-45	22.5	47.0	109	56.5	57	40.0	27.5	235	25	630
P2076.110-55	22.5	47.0	109	56.5	57	40.0	27.5	375	25	630
P2076.110-65	22.5	47.0	109	56.5	57	40.0	27.5	550	25	630



P2070



Material
Rubber on steel.

noise. The internal bush can move axially, radially, torsionally and pendular. when putting into place.

Technical Notes
Useful to isolate vibration and reduce

Tips
Install by only pushing on external ring

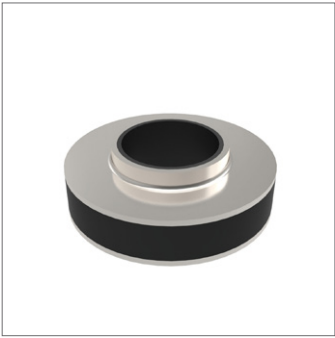
Order No.	d ₁	d ₂	l ₁	l ₂	Radial compression mm	Axial load kgf max.	Radial load kgf max.	Axial compression mm
P2070.008-016	16	8	15	15	0.2	15	30	0.8
P2070.009-020	20.5	9.5	15	13	0.2	15	35	1.0
P2070.010-021	21	10	26	24	0.4	25	70	1.5
P2070.010-027	27	10	20	20	0.2	25	80	1.0
P2070.011-024	24	11	18	16	0.3	24	90	0.8
P2070.012-026	26	12	24	20	0.5	27	70	1.7
P2070.012-050	50	12	50	45	1.1	60	200	2.1
P2070.012-054	54	12.8	44.5	40	1.0	50	180	2.0
P2070.014-027	27	14	54	48	0.4	95	330	1.5
P2070.014-030	30	14	28	25	0.3	40	120	2.0
P2070.014-031	31	14	35	33	0.3	70	170	2.0
P2070.015-030	30	14.5	42	38	0.2	48	150	1.8
P2070.015-050	50	14.5	24	20	0.9	45	70	2.0
P2070.016-044	44	16	32	28	0.7	47	88	1.6
P2070.016-054	54	16	28	22	1.5	40	80	3.4
P2070.018-035	35	18	40	40	0.3	80	190	2.0
P2070.018-043	43.5	18	42	35	0.8	85	200	3.8
P2070.020-040	40	20	46	40	0.4	80	250	1.2
P2070.020-041	41	20	20.5	20.5	0.4	40	100	1.0
P2070.020-045	45	20	62.5	59.5	0.5	160	300	1.1
P2070.022-040	40	22	45	40	0.5	115	850	2.2
P2070.022-063	63	22	72	65	0.6	265	670	4.0
P2070.024-042	42	24	55	50	0.5	150	550	1.8
P2070.024-050	50	24	71	65	0.7	220	750	2.4
P2070.025-045	45	25	50	50	0.5	150	550	1.8
P2070.025-065	65	25	55	45	0.6	180	450	3.8
P2070.025-083	83	25	100	90	2.0	130	400	5.0
P2070.028-048	48	28	36	34	0.7	100	210	2.5
P2070.028-065	65	28	70	65	1.7	280	600	4.8
P2070.028-075	75	28	135	125	0.5	480	1600	2.3
P2070.032-075	75	32	102	102	1.2	450	1350	3
P2070.038-064	64	38	76	70	0.4	380	860	2.6
P2070.040-075	75	40	70	57	0.6	350	600	2.8



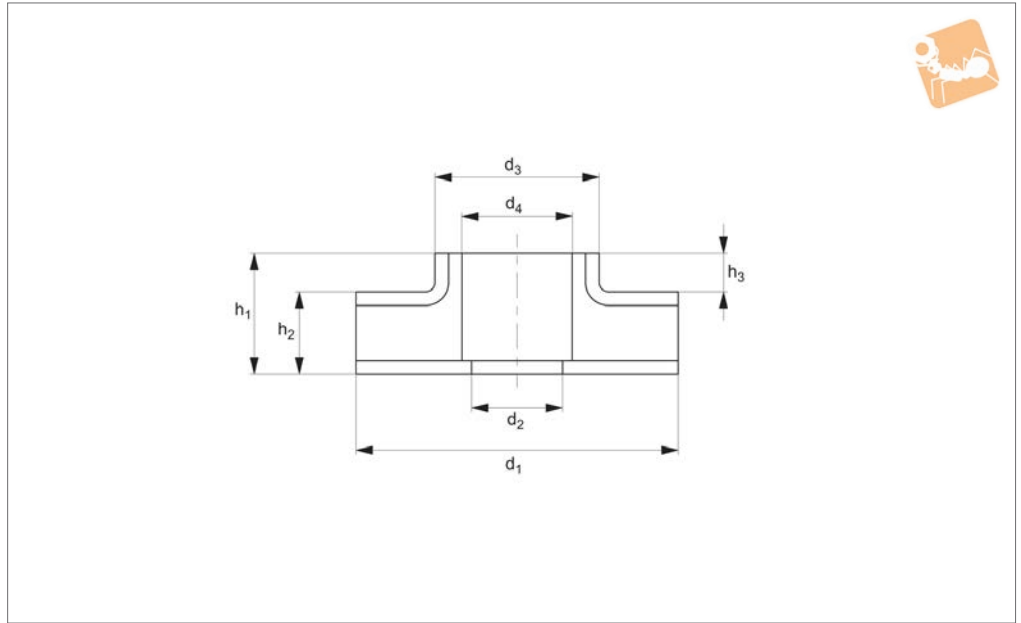
Anti-vibration Bushes metal-rubber

Anti-Vibration Components

Order No.	d ₁	d ₂	l ₁	l ₂	Radial compression mm	Axial load kgf max.	Radial load kgf max.	Axial compression mm
P2070.042-078	78	42	86	80	0.5	350	1100	2.4
P2070.048-093	93	48	80	76	0.6	800	1500	5.3
P2070.050-090	90	50	100	86	0.5	800	1500	5.1
P2070.058-085	85	58	142	90	0.5	350	1800	1.6
P2070.060-110	110	60	182	170	0.6	800	3000	1.8
P2070.070-120	120	70	115	110	1.0	800	3500	3.5
P2070.080-140	140	80	180	170	0.5	1500	7500	2.5
P2070.100-145	145	100	120	110	0.4	850	2700	2.2
P2070.160-222	222	160	158	158	1.0	1600	6000	2.3



P2080



Material

Rubber on silver zinc plated steel.

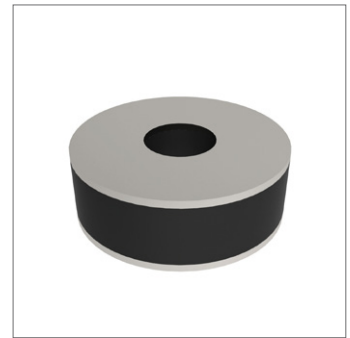
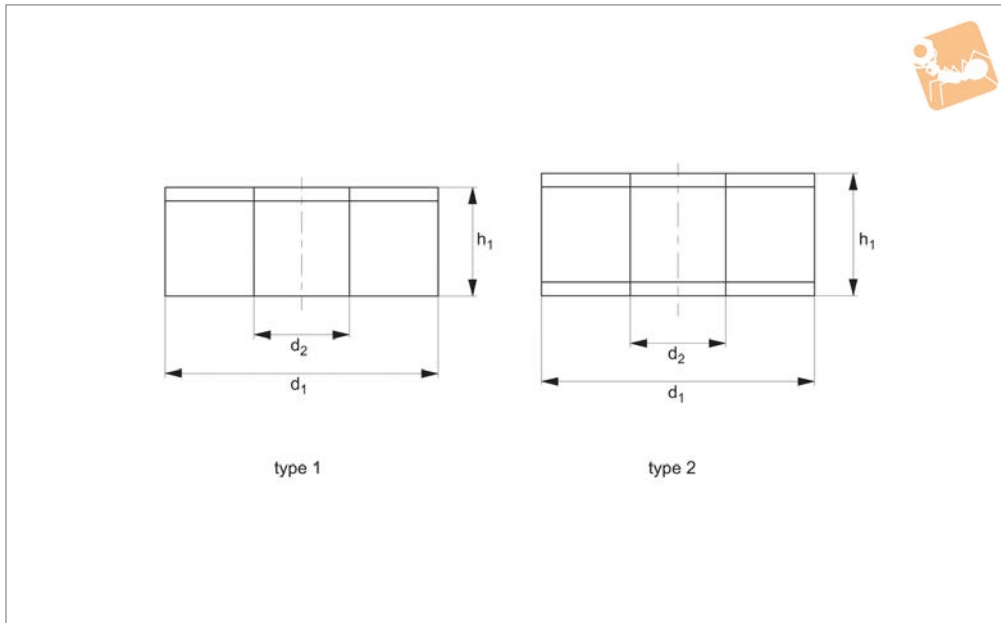
withstand under compression.

Used where axial and radial loads are present. For frequencies higher than 20Hz.

Technical Notes

Static load relates to the load the unit can

Order No.	d_1	d_2	d_3	d_4	h_1	h_2	h_3	Static load N max.
P2080.036	36	8.5	18	12	14	10	4	100
P2080.037	36	16.5	20	16.5	11.5	8.5	3	120
P2080.050	50	16.5	23	20	22	13.5	8.5	150
P2080.051	50	28	34	28	18	10.5	7.5	100
P2080.055	55	24	31	28	15	11.5	3.5	175
P2080.060	60	20.5	27	24	22	13	9	240
P2080.075	75	24.5	33	29.5	27	20	8	300



P2081

ANTI-VIBRATION COMPONENTS

Material

Rubber on silver zinc plated steel.

withstand under compression. Used where axial and radial loads are present.

Technical Notes

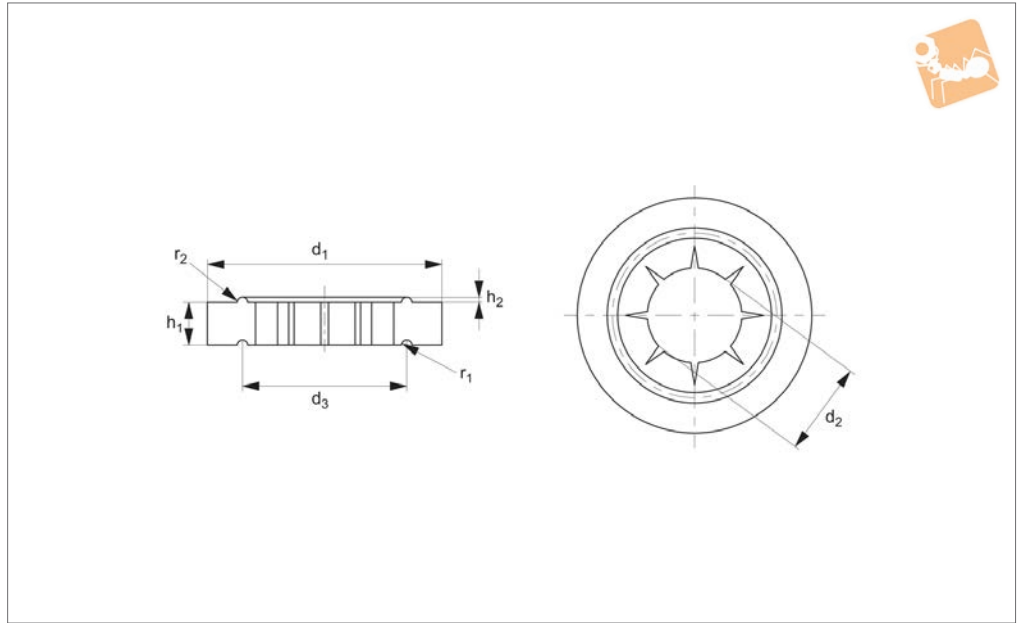
Static load relates to the load the unit can

For frequencies higher than 20Hz.

Order No.	Type	d ₁	d ₂	h ₁
P2081.040	Type 1	40	12	20
P2081.041	Type 1	40	14	15
P2081.050	Type 1	50	16	20
P2081.060	Type 1	60	22	30
P2081.075	Type 1	75	25	25
P2081.100	Type 1	100	32	60
P2081.550	Type 2	50	15	30
P2081.560	Type 2	60	20	30
P2081.570	Type 2	70	20	30
P2081.600	Type 2	100	41	35



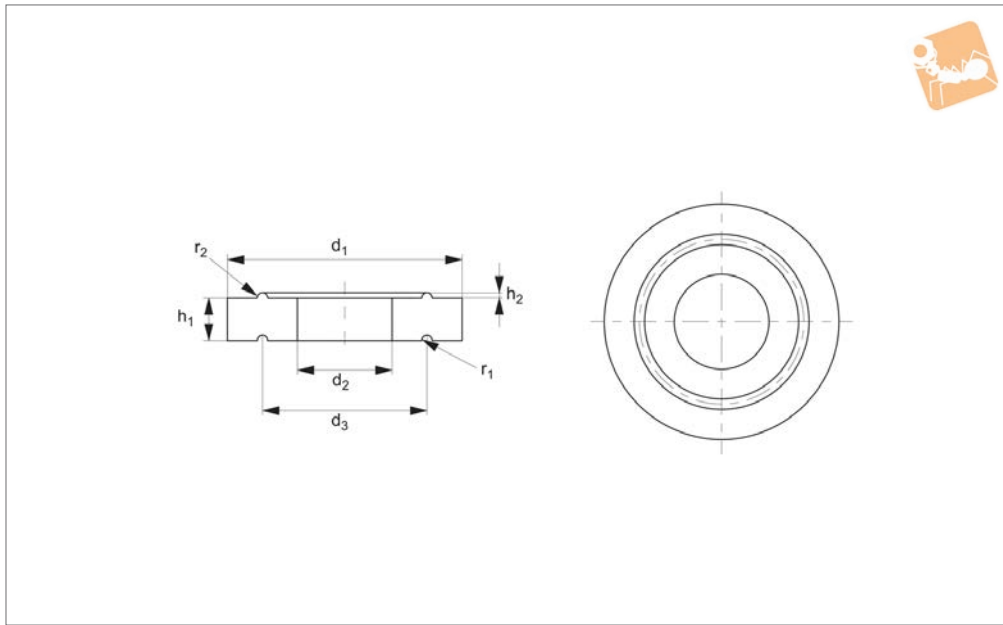
P2082



Material

Rubber on silver zinc plated steel (rubber hardness - 65 Shore A).

Order No.	d ₁	d ₂	d ₃	h ₁	h ₂	r ₁	r ₂	Compression max.	Axial load kgf max.
P2082.162	162	66	114	30	2.5	4.5	2.5	5	2000
P2082.170	170	95	125	23	2.5	5	2.5	4	2000
P2082.210	210	88	164	24	2	4	2	4.5	6000



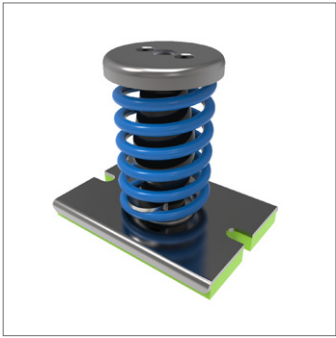
P2083

ANTI-VIBRATION COMPONENTS

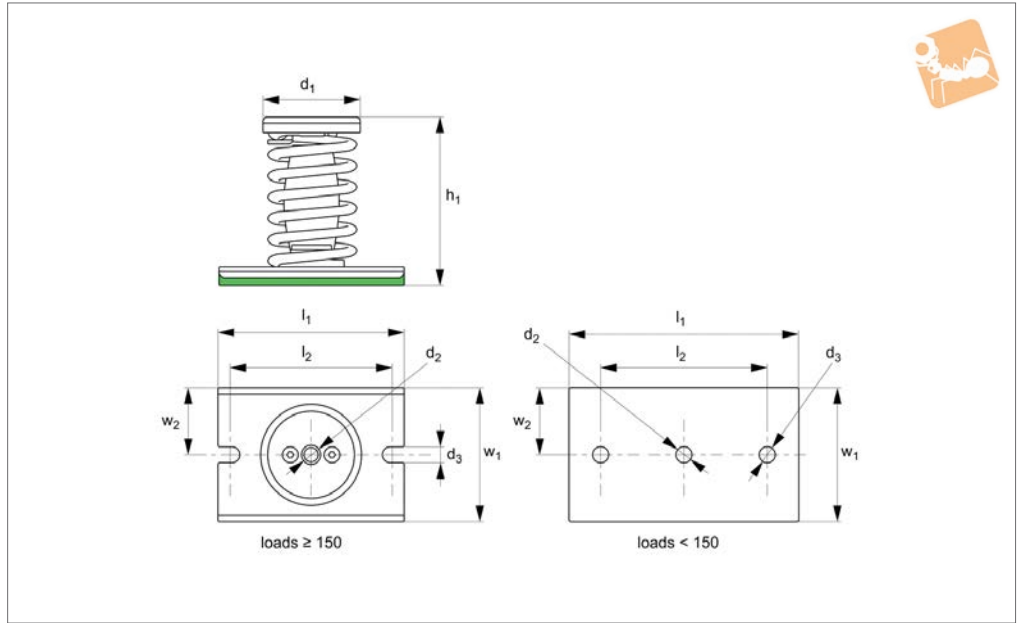
Material

Rubber (hardness 70 Shore A).

Order No.	d ₁	d ₂	d ₃	h ₁	h ₂	r ₁	r ₂	Compression max.	Axial load kgf max.
P2083.070	70	30	50	14	2	7	4	2	200
P2083.072	72	32	52	23	2	2	2	7	400
P2083.073	72	32	52	23	2	2	2	8.5	900
P2083.076	76	37	58	12.5	3.5	2.5	2.5	2	550
P2083.114	114	66	90	15	3	3	3	3.2	500
P2083.115	114	66	90	15	3	3	3	5	1500
P2083.116	116	52	84	23.5	2.5	3.5	2.5	3.5	800
P2083.117	116	52	84	23.5	2.5	3.5	2.5	3.5	1000
P2083.120	120	50	85	27.5	2.5	2.5	2.5	3.5	1000
P2083.174	174	126	150	15	3	3	3	2	2000
P2083.192	192	55	122	31	3	4	3	3.1	4340
P2083.207	207	108	160	28	2	4	4	2.5	3000



P2452



Material

High tensile steel with sylomer anti-slide base.

porate, isolates the mid-high frequency vibrations which are transmitted through the coils of the metal springs.

compressors, pump and pumping equipment and acoustic isolation of premises.

Technical Notes

The sylomer mat that these dampers incor-

Tips

These are used in sectors such as air

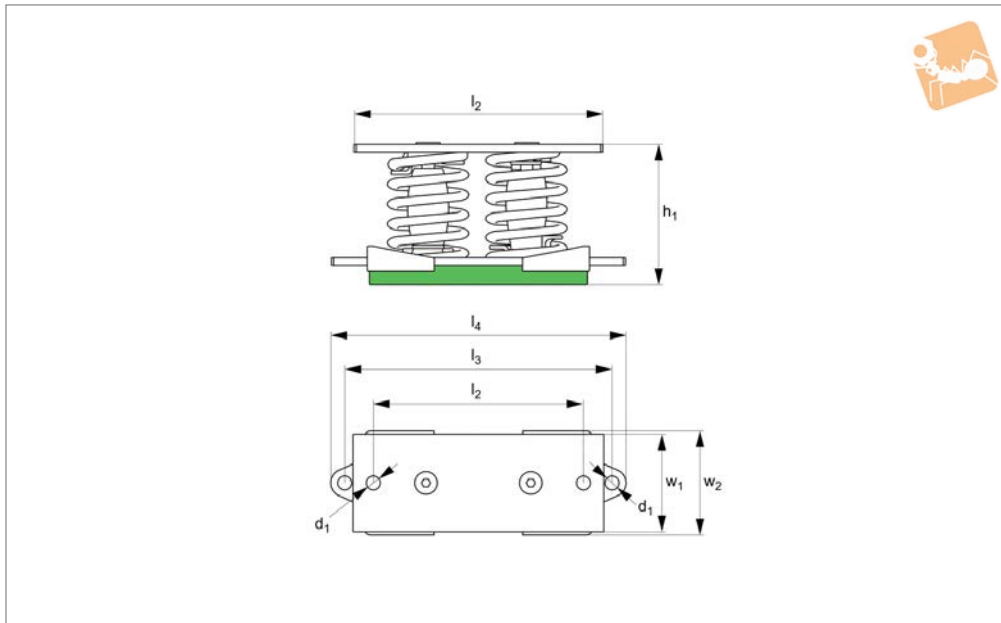
Order No.	Spring colour	l_1	h_1	d_1	w_1	d_2	d_3	l_2	w_2	Compression max.	Load kgf max.	Weight kg
P2452.008-025	Black	100	78	54	69.5	M 8	8.5	80	34.75	20	25	0.29
P2452.008-050	Blue	100	78	54	69.5	M 8	8.5	80	34.75	20	50	0.27
P2452.008-075	Grey	100	78	54	69.5	M 8	8.5	80	34.75	20	75	0.30
P2452.008-100	Beige	100	78	54	69.5	M 8	8.5	80	34.75	20	100	0.35
P2452.008-125	White	100	78	54	69.5	M 8	8.5	80	34.75	20	125	0.395
P2452.012-150	Blue	140	127	75	98.5	M12	12	120	49.25	30	150	1.10
P2452.012-200	White	140	127	75	98.5	M12	12	120	49.25	30	200	1.14
P2452.012-250	Black	140	127	75	98.5	M12	12	120	49.25	30	250	1.23
P2452.012-350	Cream	140	127	75	98.5	M12	12	120	49.25	30	350	1.39
P2452.014-500	Light Grey	140	127	93	98.5	M14	12	120	49.25	18	500	2.56
P2452.014-750	Green	140	127	93	98.5	M14	12	120	49.25	18	750	3.04



Spring Vibration Damper two spring

two spring

Anti-Vibration Components



P2453

ANTI-VIBRATION COMPONENTS

Material

High tensile steel with sylomer anti-slide base

porate, isolates the mid-high frequency vibrations which are transmitted through the coils of the metal springs.

compressors, pump and pumping equipment and acoustic isolation of premises.

Technical Notes

The sylomer mat that these dampers incor-

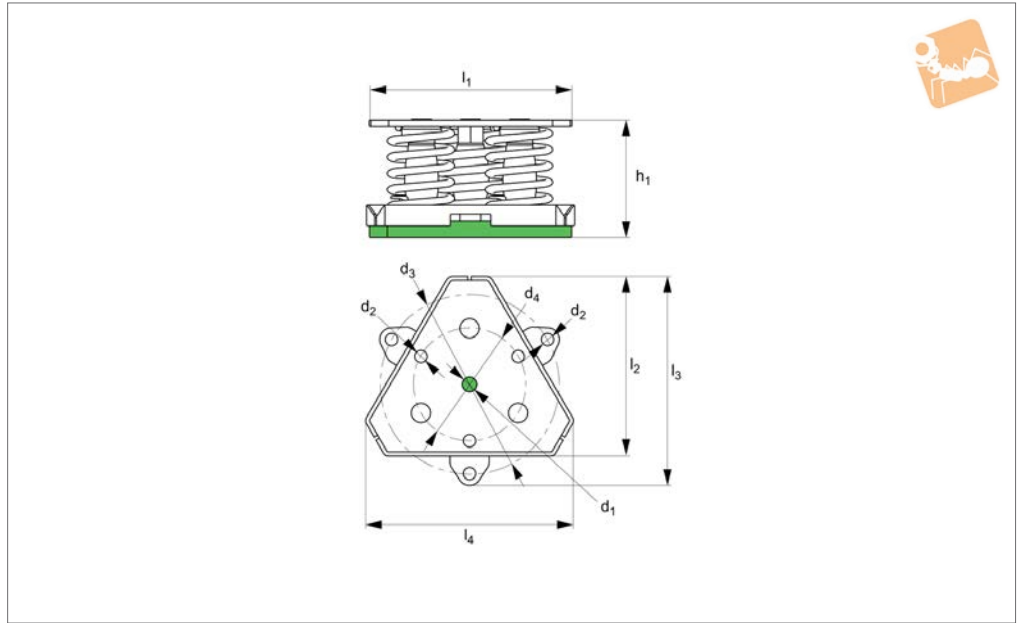
Tips

These are used in sectors such as air

Order No.	Spring colour	l_1	h	d	w_1	l_2	l_3	l_4	w_2	Compression max.	Load kgf max.	Weight kg
P2453.012-0300	Blue	200	136	12	75	170	220	244	81	30	300	3.10
P2453.012-0400	White	200	136	12	75	170	220	244	81	30	400	3.17
P2453.012-0500	Black	200	136	12	75	170	220	244	81	30	500	3.35
P2453.012-0700	Cream	200	136	12	75	170	220	244	81	30	700	3.70
P2453.014-1000	Light Grey	250	136	14	100	210	270	298	106	17	1000	5.90
P2453.014-1500	Green	250	136	14	100	210	270	298	106	17	1500	6.84



P2454



Material

High tensile steel with sylomer anti-slide base

porate, isolates the mid-high frequency vibrations which are transmitted through the coils of the metal springs.

compressors, pump and pumping equipment and acoustic isolation of premises.

Technical Notes

The sylomer mat that these dampers incor-

Tips

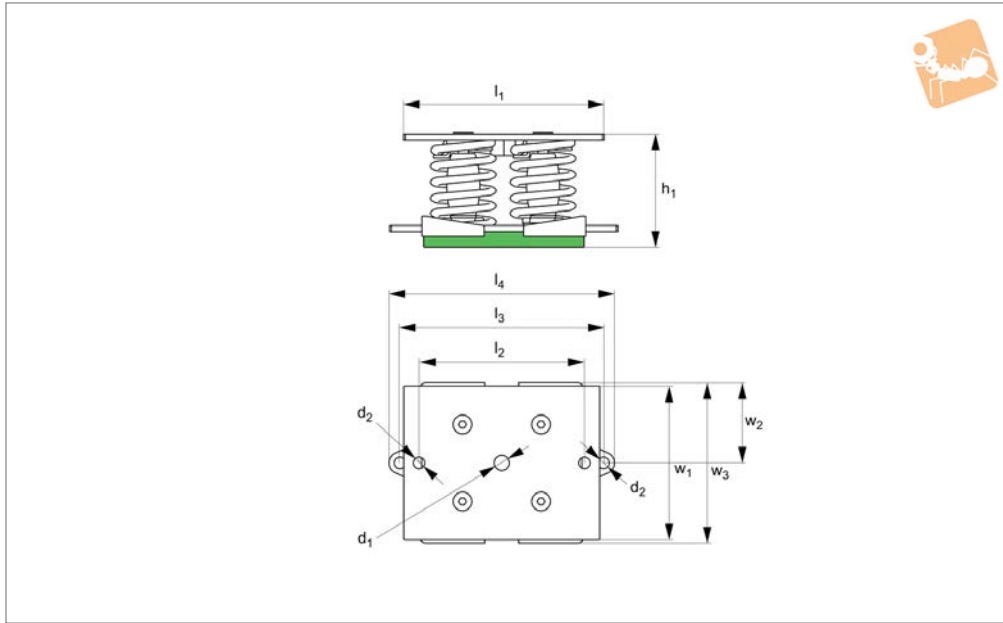
These are used in sectors such as air

Order No.	Spring colour	l_1	h	d_1	d_2	d_3	l_2	l_3	l_4	Compression max.	Load kgf max.	Weight kg
P2454.016-0450	Blue	196.3	136	M16	12	180	175	207.7	201.4	30	450	4.60
P2454.016-0600	White	196.3	136	M16	12	180	176	207.7	201.4	30	600	4.71
P2454.016-0750	Black	196.3	136	M16	12	180	176	207.7	201.4	30	750	4.98
P2454.016-1050	Cream	196.3	136	M16	12	180	176	207.7	201.4	30	1050	5.52
P2454.020-1500	Light Grey	246.0	136	M20	14	220	219	255.7	251.0	17	1500	8.56
P2454.020-2250	Green	246.0	136	M20	14	220	219	255.7	251.0	17	2250	9.96



Spring Vibration Damper four spring four spring

Anti-Vibration Components



P2455

ANTI-VIBRATION COMPONENTS

Material

High tensile steel with sylomer anti-slide base.

porate, isolates the mid-high frequency vibrations which are transmitted through the coils of the metal springs.

compressors, pump and pumping equipment and acoustic isolation of premises.

Technical Notes

The sylomer mat that these dampers incor-

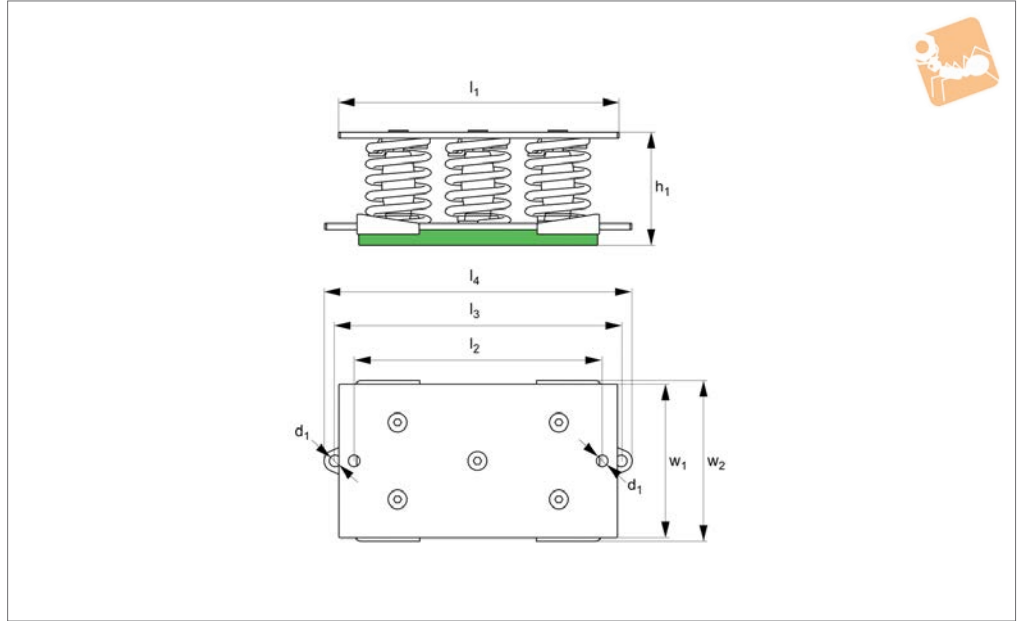
Tips

These are used in sectors such as air

Order No.	Spring colour	l_1	h	d_1	w_1	d_2	l_2	l_3	l_4	w_2	w_3	Compression max.	Load kgf max.	Weight kg
P2455.016-0600	Blue	200	136	M16	150	12	170	190	214	75	156	30	600	6.41
P2455.016-0800	White	200	136	M16	150	12	170	190	214	75	156	30	800	6.57
P2455.016-1000	Black	200	136	M16	150	12	170	190	214	75	156	30	1000	6.70
P2455.016-1400	Cream	200	136	M16	150	12	170	190	214	75	156	30	1400	7.64
P2455.020-2000	Light Grey	250	136	M20	200	14	210	260	288	100	206	18	2000	12.10
P2455.020-3000	Green	250	136	M20	200	14	210	260	288	100	206	18	3000	13.96



P2456



Material

High tensile steel with sylomer anti-slide base.

porate, isolates the mid-high frequency vibrations which are transmitted through the coils of the metal springs.

compressors, pump and pumping equipment and acoustic isolation of premises.

Technical Notes

The sylomer mat that these dampers incor-

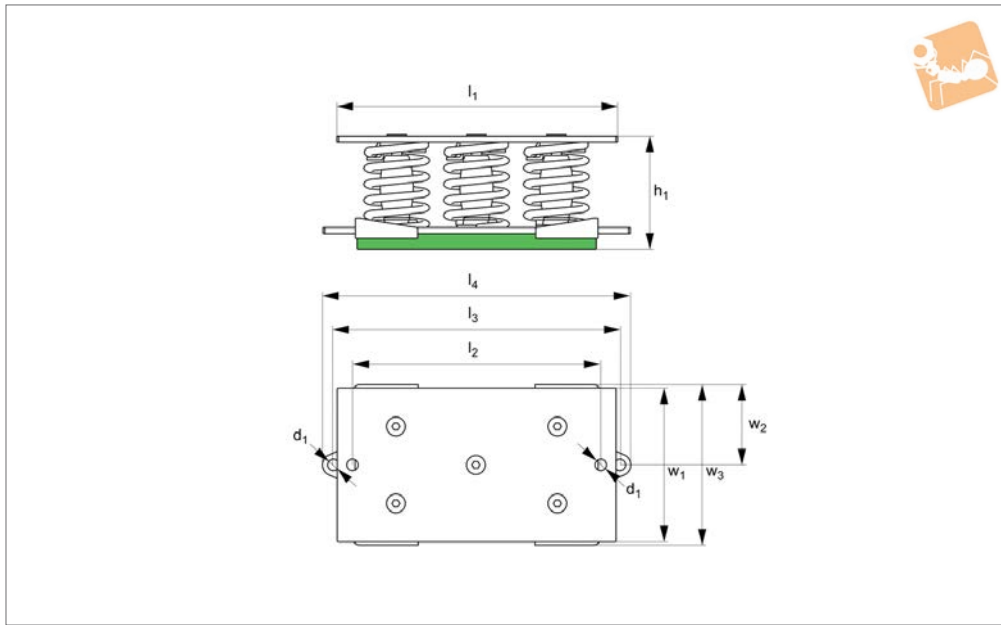
Tips

These are used in sectors such as air

Order No.	Spring colour	l_1	h	d	w_1	l_2	l_3	l_4	w_2	Compression max.	Load kgf max.	Weight kg
P2456.016-0750	Blue	280	136	16	150	251	290	322	156	30	750	8.50
P2456.016-1000	White	280	136	16	150	251	290	322	156	30	1000	8.69
P2456.016-1250	Black	280	136	16	150	251	290	322	156	30	1250	9.16
P2456.016-1750	Cream	280	136	16	150	251	290	322	156	30	1750	10.03
P2456.018-2500	Light Grey	350	136	18	200	315	360	396	206	18	2500	15.71
P2456.018-3750	Green	350	136	18	200	315	360	396	206	18	3750	18.05



Spring Vibration Damper six spring six spring



P2457

ANTI-VIBRATION COMPONENTS

Material

High tensile steel with sylomer anti-slide base.

porate, isolates the mid-high frequency vibrations which are transmitted through the coils of the metal springs.

compressors, pump and pumping equipment and acoustic isolation of premises.

Technical Notes

The sylomer mat that these dampers incor-

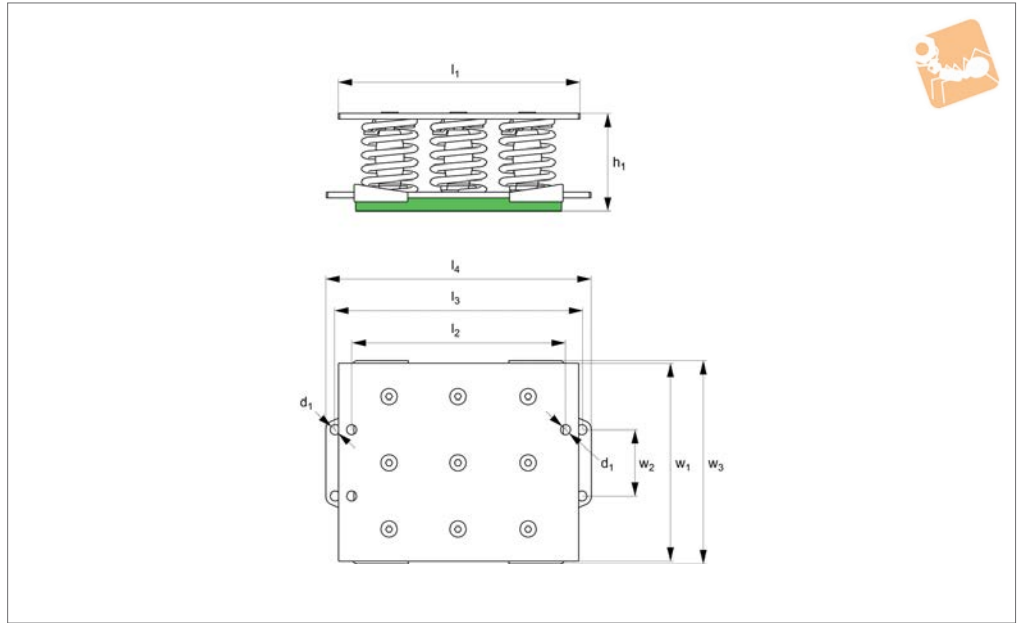
Tips

These are used in sectors such as air

Order No.	Spring colour	l_1	h	d	w_1	l_2	l_3	l_4	w_2	w_3	Compression max.	Load kgf max.	Weight kg
P2457.016-0900	Blue	280	136	16	150	248	290	322	75	156	30	900	8.93
P2457.016-1200	White	280	136	16	150	248	290	322	75	156	30	1200	9.16
P2457.016-1500	Black	280	136	16	150	248	290	322	75	156	30	1500	9.68
P2457.016-2100	Cream	280	136	16	150	248	290	322	75	156	30	2100	10.77
P2457.018-3000	Light Grey	350	136	18	200	300	360	396	100	206	18	3000	16.84
P2457.018-4500	Green	350	136	18	200	300	360	396	100	206	18	4500	19.65



P2458



Material

High tensile steel with sylomer anti-slide base.

porate, isolates the mid-high frequency vibrations which are transmitted through the coils of the metal springs.

compressors, pump and pumping equipment and acoustic isolation of premises.

Technical Notes

The sylomer mat that these dampers incor-

Tips

These are used in sectors such as air

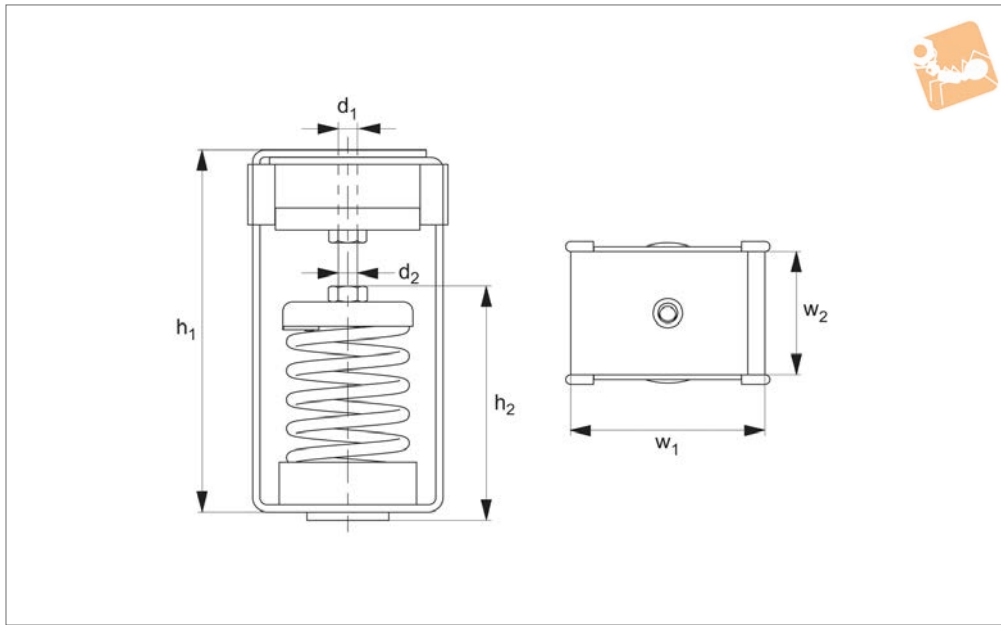
Order No.	Spring colour	l_1	h	d	w_1	l_2	l_3	l_4	w_2	w_3	Compression max.	Load kgf max.	Weight kg
P2458.016-1350	Blue	280	136	16	226	248	290	322	75	232	30	1350	13.70
P2458.016-1800	White	280	136	16	226	248	290	322	75	232	30	1800	14.04
P2458.016-2250	Black	280	136	16	226	248	290	322	75	232	30	2250	14.83
P2458.016-3150	Cream	280	136	16	226	248	290	322	75	232	30	3150	16.46
P2458.018-4500	Light Grey	350	136	18	300	310	360	396	150	306	18	4500	21.54
P2458.018-6750	Green	350	136	18	300	310	360	396	150	306	18	6750	31.75



Acoustic Ceiling Hangers

with spring and pad

Anti-Vibration Components



P2500.AV

ANTI-VIBRATION COMPONENTS

Material

Zinc plated steel (anti-corrosive treatment) with Sylomer® pad and steel spring.

Technical Notes

These hangers come in six different steel

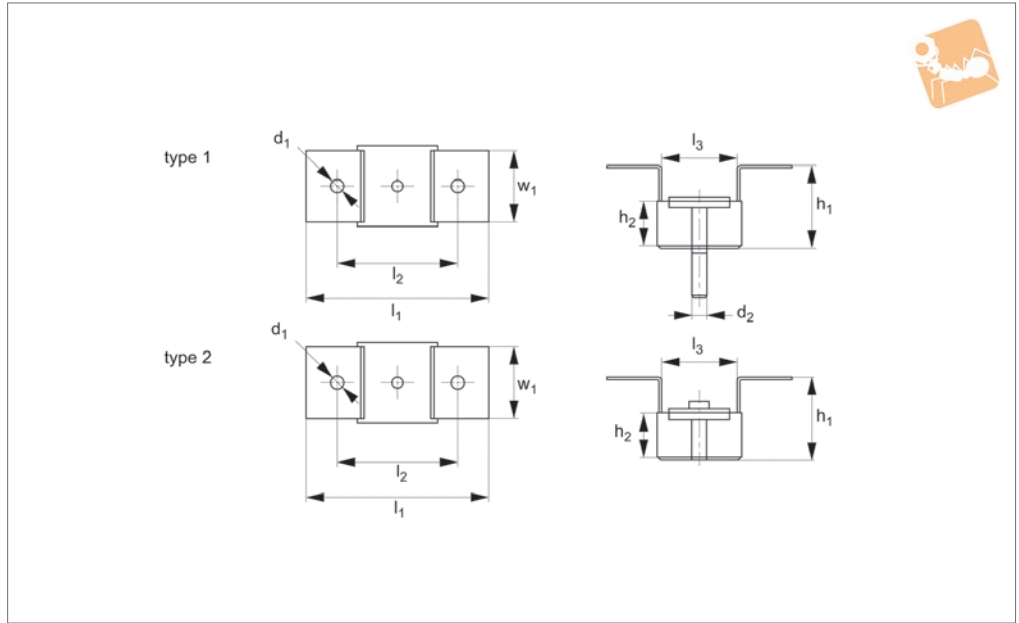
spring strengths for increasing loads.

The metal housing has an anti-corrosive treatment, which can with stand very harsh conditions and also resist high tensile stresses up to 1000kg.

Order No.	d ₁	w ₁	h ₁	d ₂	h ₂	w ₂	Compression max.	Load kgf max.
P2500.150-025	12	79	150	M8	94	50	18	25
P2500.150-050	12	79	150	M8	94	50	18	50
P2500.150-075	12	79	150	M8	94	50	18	75
P2500.150-100	12	79	150	M8	94	50	18	100
P2500.150-125	12	79	150	M8	94	50	20	125
P2500.150-150	12	79	150	M8	94	50	20	150



P2501



Material

Zinc plated steel (anti-corrosive treatment) with Sylomer® pad.

Technical Notes

These hangers are manufactured with two

different mixes of Sylomer® for the two different load ratings. The metal parts can withstand tensile stresses from 650kg - 1000kg.

They are put through an anti-corrosive

treatment, which can withstand harsh conditions.

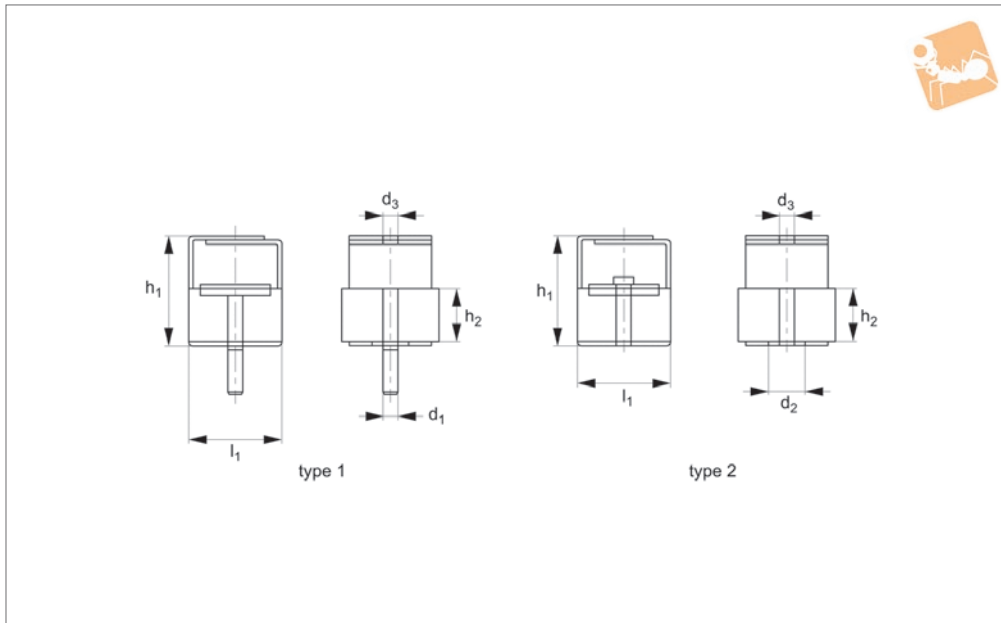
Order No.	Type	d ₁	w ₁	h ₁	d ₂	h ₂	l ₁	l ₂	l ₃	Compression max.	Load kgf max.
P2501.100-030	Type 1	7	40	46.5	M6	25	100	66.0	40	8	30
P2501.100-075	Type 1	7	40	46.5	M6	25	100	66.0	40	6	75
P2501.135-060	Type 1	11	55	65.0	M6	25	130	98.5	49	9	60
P2501.135-150	Type 1	11	55	65.0	M6	25	130	98.5	49	6	150
P2501.100-230	Type 2	7	40	46.5	M6	25	100	66.0	40	8	30
P2501.100-275	Type 2	7	40	46.5	M6	25	100	66.0	40	6	75
P2501.135-260	Type 2	11	55	65.0	M6	25	130	98.5	49	9	60
P2501.135-350	Type 2	11	55	65.0	M6	25	130	98.5	49	6	150



Acoustic Ceiling Hangers without nut

without nut

Anti-Vibration Components



P2502

ANTI-VIBRATION COMPONENTS

Material

Zinc plated steel (anti-corrosive treatment) with Sylomer® pad.

Technical Notes

These hangers are manufactured with two

different mixes of Sylomer® for the two different load ratings. The metal parts can withstand tensile stresses from 650kg - 1000kg.

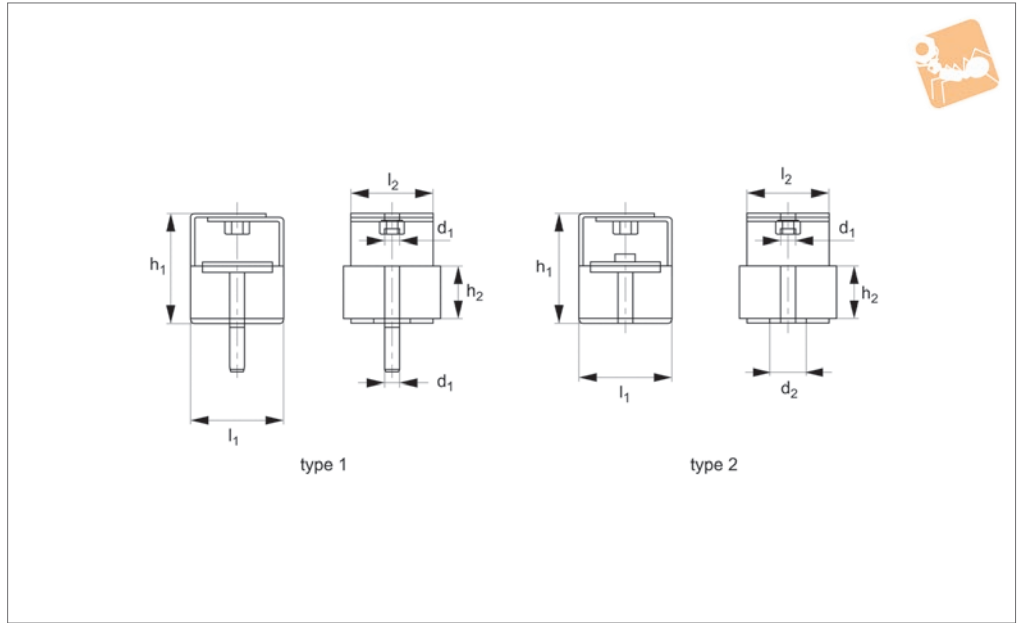
They are put through an anti-corrosive

treatment, which can withstand harsh conditions.

Order No.	Type	d ₁	h ₁	d ₂	d ₃	h ₂	l ₁	Compression max.	Load kgf max.
P2502.044-030	Type 1	M6	47	18	8	25	44	8	30
P2502.044-075	Type 1	M6	47	18	8	25	44	6	75
P2502.044-230	Type 2	M6	47	18	8	25	44	8	30
P2502.044-275	Type 2	M6	47	18	8	25	44	6	75
P2502.056-060	Type 1	M6	67	18	55	25	56	9	60
P2502.056-150	Type 1	M6	67	18	55	25	56	6	150
P2502.056-260	Type 2	M6	67	18	55	25	56	9	60
P2502.056-350	Type 2	M6	67	18	55	25	56	6	150



P2503



Material

Zinc plated steel (anti-corrosive treatment) with Sylomer® pad.

Technical Notes

These hangers are manufactured with two

different mixes of Sylomer® for the two different load ratings. The metal parts can withstand tensile stresses from 650kg - 1000kg.

They are put through an anti-corrosive

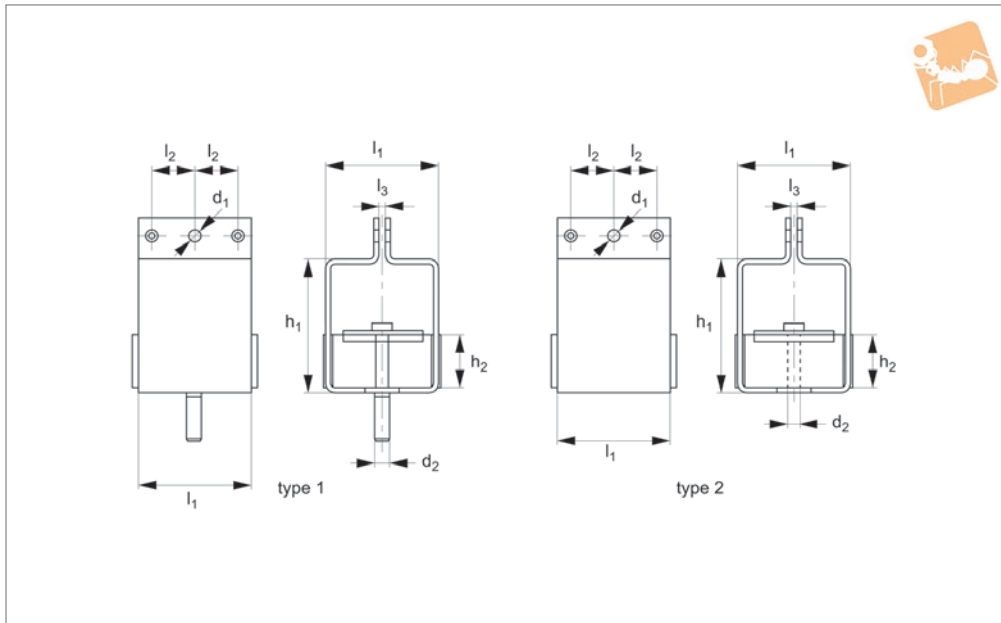
treatment, which can withstand harsh conditions.

Order No.	Type	d ₁	h ₁	d ₂	h ₂	l ₁	l ₂	Compression max.	Load kgf max.
P2503.044-030	Type 1	M6	47	18	25	44	39	8	30
P2503.044-075	Type 1	M6	47	18	25	44	39	6	75
P2503.044-230	Type 2	M6	47	18	25	44	39	8	30
P2503.044-275	Type 2	M6	47	18	25	44	39	6	75



Acoustic Ceiling Hangers with eyebeam fixing

Anti-Vibration Components



P2504

ANTI-VIBRATION COMPONENTS

Material

Zinc plated steel (anti-corrosive treatment) with Sylomer® pad.

Technical Notes

These hangers are manufactured with two

different mixes of Sylomer® for the two different load ratings. The metal parts can withstand tensile stresses from 650kg - 1000kg.

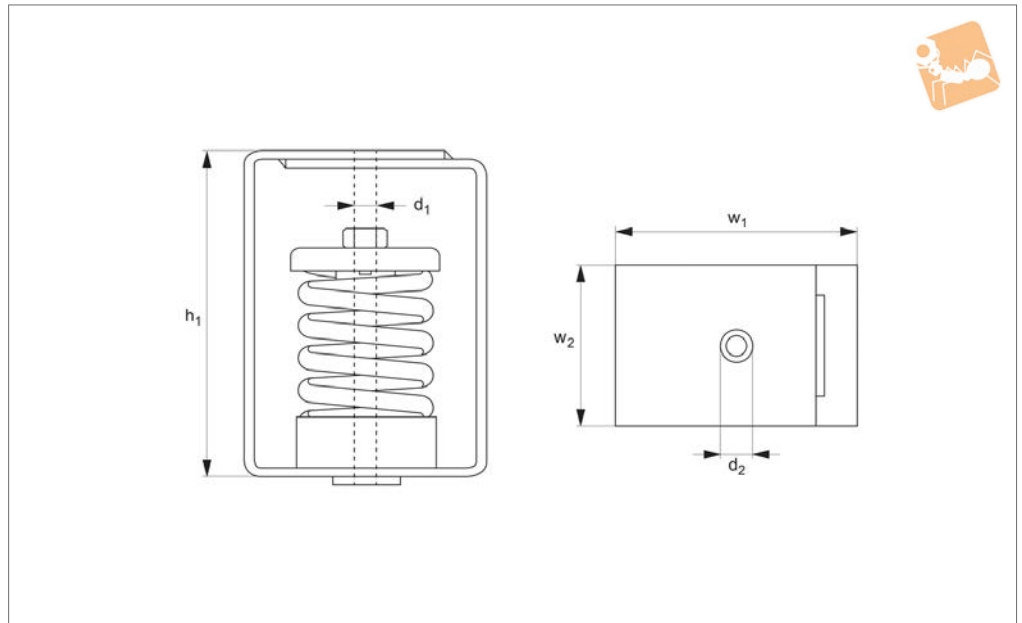
They are put through an anti-corrosive

treatment, which can withstand harsh conditions.

Order No.	Type	d ₁	h ₁	d ₂	h ₂	l ₁	l ₂	l ₃	Compression max.	Load kgf max.
P2504.055-060	Type 1	6	65	M6	25	55	21	3	9	60
P2504.055-150	Type 1	6	65	M6	25	55	21	3	6	150
P2504.055-260	Type 2	6	65	M6	25	55	21	3	9	60
P2504.055-350	Type 2	6	65	M6	25	55	21	3	6	150



P2551



Material

Zinc plated steel (anti-corrosive treatment).

where objects are suspended from ceilings. The spring in the body provides good anti-vibration properties.

load to be carried per unit. These hanger can be used for fans, distribution pipes, ducts and acoustic ceilings.

Technical Notes

These units are designed for installations

Tips

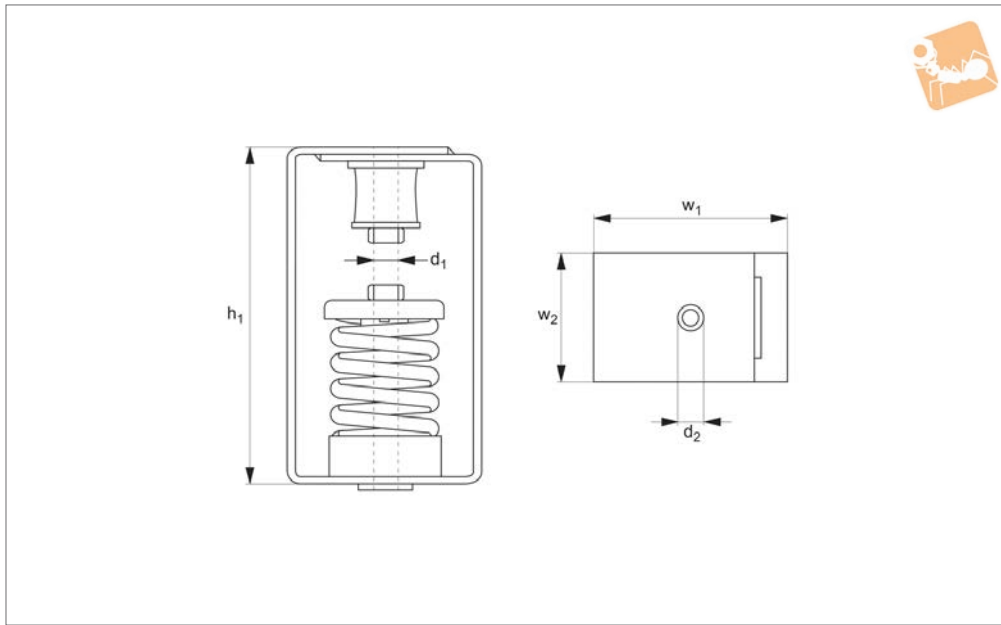
Select the damper corresponding to the

Order No.	d ₁	w ₁	h ₁	d ₂	w ₂	Load kgf max.
P2551.025	M 8	75	120	12	50	25
P2551.050	M 8	75	120	12	50	50
P2551.075	M 8	75	120	12	50	75
P2551.100	M 8	75	120	12	50	100
P2551.125	M 8	75	120	12	50	125
P2551.150	M12	120	160	16	80	150
P2551.200	M12	120	160	16	80	200
P2551.250	M12	120	160	16	80	250
P2551.350	M12	120	160	16	80	350
P2551.500	M14	140	180	18	100	500
P2551.750	M14	140	180	18	100	750



Acoustic Suspension Hanger top top mount

Anti-Vibration Components



P2552

ANTI-VIBRATION COMPONENTS

Material

Zinc plated steel and rubber.

The spring in the body provides good anti-vibration properties.

These hanger can be used for fans, distribution pipes, ducts and acoustic ceilings.

Technical Notes

These units are designed for installations where objects are suspended from ceilings.

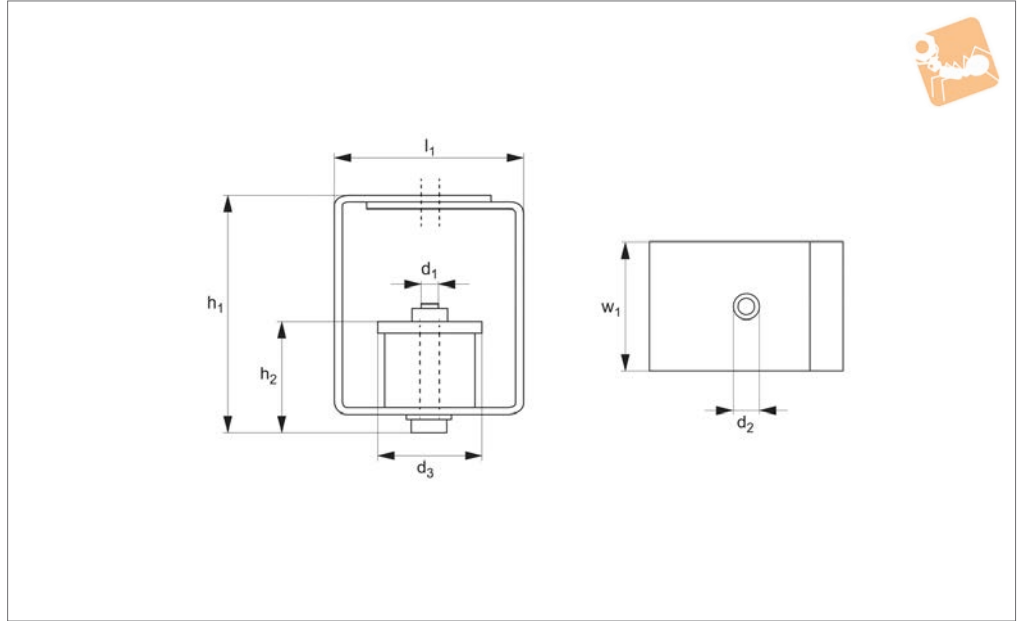
Tips

Select the damper corresponding to the load to be carried per unit.

Order No.	d ₁	w ₁	h ₁	d ₂	w ₂	h ₁	Load kgf max.
P2552.025	M8	75	150	12	50	25	25
P2552.050	M8	75	150	12	50	50	50
P2552.075	M8	75	150	12	50	75	75
P2552.100	M8	75	150	12	50	100	100
P2552.125	M8	75	150	12	50	125	125



P2553



Material

Steel anti-corrosive zinc plated, with rubber (50 shore A) cylinder.

where objects are suspended from ceilings. The spring in the body provides good anti-vibration properties.

load to be carried per unit. These hanger can be used for fans, distribution pipes, ducts and acoustic ceilings.

Technical Notes

These units are designed for installations

Tips

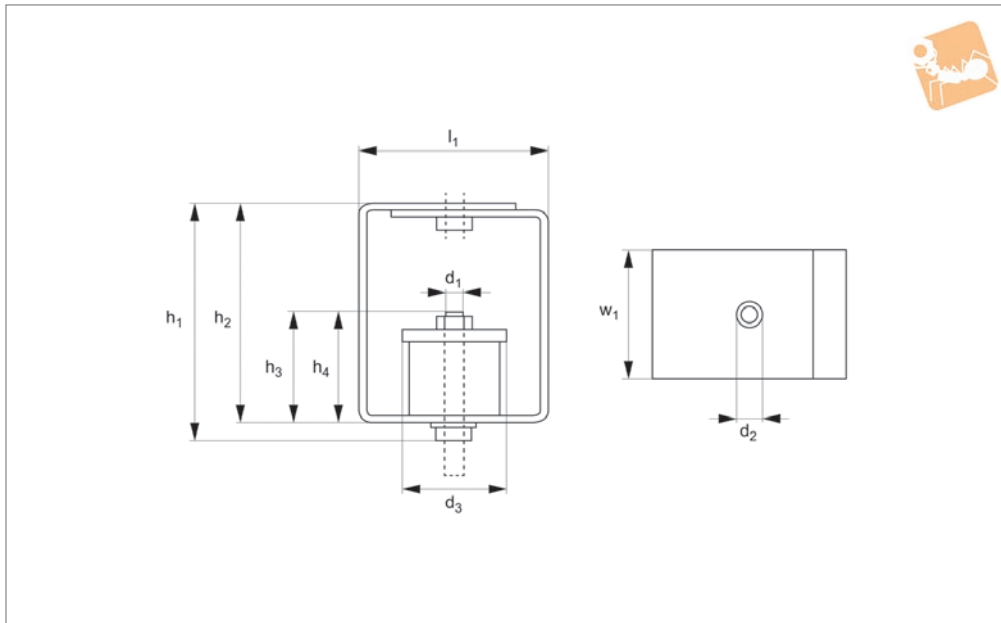
Select the damper corresponding to the

Order No.	d ₁	w ₁	h ₁	d ₂	d ₃	h ₂	l ₁	Load kgf max.
P2553.06-30	M6	40	47	8	30	30	40	30
P2553.06-60	M6	40	47	8	30	30	40	60



Acoustic Suspension Hanger with nut

Anti-Vibration Components



P2554

ANTI-VIBRATION COMPONENTS

Material

Steel anti-corrosive zinc plated, with rubber (50 shore A) cylinder.

Technical Notes

These units are designed for installations

where objects are suspended from ceilings. The spring in the body provides good anti-vibration properties.

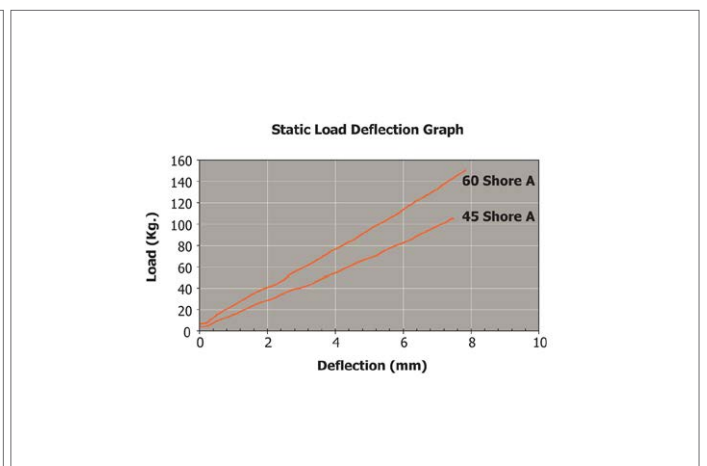
The metal hanger is designed to cope with loads up to 1000kg.

Tips

Select the damper corresponding to the load to be carried per unit.

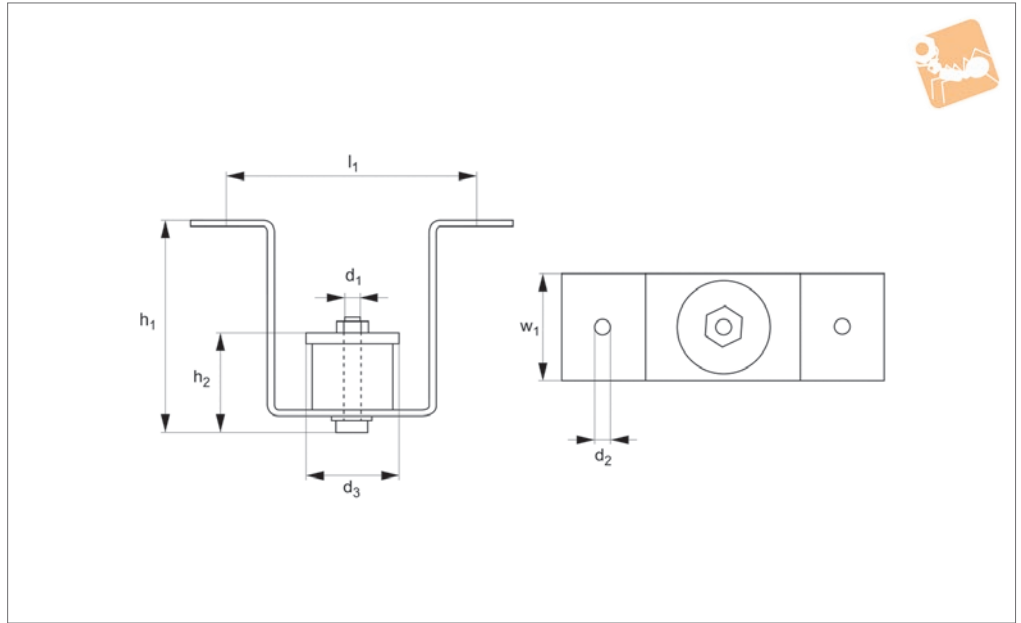
These hanger can be used for fans, distribution pipes, ducts and acoustic ceilings.

Order No.	d ₁	w ₁	h ₁	d ₂	d ₃	d ₄	h ₂	h ₃	h ₄	l ₁	Load range kgf
P2554.060-030	M 6	40	55.03	M 6	30	18	46.3	38	30	40	8-30
P2554.060-060	M 6	40	55.03	M 6	30	18	46.3	38	30	40	25-60
P2554.080-100	M 8	55	76.40	M 8	40	16	68.0	43	34	55	40-100
P2554.080-150	M 8	55	76.40	M 8	40	16	68.0	43	34	55	80-150





P2555



Material

Steel anti-corrosive zinc plated, with rubber (50 shore A) cylinder.

where objects are suspended from ceilings. The spring in the body provides good anti-vibration properties.

load to be carried per unit.

These hanger can be used for fans, distribution pipes, ducts and acoustic ceilings.

Technical Notes

These units are designed for installations

Tips

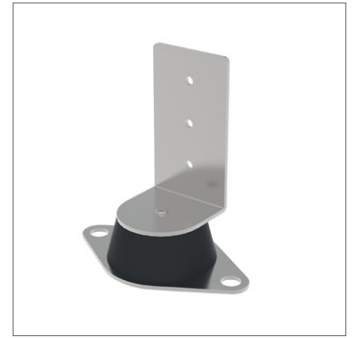
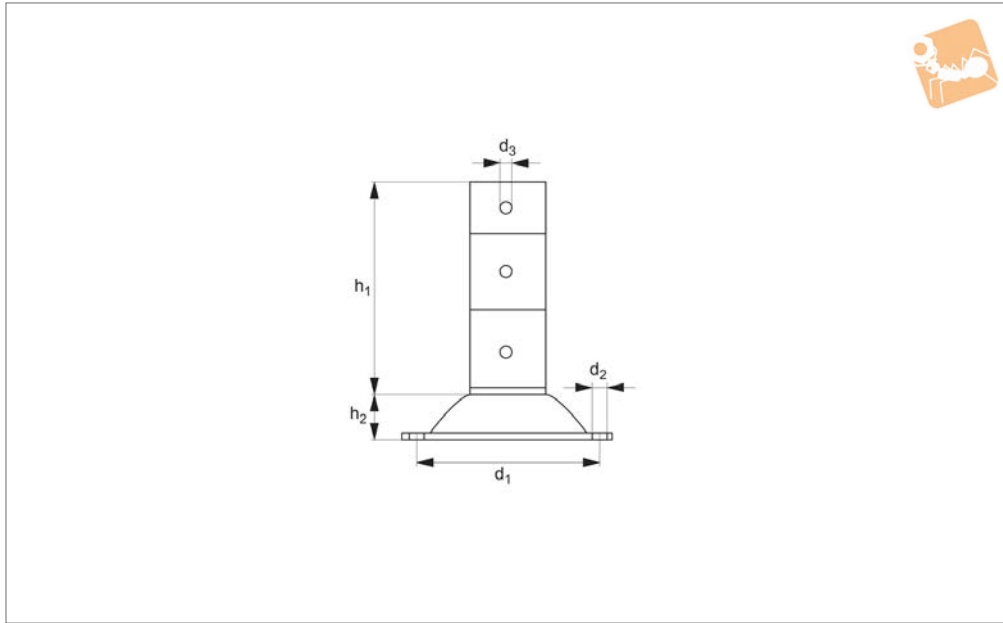
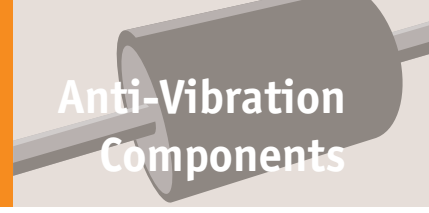
Select the damper corresponding to the

Order No.	d ₁	w ₁	h ₁	d ₂	d ₃	h ₂	l ₁	Load kgf max.
P2555.060-030	M6	40	50	7	30	30	66	30
P2555.060-060	M6	40	50	7	30	30	66	60
P2555.060-100	M8	55	75	11	40	38	98.5	100
P2555.060-150	M8	55	75	11	40	38	98.5	150



Acoustic Wall Damper right angle right angle fixing

Anti-Vibration Components



P2556

ANTI-VIBRATION COMPONENTS

Material

Rubber on steel (zinc plated).

ceiling or the wall. The spring in the body provides good anti-vibration properties.

These hanger can be used for fans, distribution pipes, ducts and acoustic ceilings/walls.

Technical Notes

These units are designed for installations where objects are suspended from the

Tips

Select the damper corresponding to the load to be carried per unit.

Order No.	d ₁	h ₁	d ₂	d ₃	h ₂	Load kgf max.
P2556.76	76	72	6.5	4	24	10