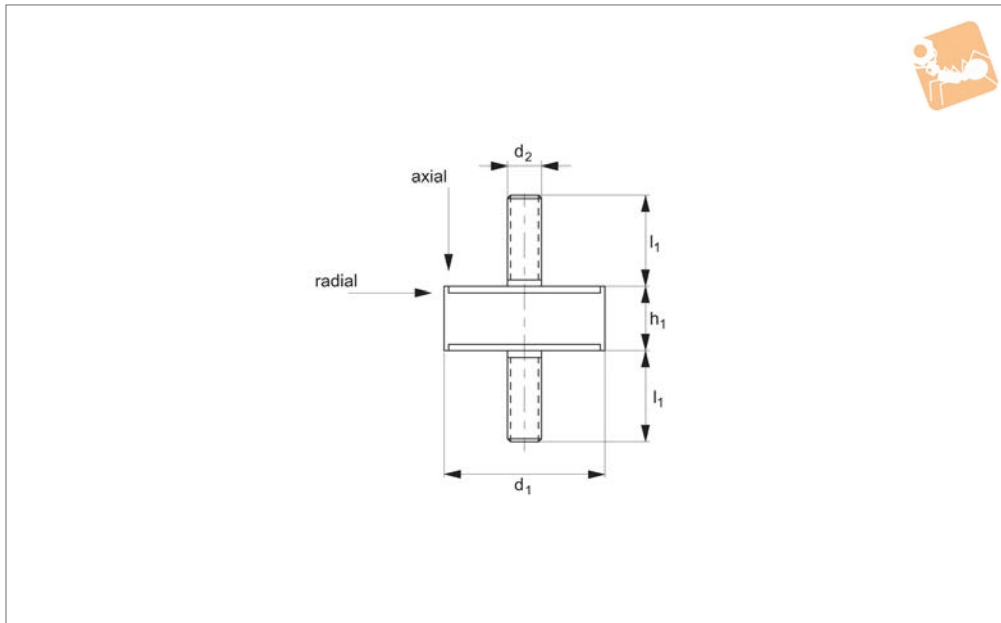
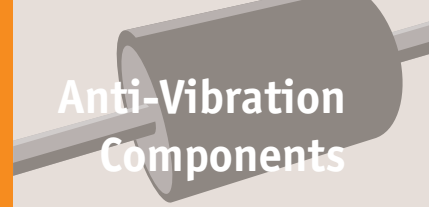




Anti-vibration Cylinders

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	-	-



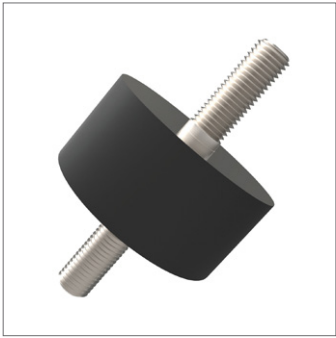
Anti-vibration Cylinders

male:male

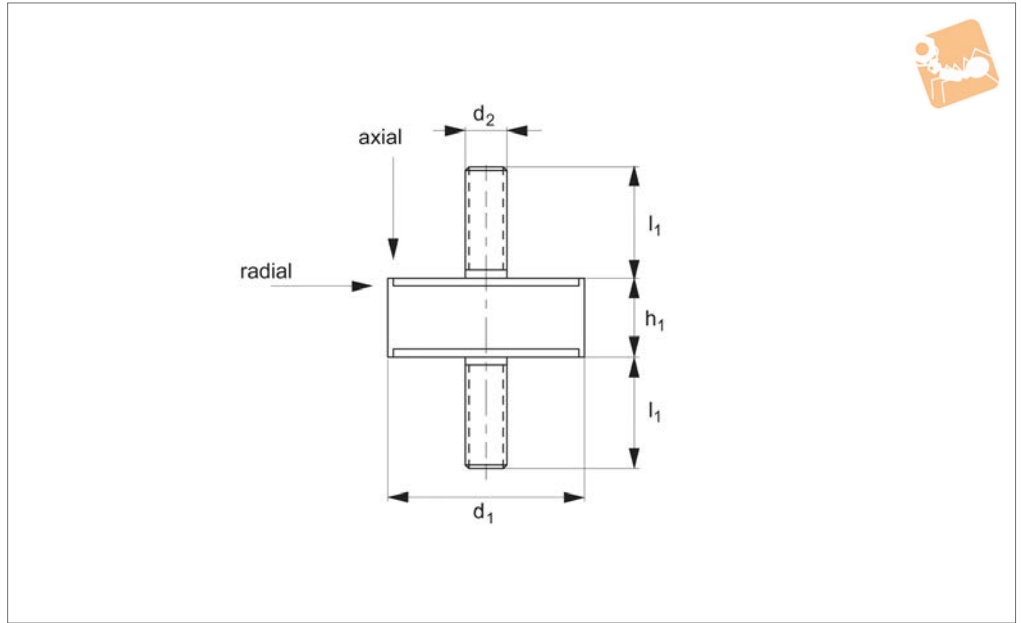
Anti-Vibration Components

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).

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.

Technical Notes

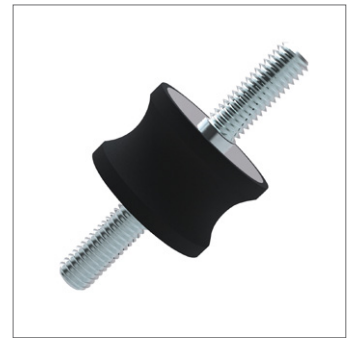
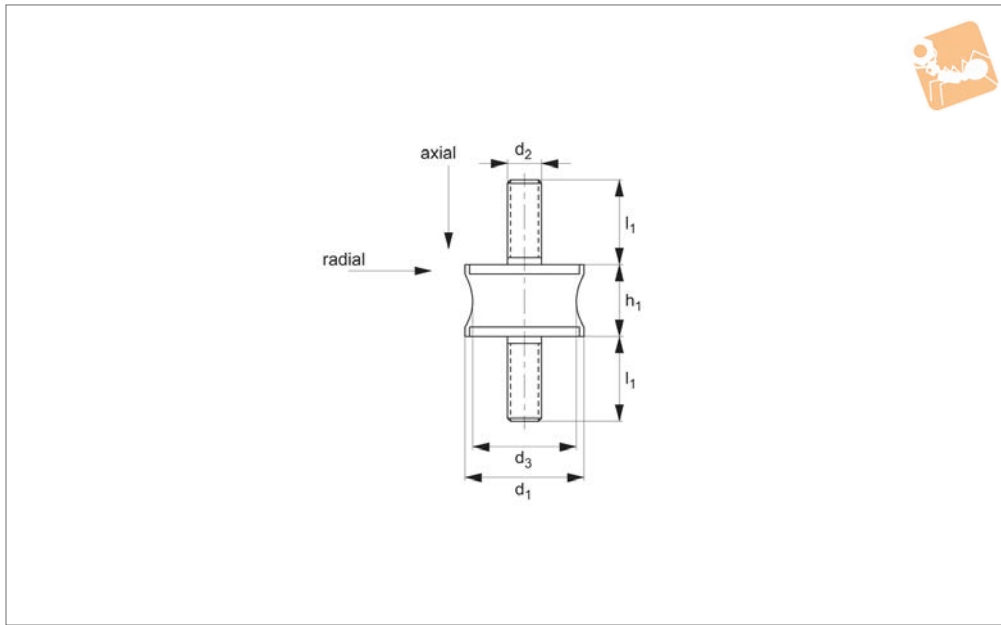
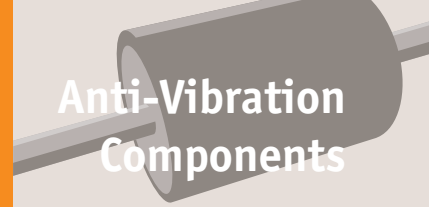
For rubber mounted on silver zinc plated

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

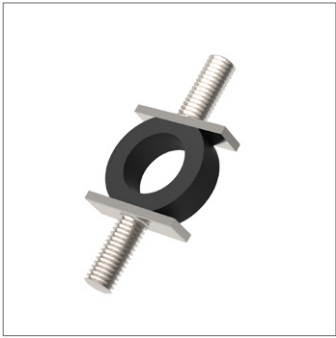
steel see part no. P2012 (female:female) or P2014 (male:female).

Tips

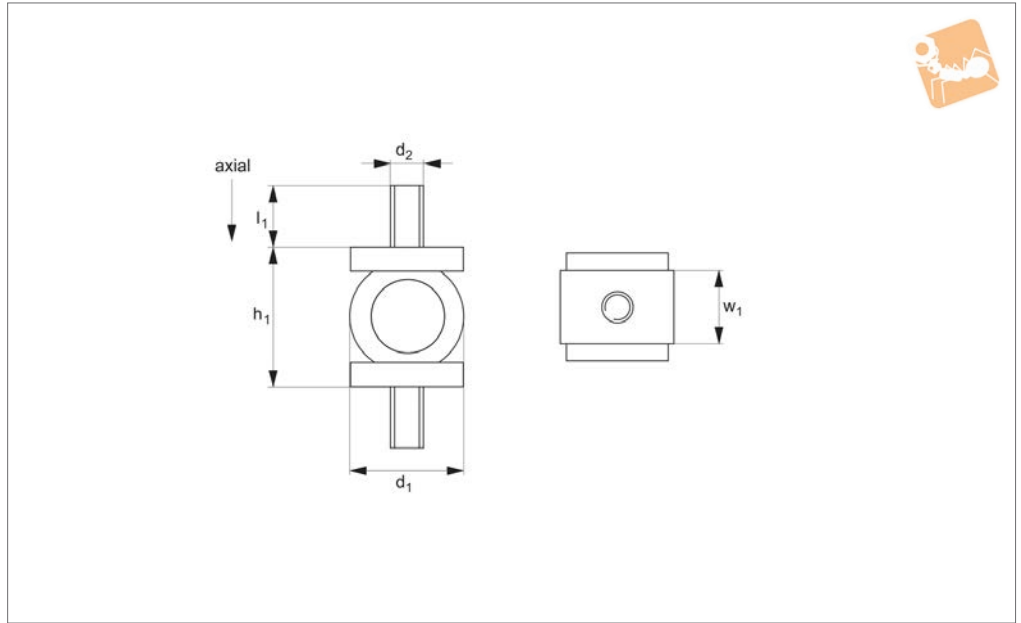
These cylinders are used to reduce vibration by allowing some movement (in axial and radial as shown in drawing).

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.

Technical Notes

The spherical mounts are designed for low

Tips

These mounts are not to be used for radial loads.

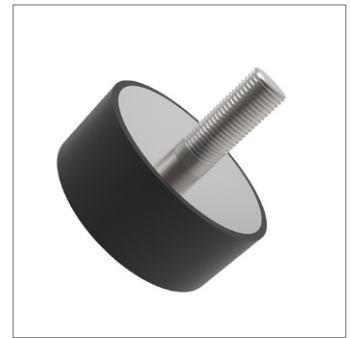
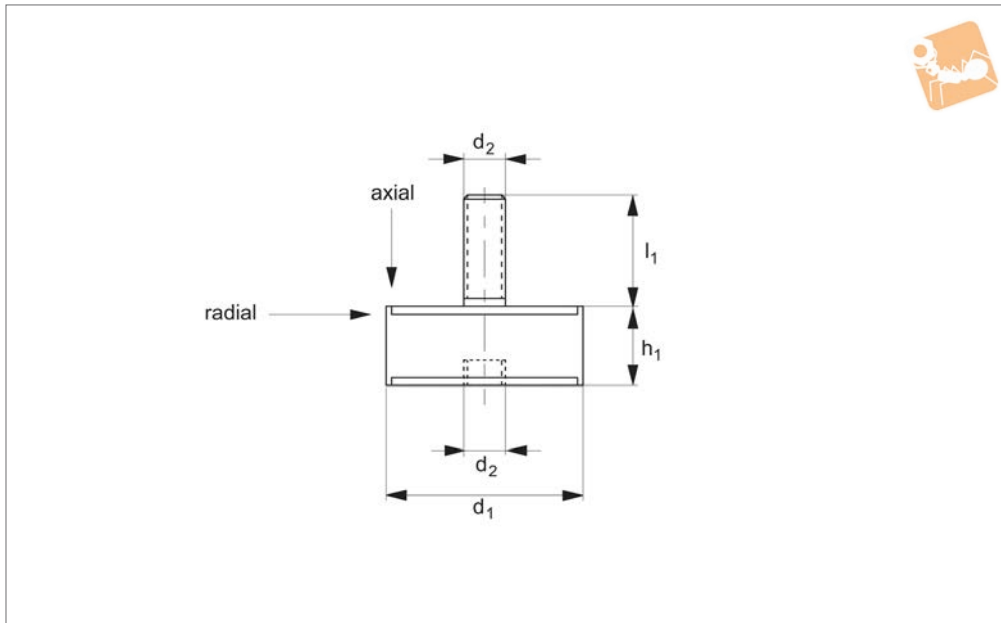
Order No.	d ₁	h ₁	d ₂	w ₁	l ₁	Compression max.	Axial load kgf max.
P2017.04-01	15	18	M4	14	8	5	1.25
P2017.04-03	15	18	M4	14	8	5	2.50
P2017.08-05	30	30	M8	30	20	11	3.50



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



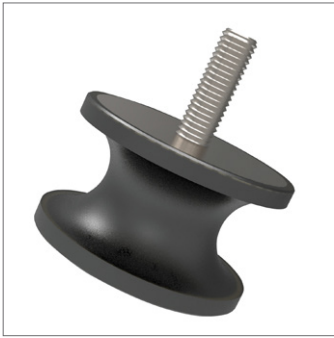
Anti-vibration Cylinders

male:female

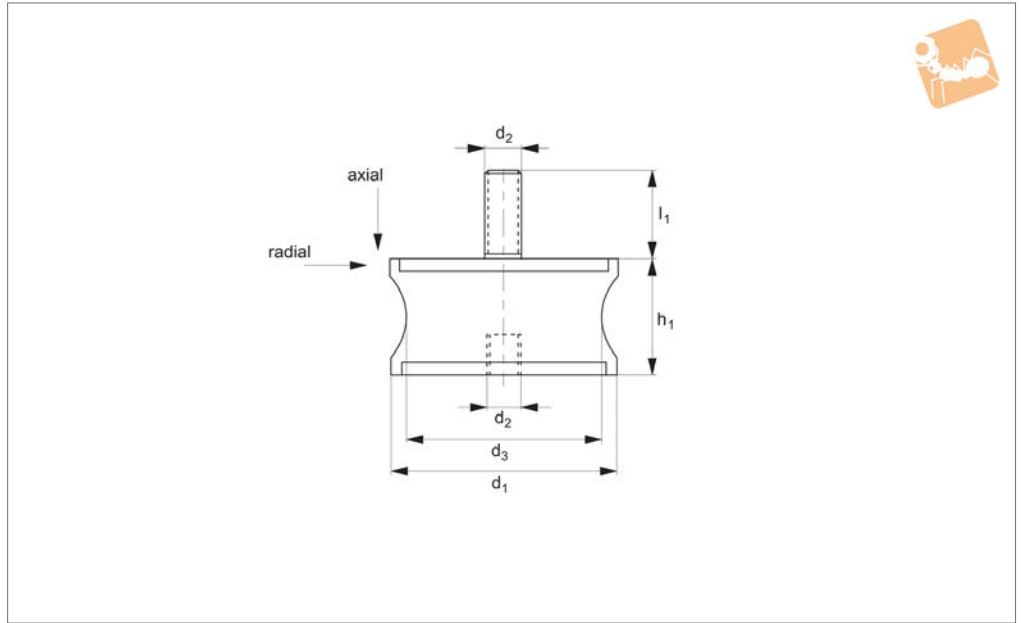
Anti-Vibration Components

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.

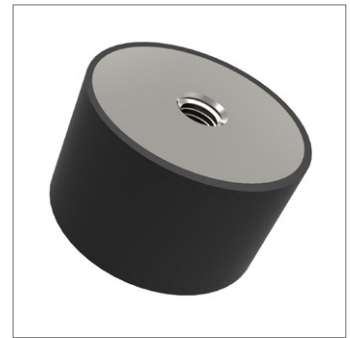
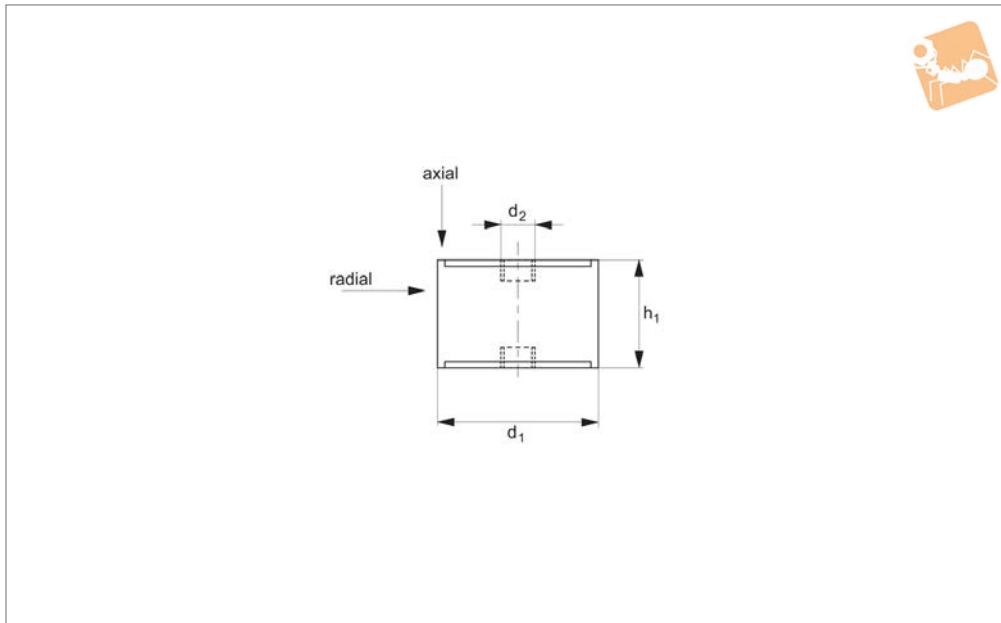
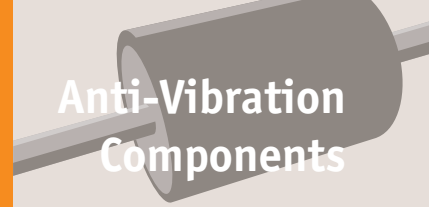
Order No.	d ₁	h ₁	d ₂	l ₁	d ₃	Compression max.	Axial load kgf max.	Radial load kgf max.
P2014.020-020	20	20	M 6	18	12	2.5	15	3.0
P2014.030-025	30	25	M 8	20	24	4	40	4.0
P2014.040-028	40	28	M10	25	22	5	60	2.5
P2014.060-036	60	36	M10	30	37	5	90	7.0
P2014.060-043	60	43	M10	30	35	4	70	12.0
P2014.060-060	60	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



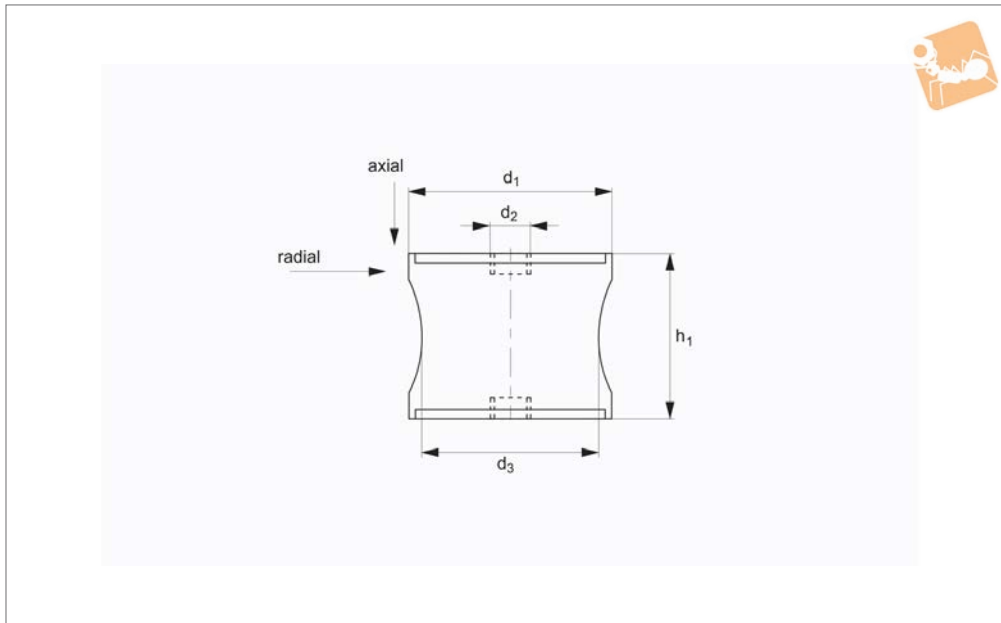
Order No.	Compression max.	d ₁	h ₁	d ₂	Axial load kgf max.	Radial load N max.
P2008.080-070	15.0	80	70	M14	550	65
P2008.100-040	8.0	100	40	M16	1200	95
P2008.100-055	16.0	100	55	M16	775	97
P2008.100-060	15.0	100	60	M16	1100	97
P2008.100-100	16.0	100	100	M16	500	80
P2008.130-040	6.0	130	40	M16	1900	120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

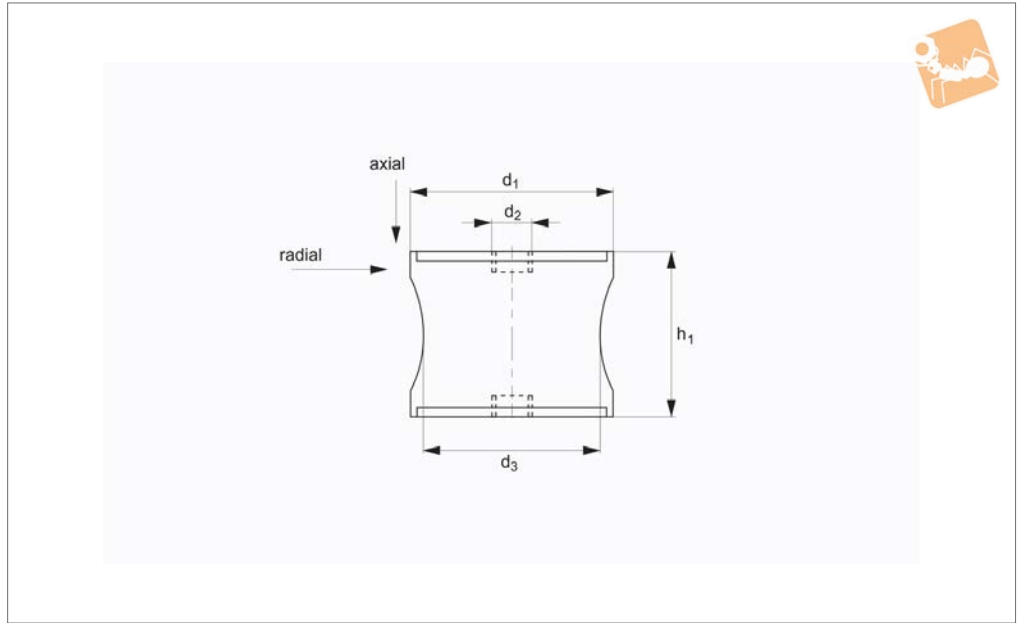
These cylinders are used to reduce vibration by allowing some movement (in axial and shear as shown in drawing).

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).

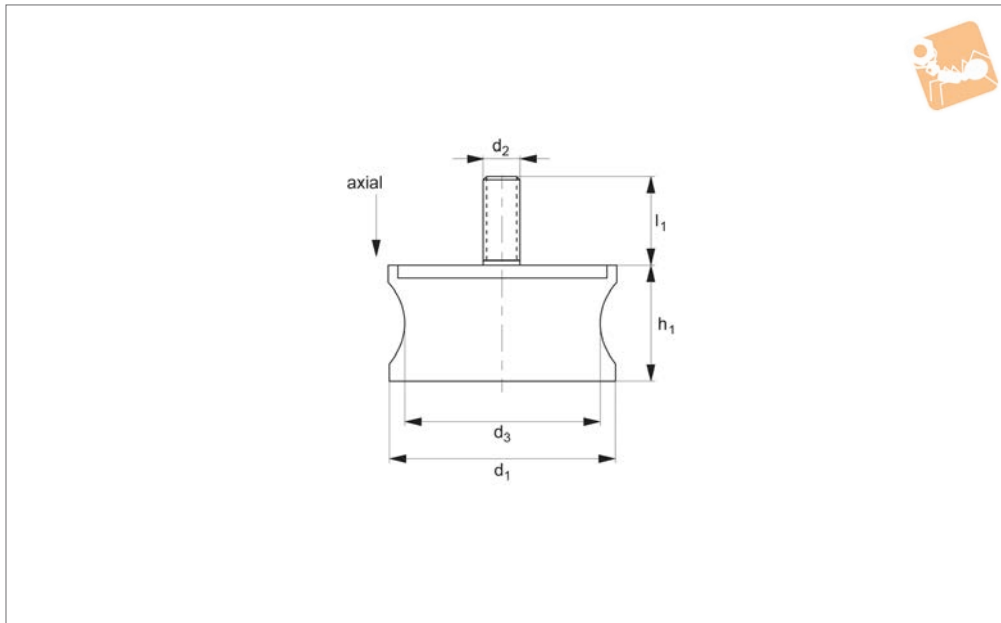
Typically used in machinery, compressors, air conditioning units, light engineering equipment etc.

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).

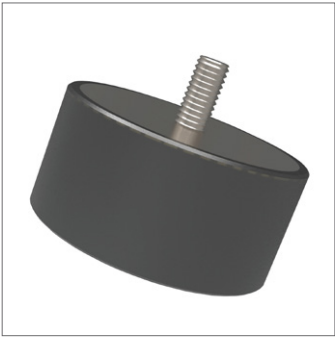
Tips

These cylinders are used to reduce vibra-

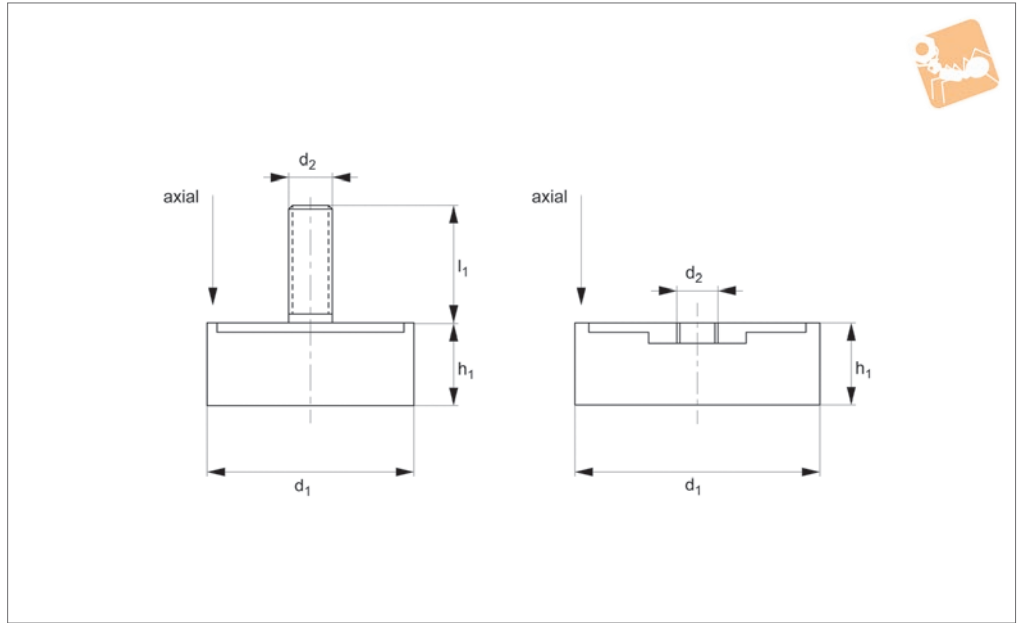
tion by allowing some movement (in axial and radial as shown in drawing).

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

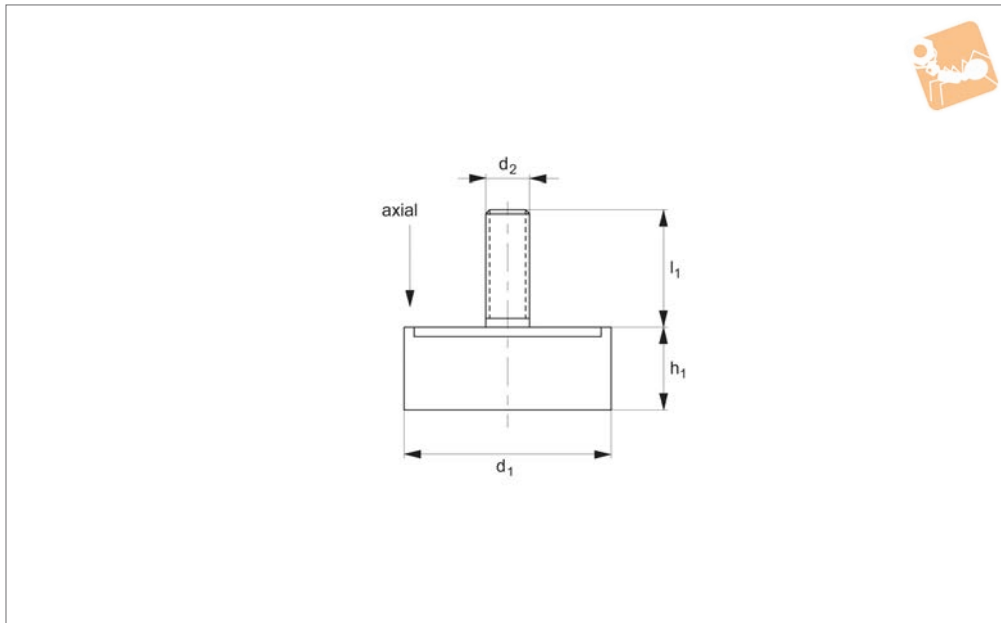
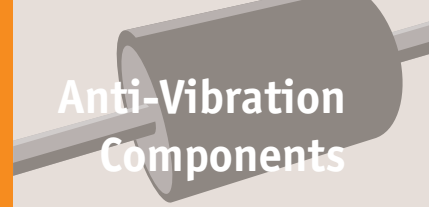
Tips
They are commonly used for larger PCBs, disk drives, optical drives, small motors,

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



P200

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

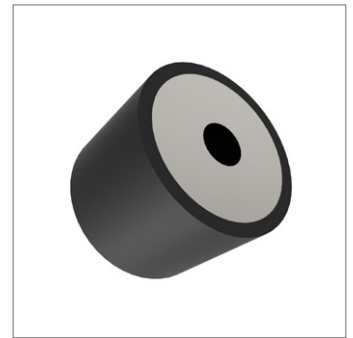
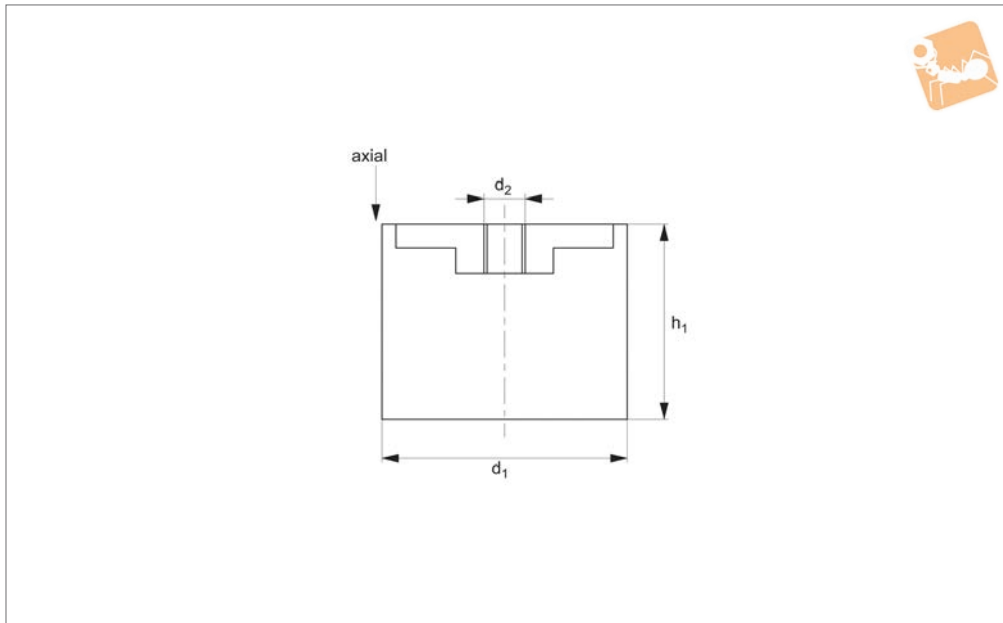


Order No.	d ₁	h ₁	d ₂	l ₁	Compression max.	Axial load kgf max.
P2020.050-045	50	45	M10	25	11.0	130
P2020.050-050	50	50	M10	25	12.0	125
P2020.050-060	50	60	M10	28	14.0	110
P2020.060-020	60	20	M10	28	4.0	280
P2020.060-030	60	30	M10	28	8.0	280
P2020.060-045	60	45	M10	30	10.0	190
P2020.060-050	60	50	M12	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

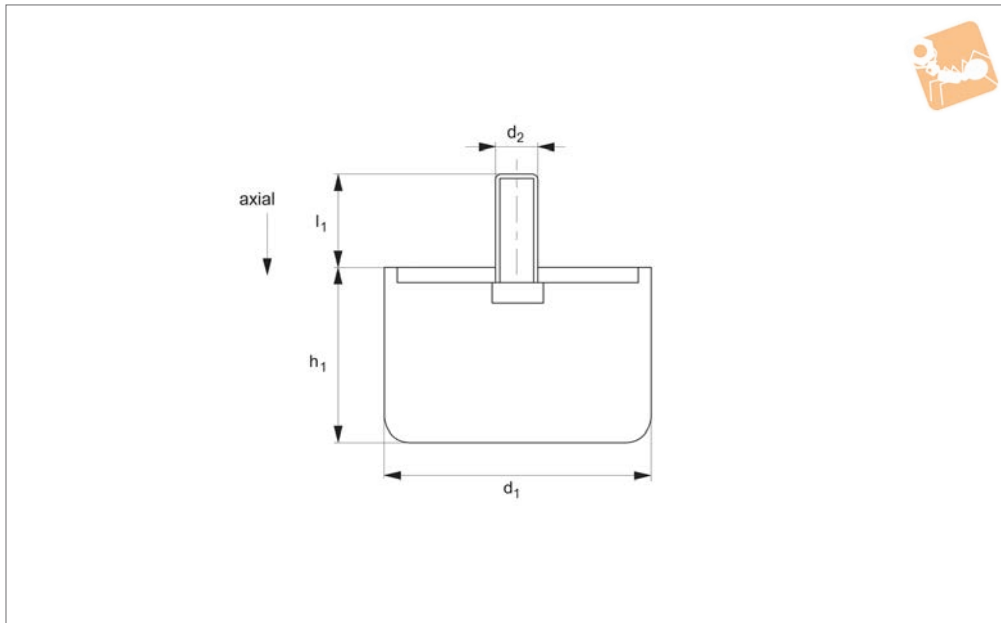
These feet or bumpers reduce shock and vibration.

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

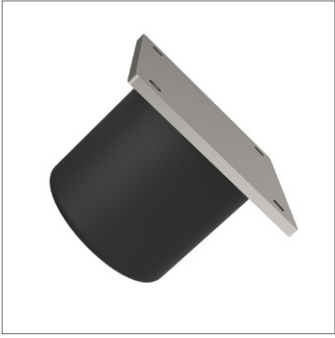
Rubber on silver zinc plated steel (rubber hardness - 55 Shore A).

Tips

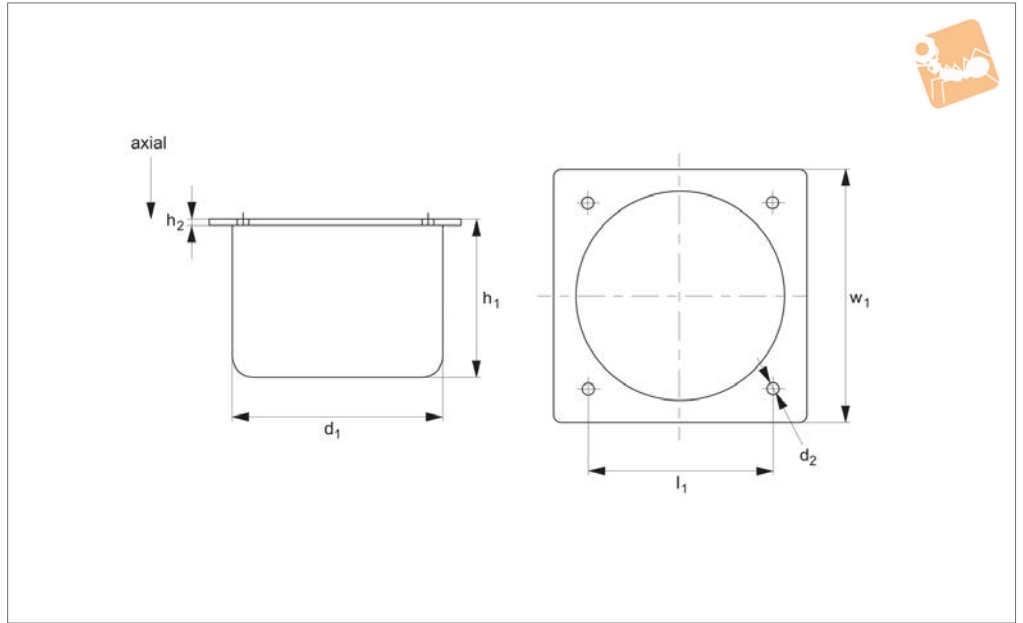
These anti-vibration bumpers are used to reduce vibration and shock. Their cylindrical shape ensures that when used in a

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

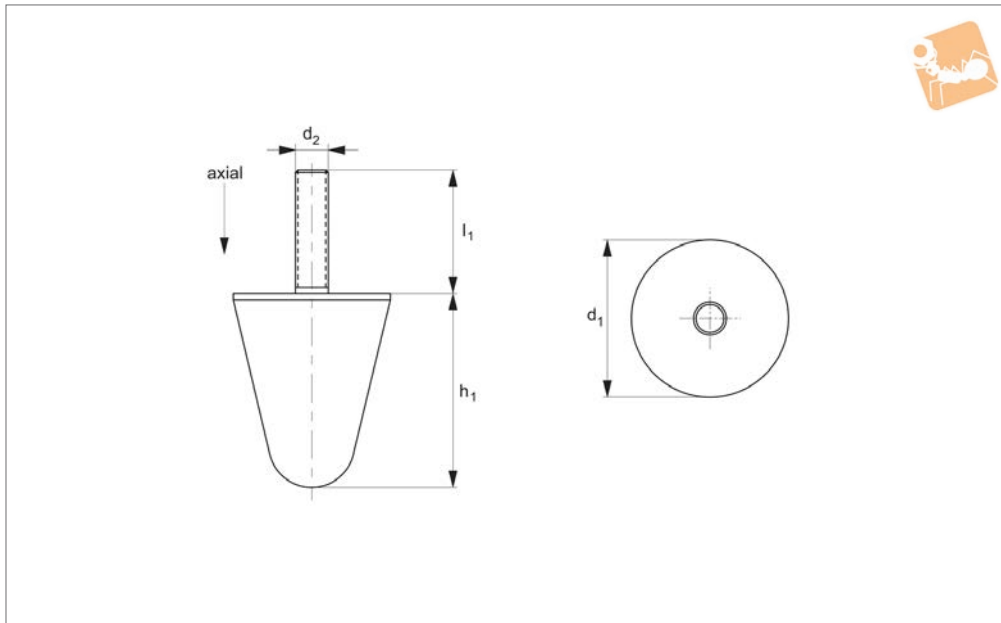
Rubber on silver zinc plated steel (rubber hardness - 55 Shore A).

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

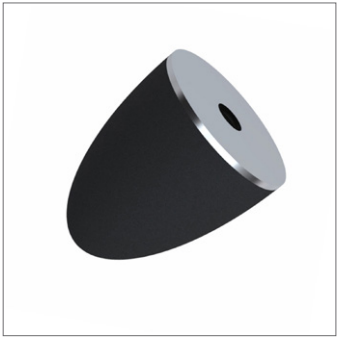
These anti-vibration cones or bumpers are

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.

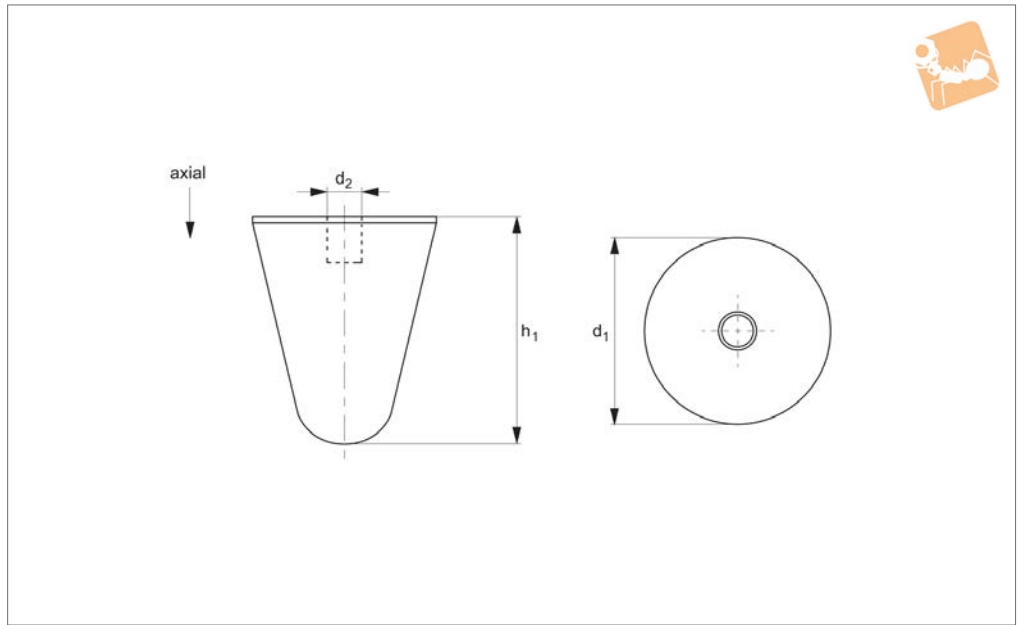
Important Notes

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

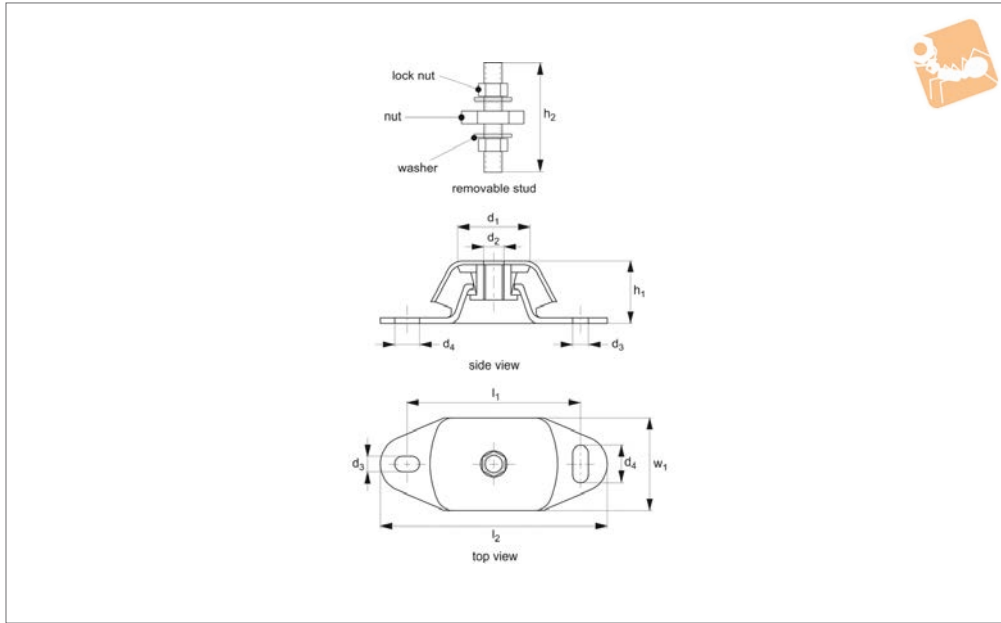
These anti-vibration cones or bumpers are

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.

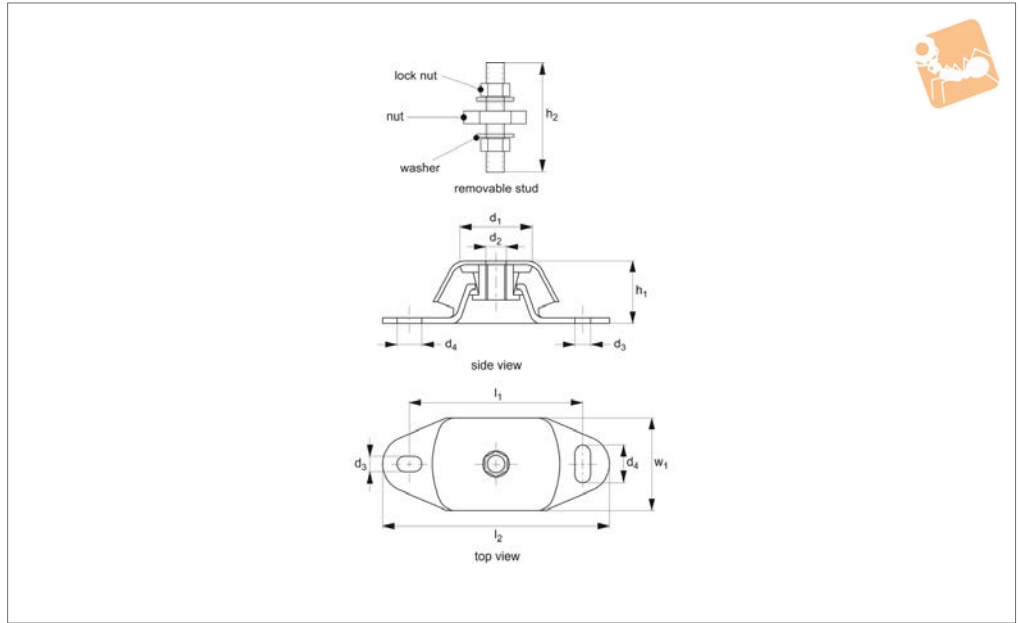
Tips

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.

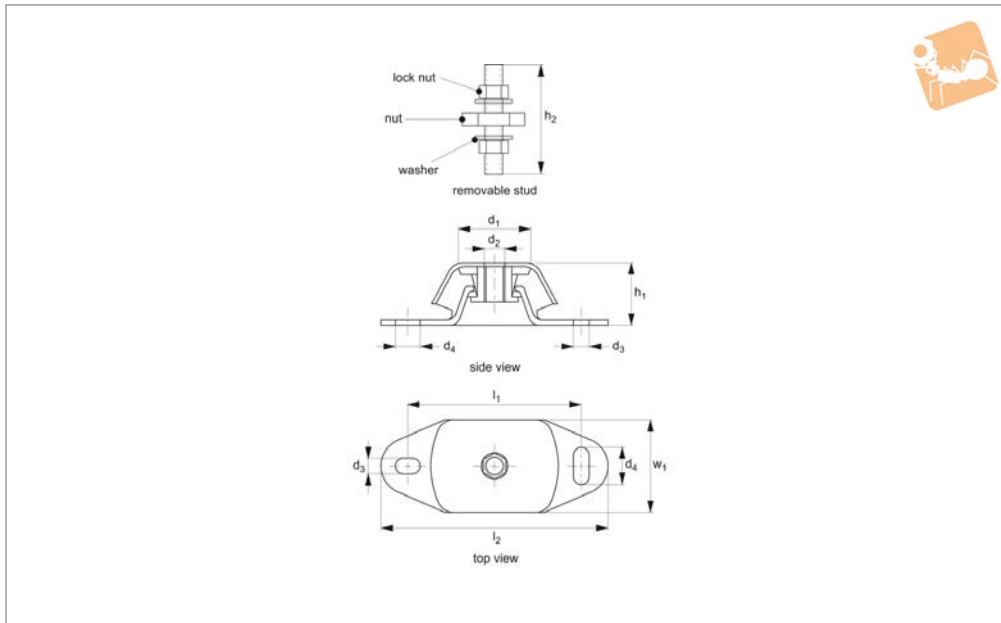
Order No.	d_1	d_2	l_1	l_2	w_1	d_3	d_4	h_1	h_2	Load kg max.
P2101.60-65	60	M12	100	120	60	11	14	40	95	100
P2101.75-65	75	M16	140	183	75	13	20	50	110	300
P2101.60-45	60	M12	100	120	60	11	14	40	95	50
P2101.60-55	60	M12	100	120	60	11	14	40	95	65
P2101.75-45	75	M16	140	183	75	13	20	50	110	150
P2101.75-55	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.

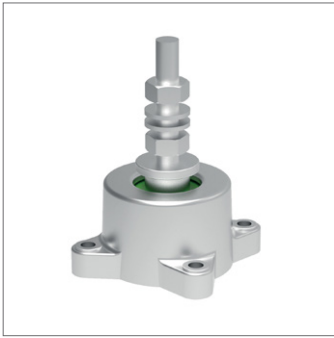
These stainless steel versions are widely used for marine engine mounts or applications that are either offshore or have a very high corrosion level. Stud and nuts on

request.

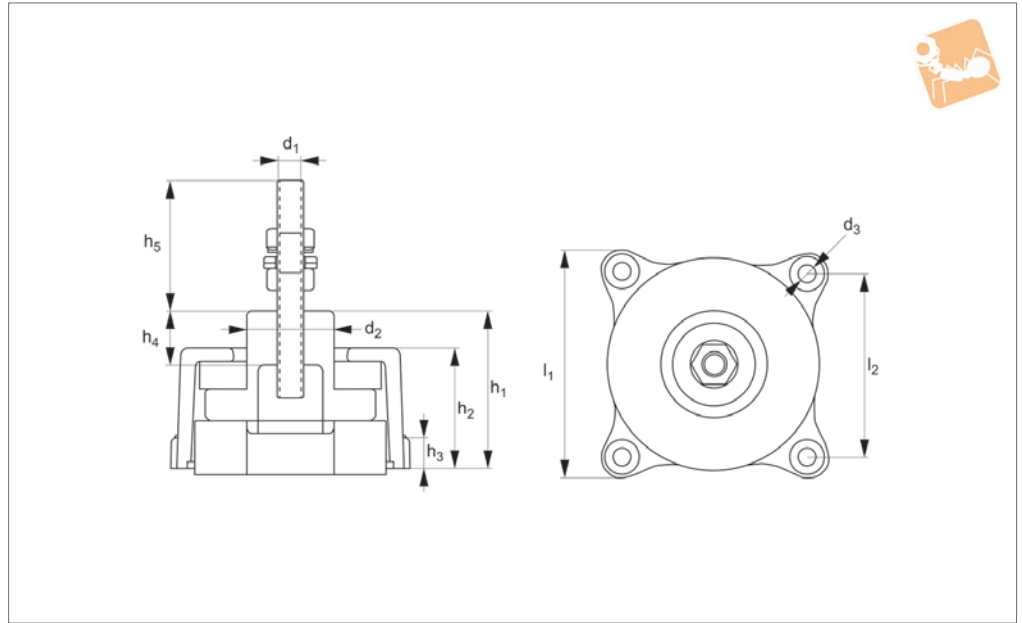
Tips

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.

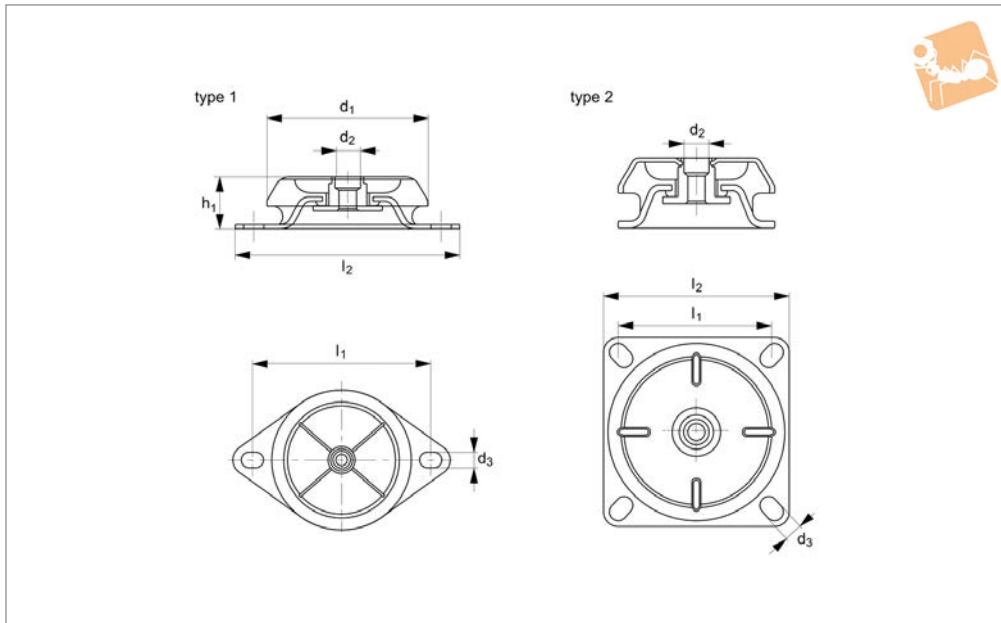
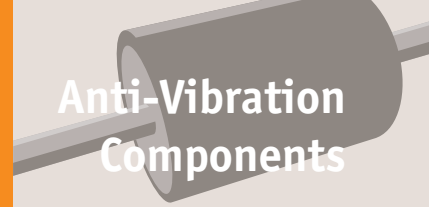
Technical Notes

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

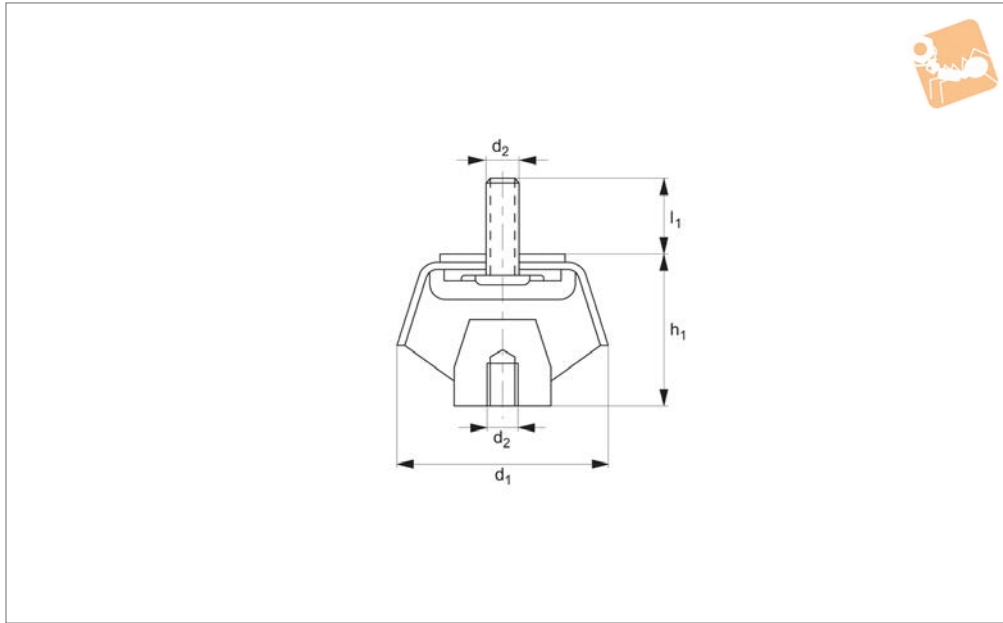
mount for light to heavy duty applications.

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

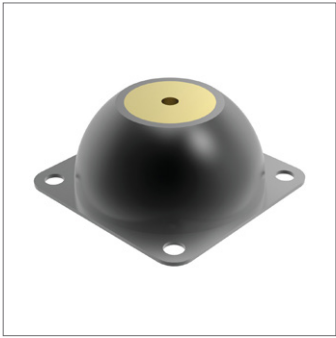
loads. This means that the natural frequency is low and ideal for engines which normally work at idle speed.

Tips

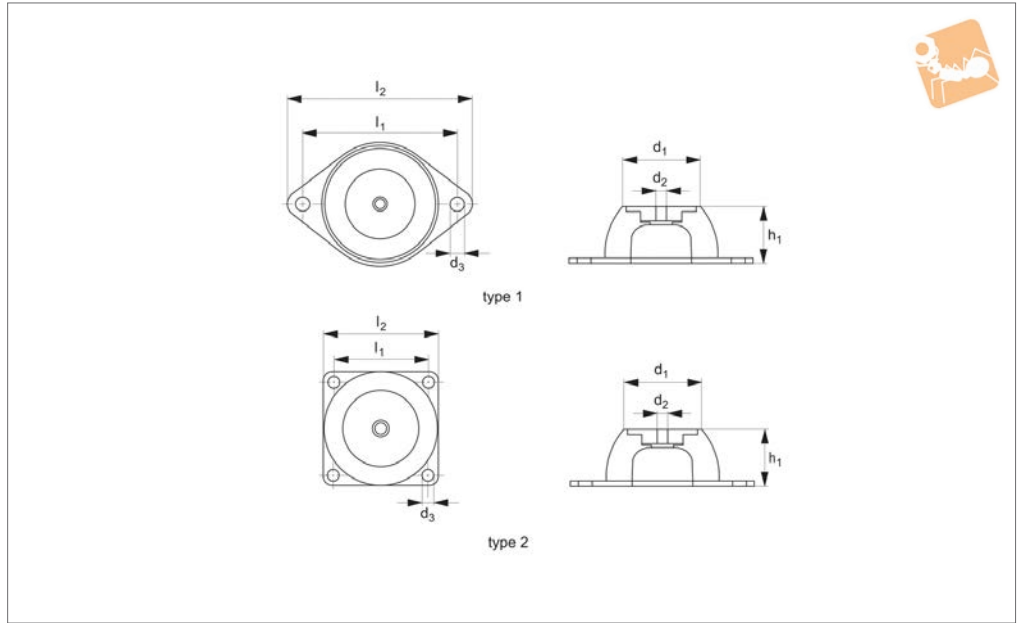
It is used in applications where the load to be supported is low, and where high

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,

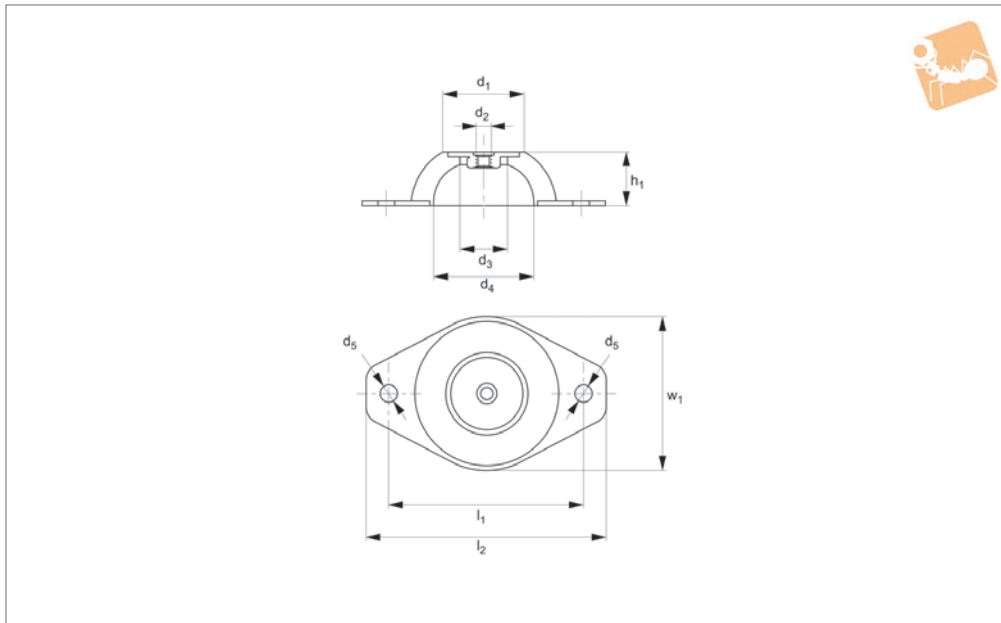
Order No.	Type	d ₁	d ₂	d ₃	h ₁	h ₂	l ₁	l ₂	Load kgf max.	Weight g
P2105.045-45	Type 1	33.0	M 8	8.0	25	2.0	66	85	20	70
P2105.045-60	Type 1	33.0	M 8	8.0	25	2.0	66	85	50	70
P2105.065-45	Type 1	52.0	M10	10.5	35	2.5	92	114	40	170
P2105.065-60	Type 1	66	M10	10.5	35	2.5	92	114	75	170
P2105.085-45	Type 1	52.0	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

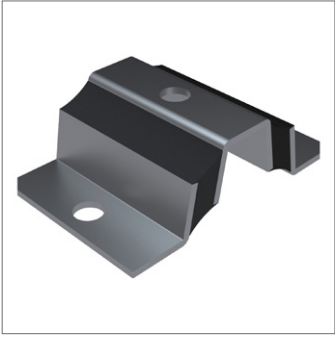
violation of vertical and horizontal vibration occur.

Tips

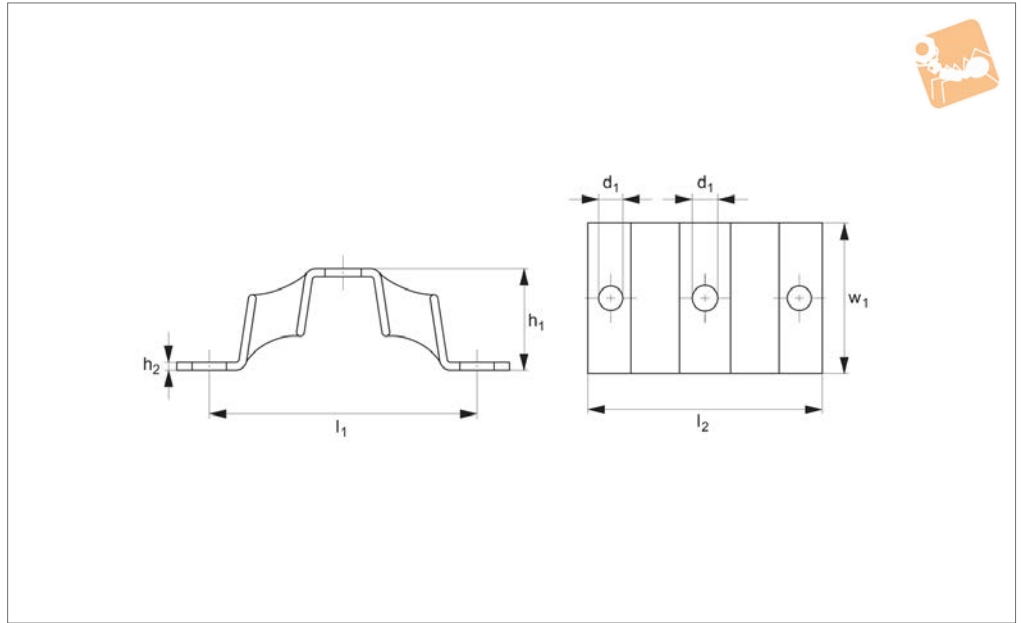
These mounting are particularly suitable for applications with low to medium dynamic amplitudes which enables the

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.

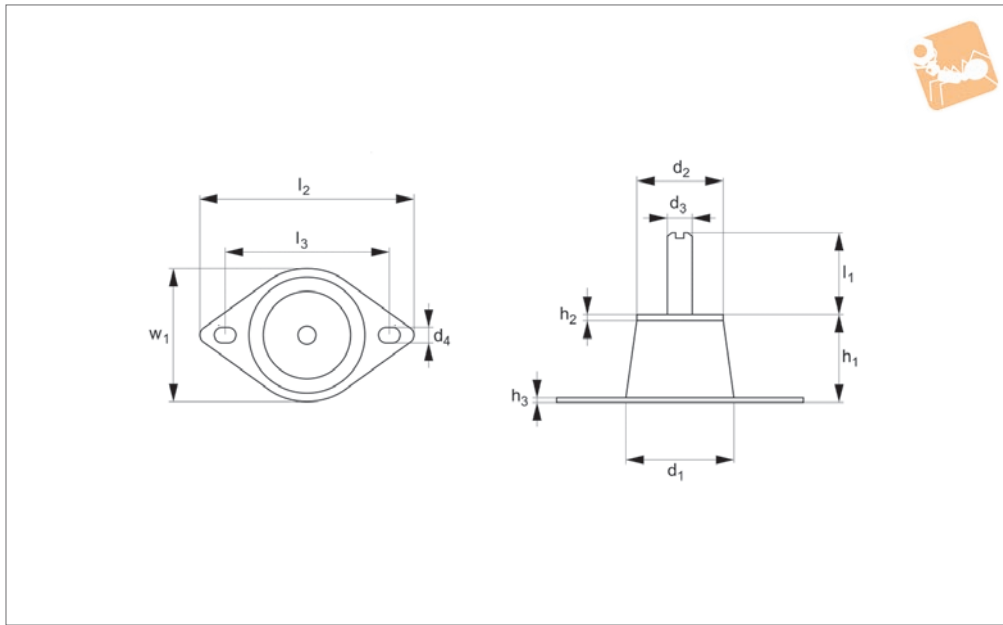
Technical Notes

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.

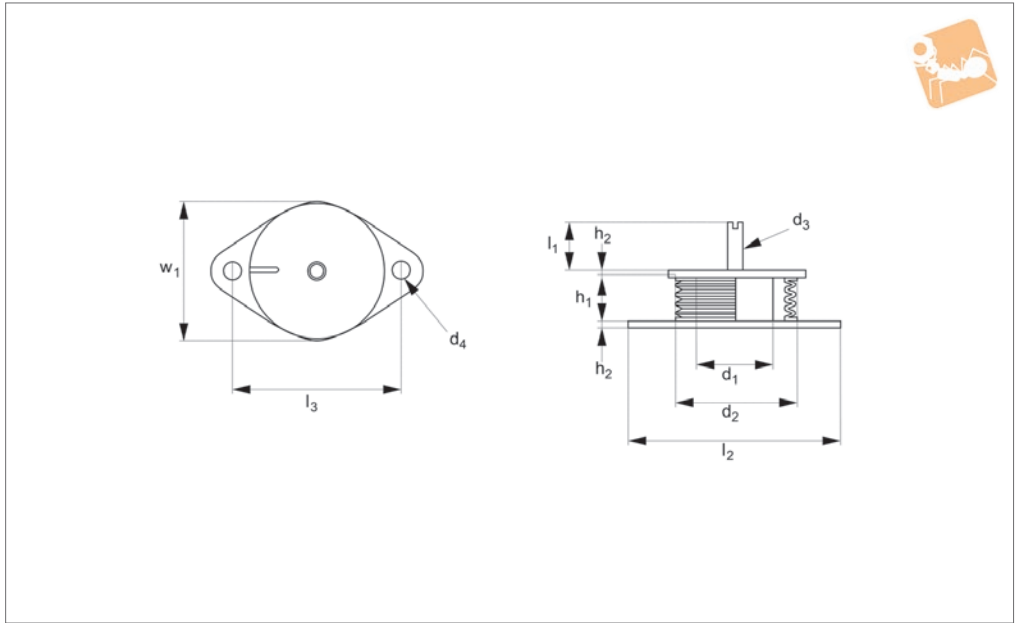
Technical Notes

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.

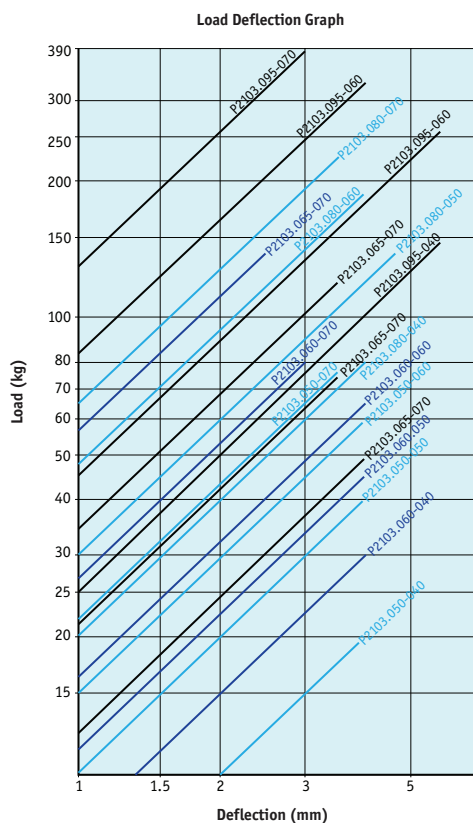
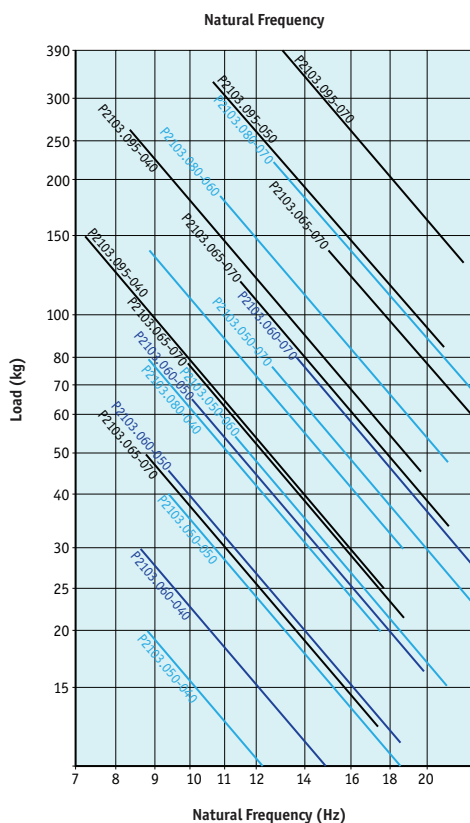
Technical characteristics

- 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



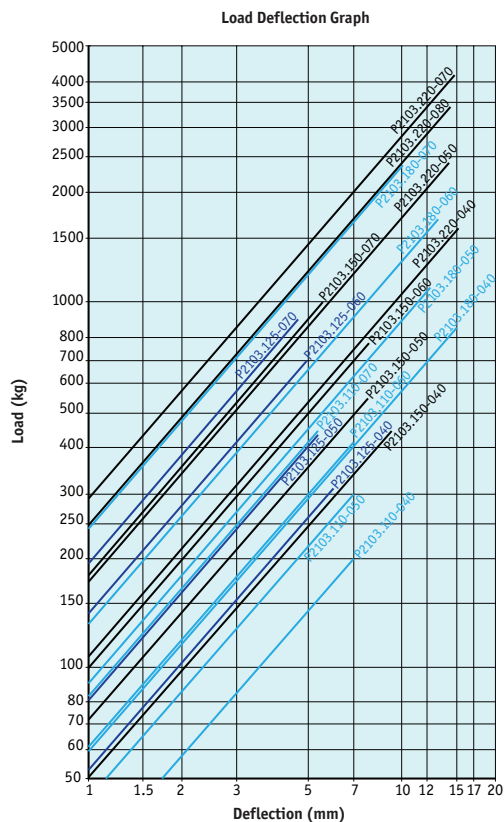
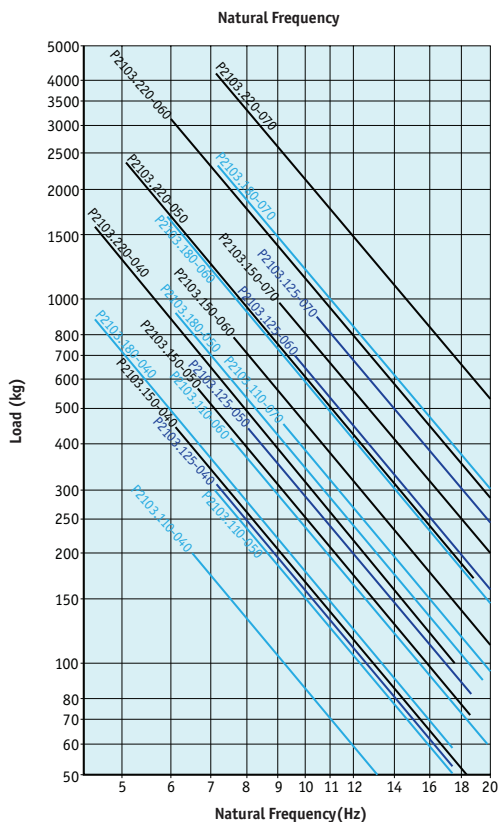
Mounts from Automotion Components

ANTI-VIBRATION COMPONENTS

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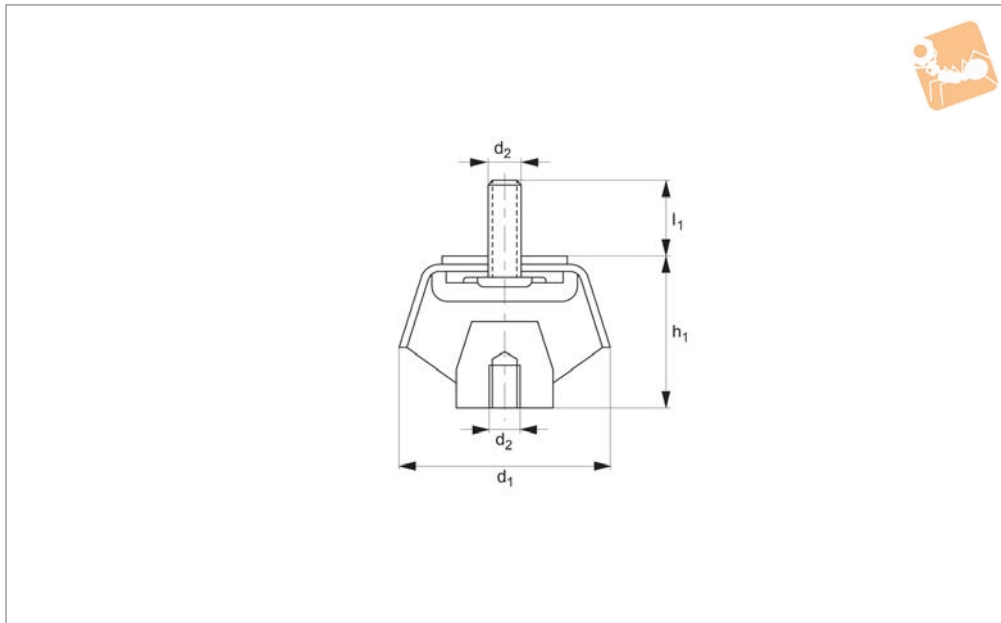
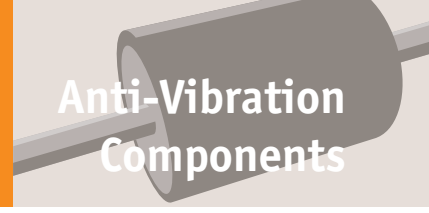


P2103.110 - P2103.220



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

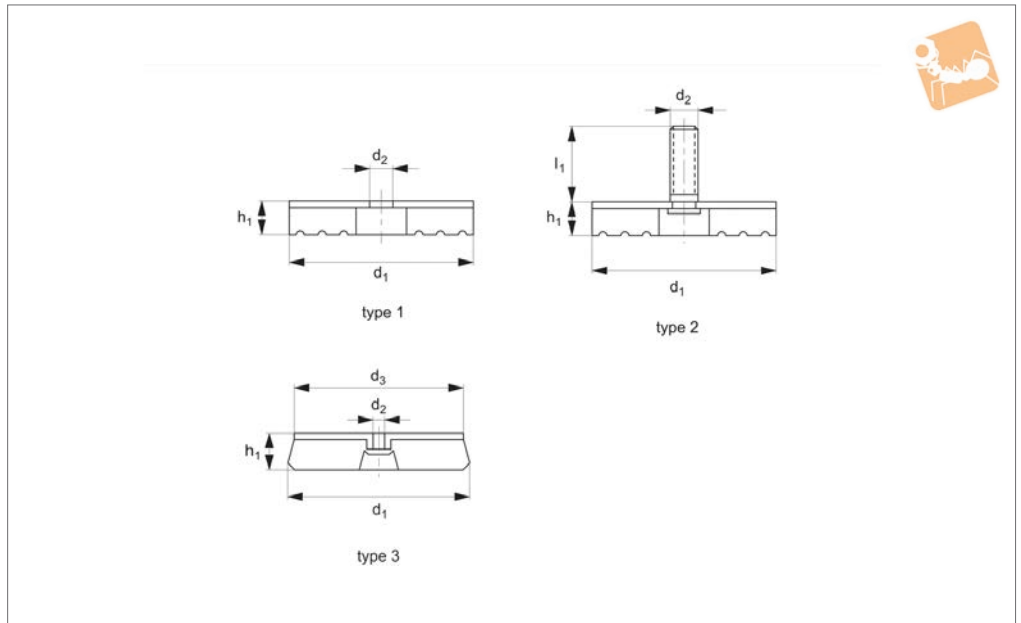
With a bell-like base this unit is suitable

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



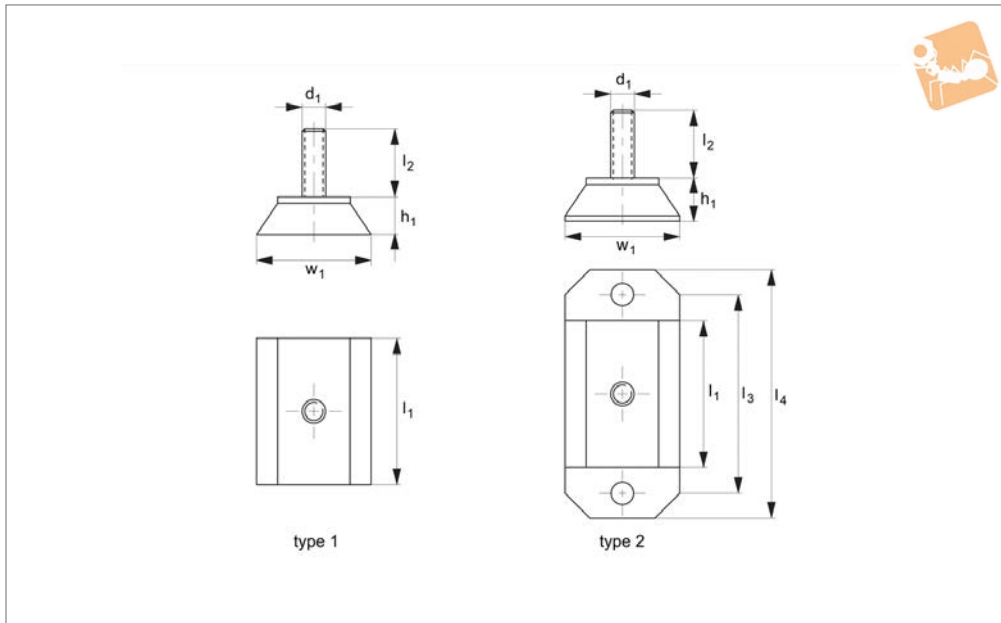
P2041



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

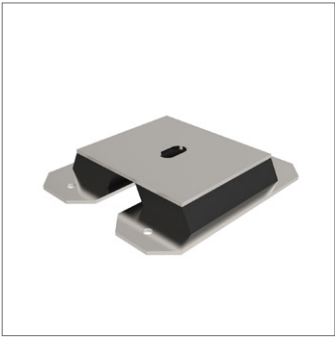
Rubber on silver zinc plated steel (rubber hardness - 55 Shore A).

Technical Notes

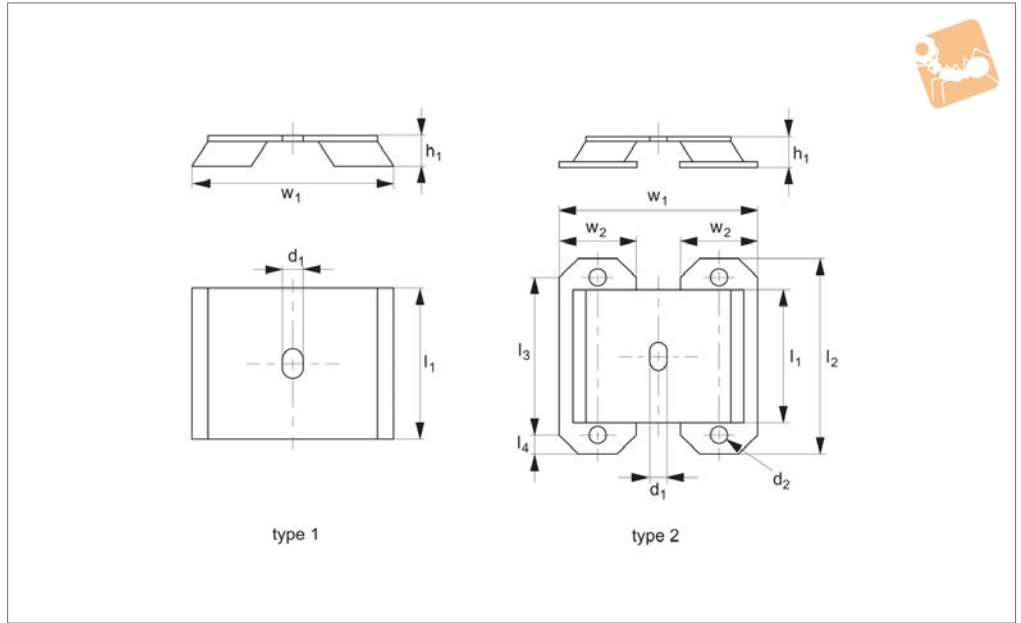
Used to support machine tools and packing machinery.

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).

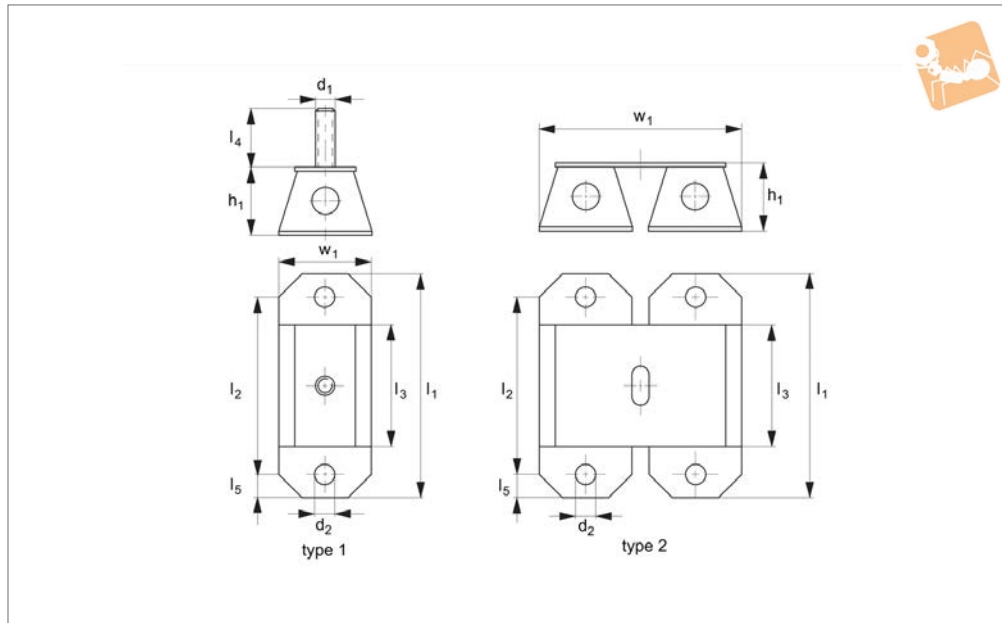
Technical Notes

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

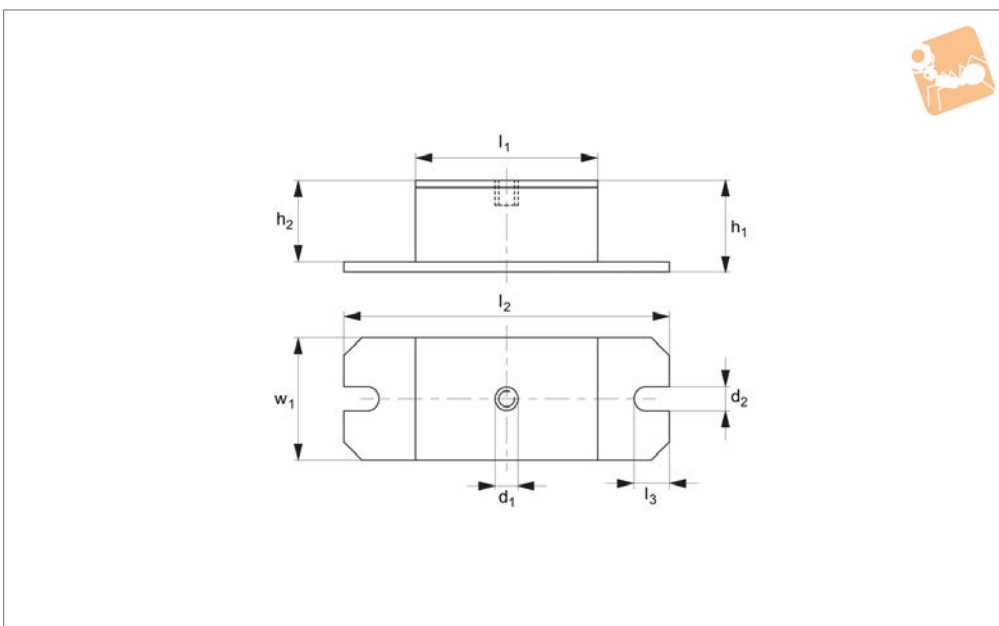
anti-vibration properties.

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



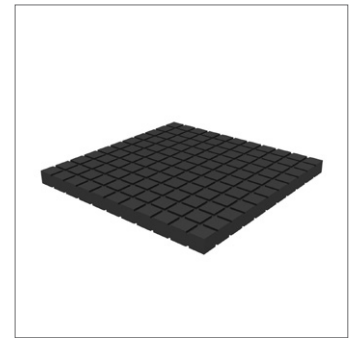
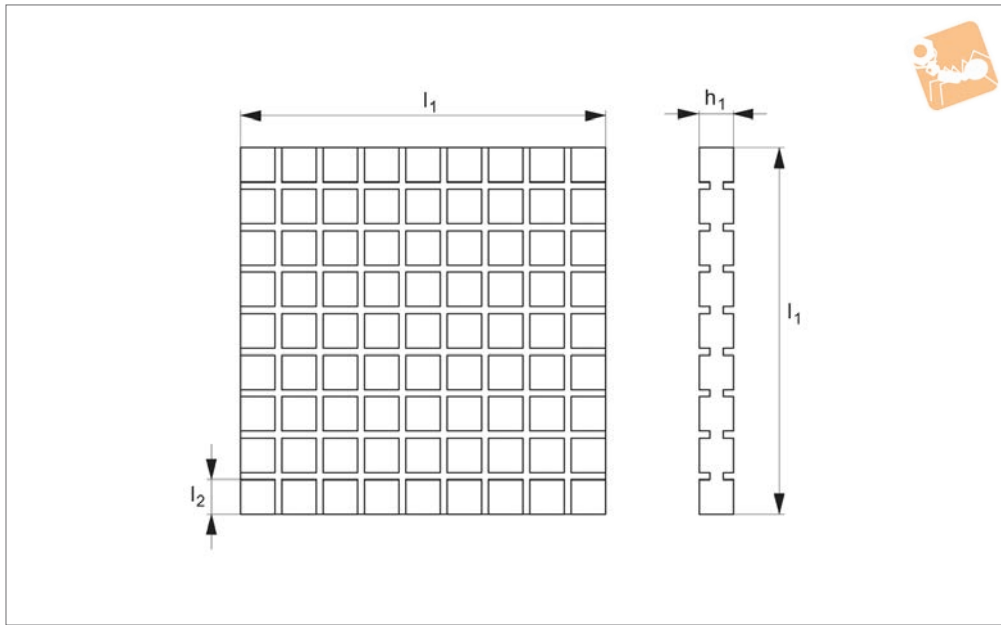
Material

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

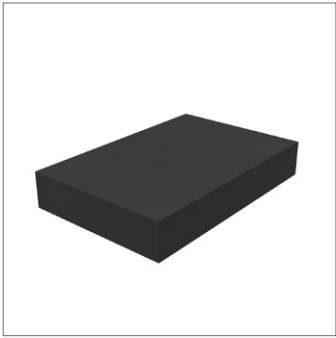
as required.

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

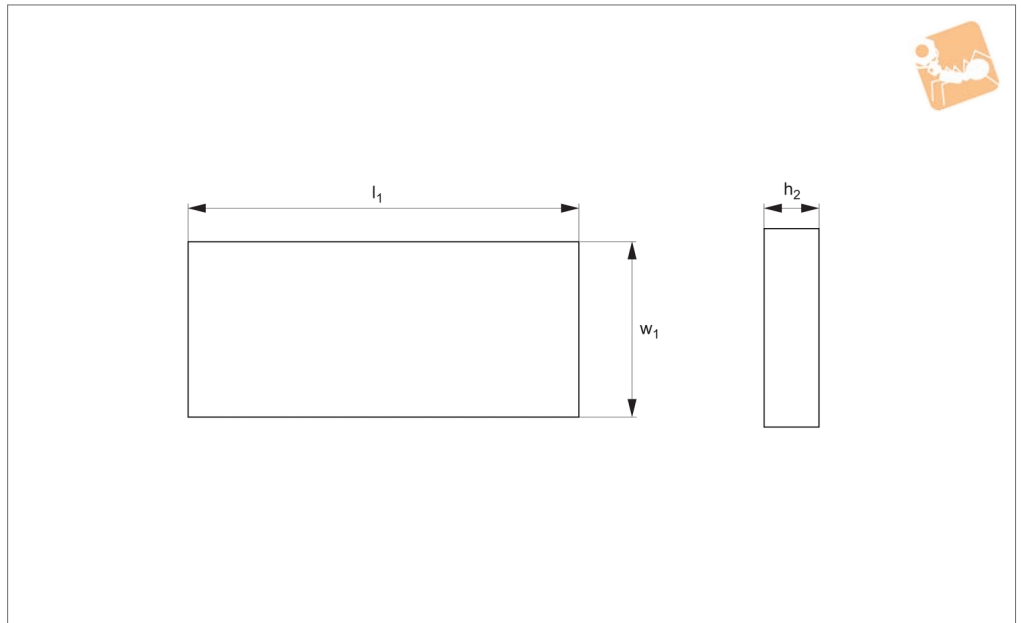
Tips

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

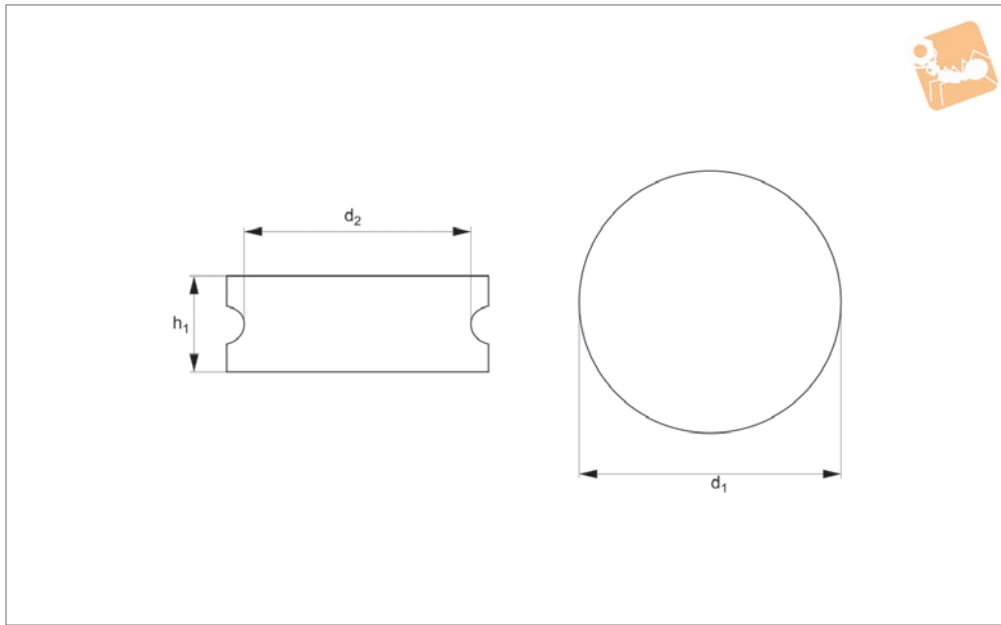
Rubber (hardness - 50 or 65 Shore A).

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

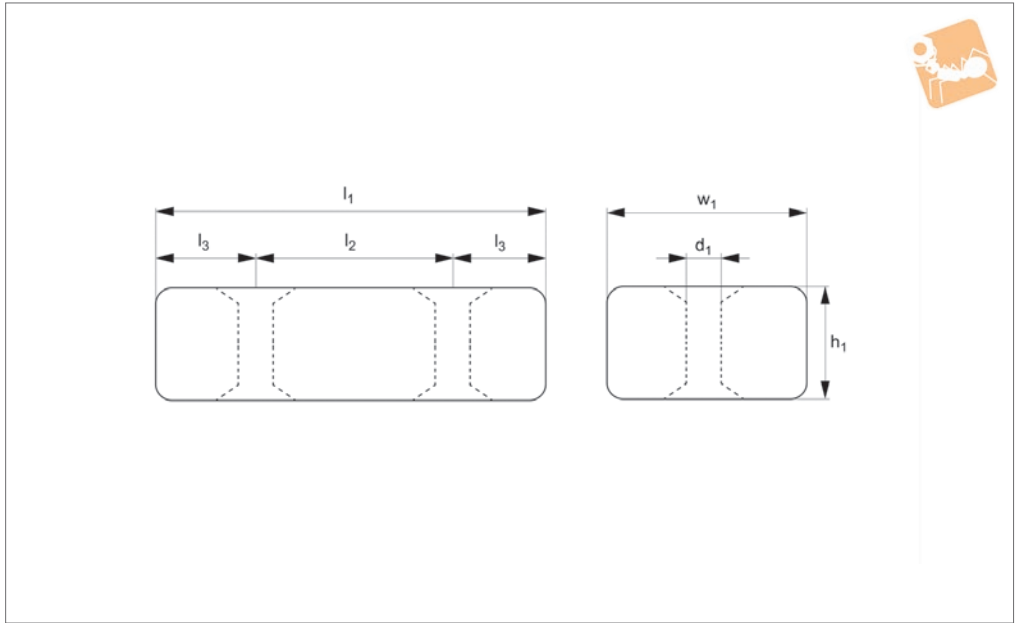
Material

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

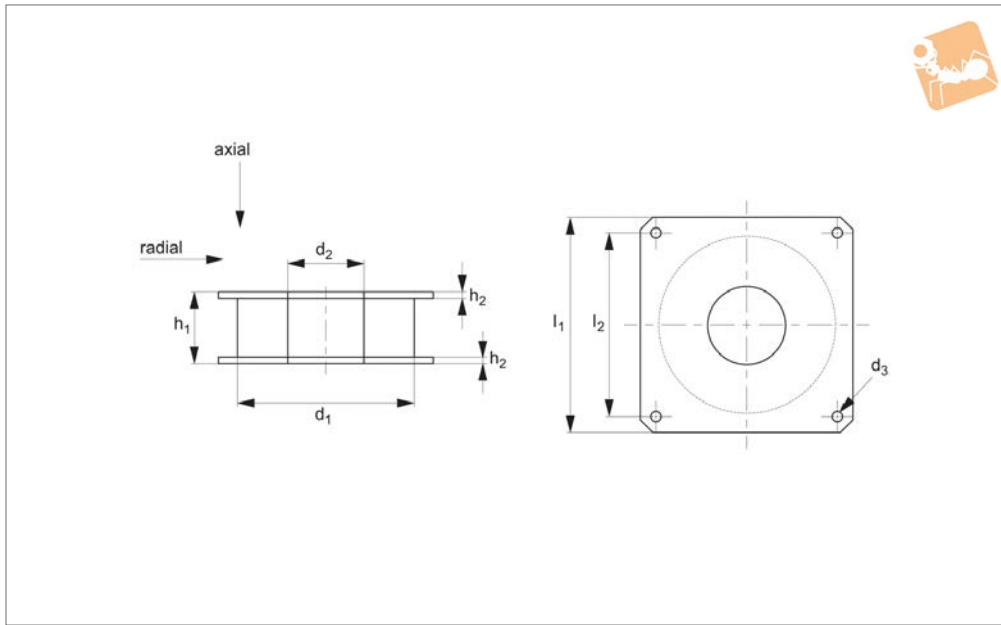
Rubber (hardness - 65 Shore A).

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



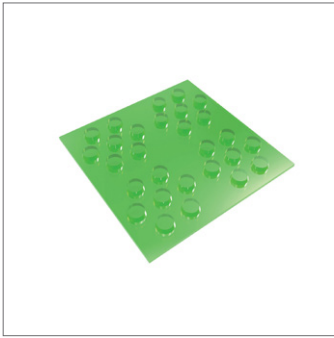
P2054

ANTI-VIBRATION COMPONENTS

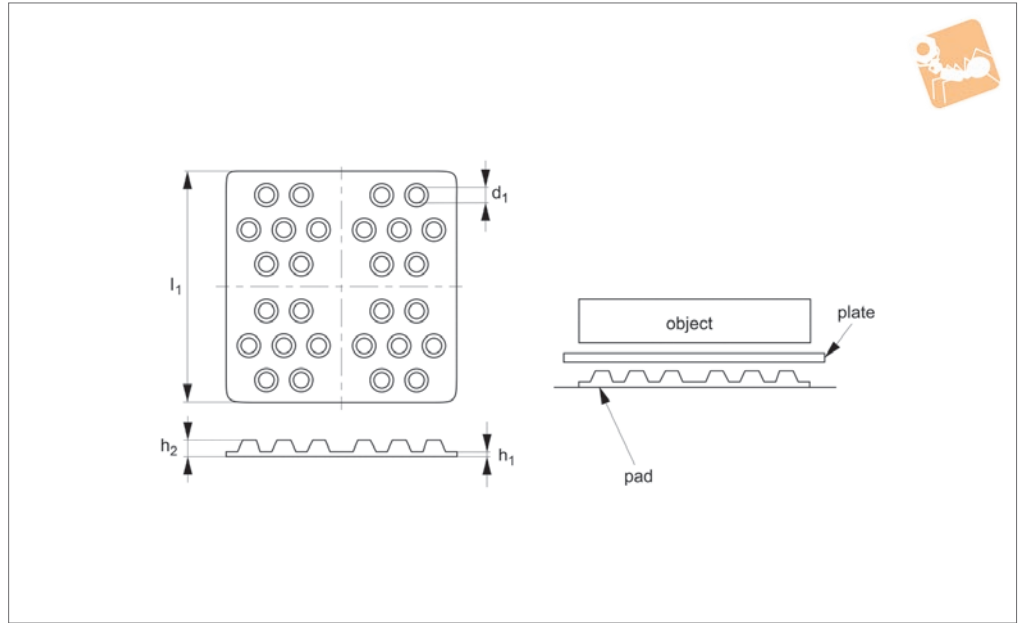
Material

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.

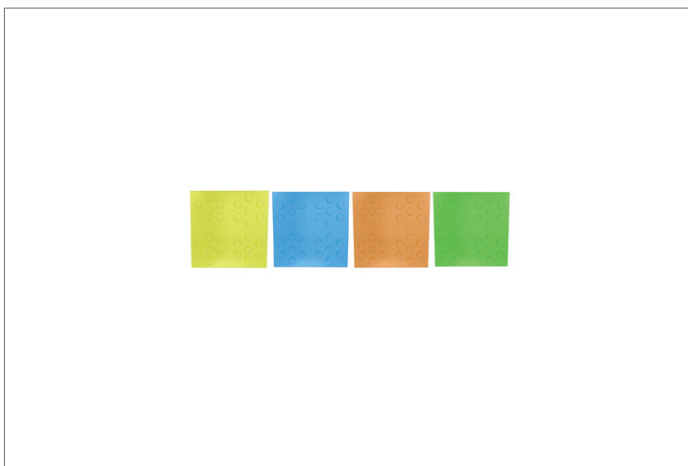
Technical Notes
If your application is too light to use with a full pad, you can simply add a plate to the pad to increase the overall load (as shown in the drawing). The pad can be cut up into 2 or 4 pieces to place under your applica-

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

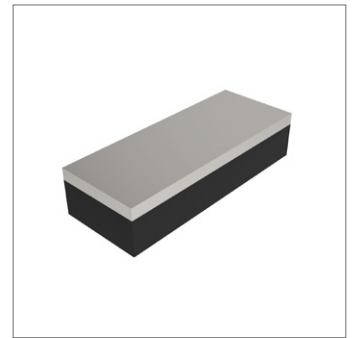
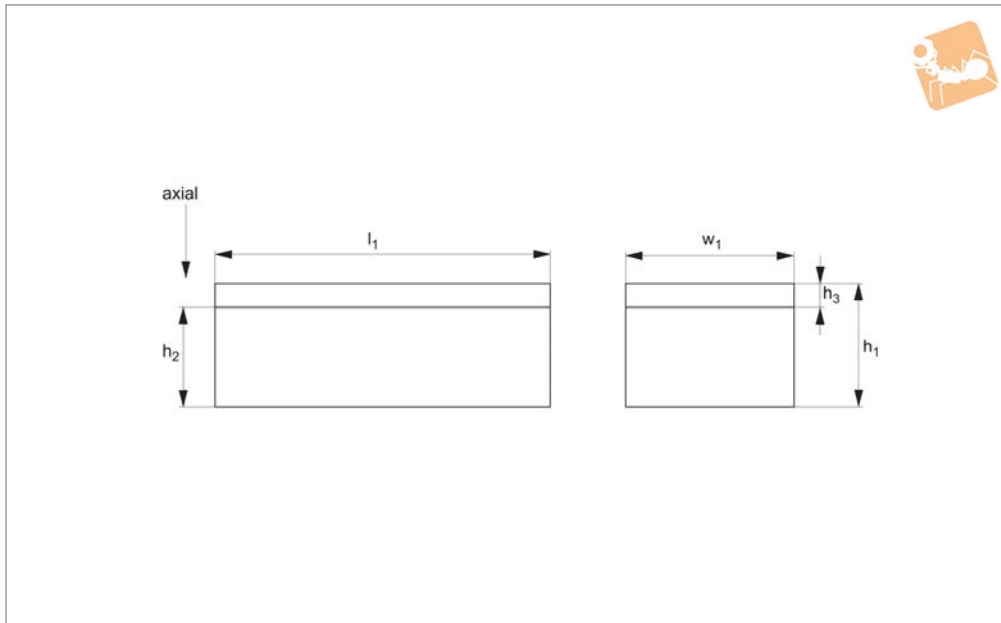




Anti-vibration Impact Plates

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.

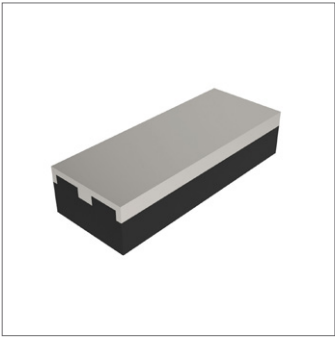
request.

Technical Notes

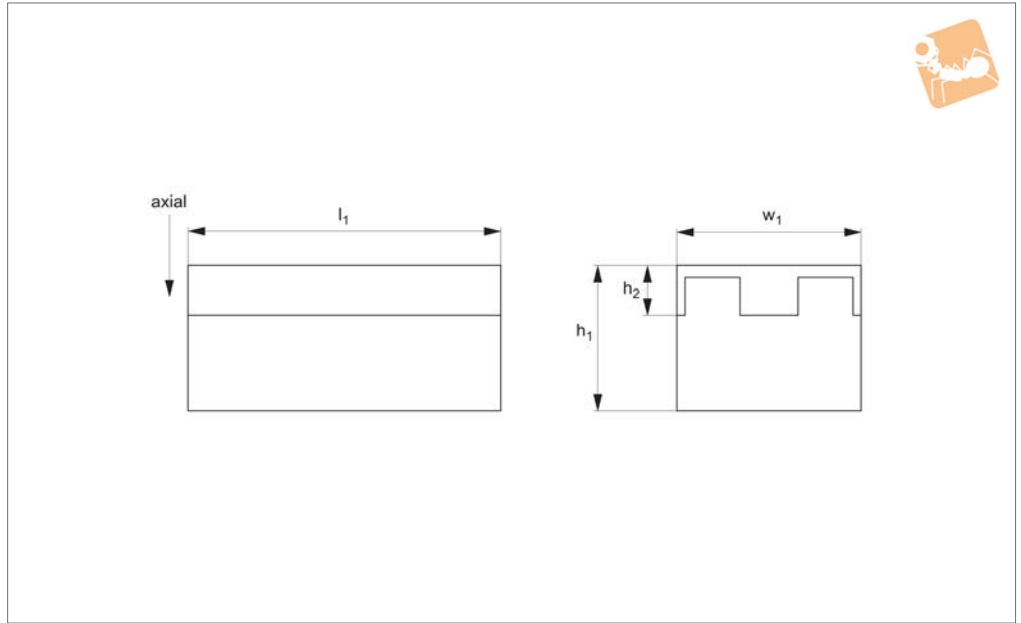
The metal plate is provided blank so it can

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

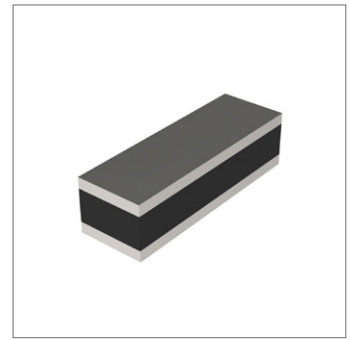
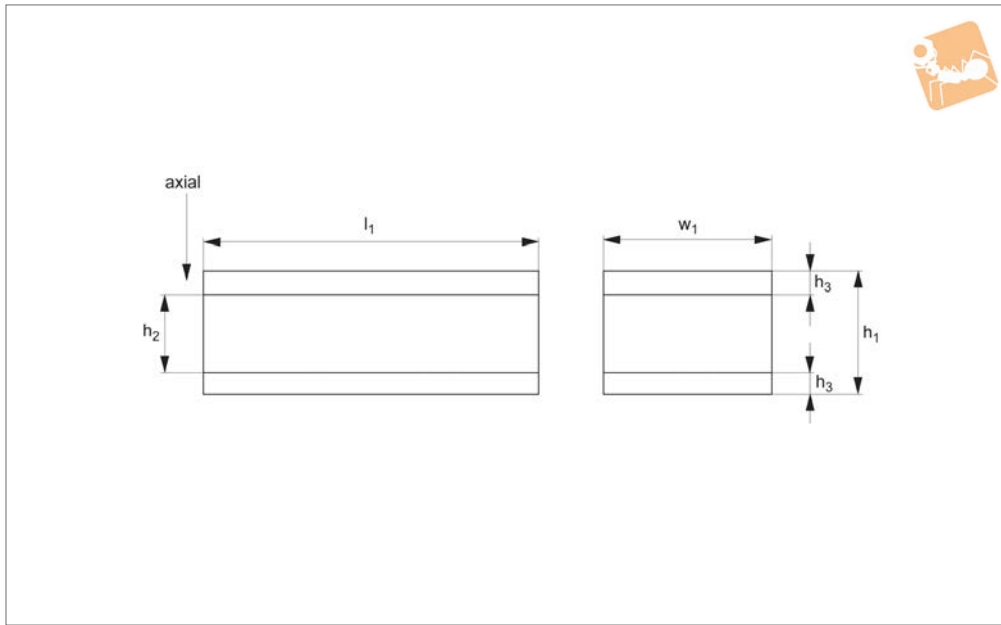
Rubber on silver zinc plated steel (rubber hardness - 60 Shore A).

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

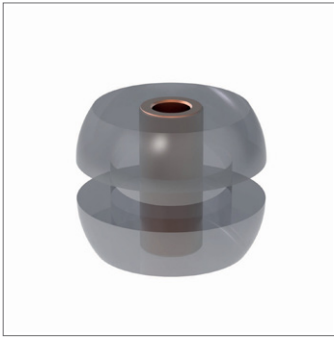
Rubber on silver zinc plated steel (rubber hardness - 60Shore A).

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.

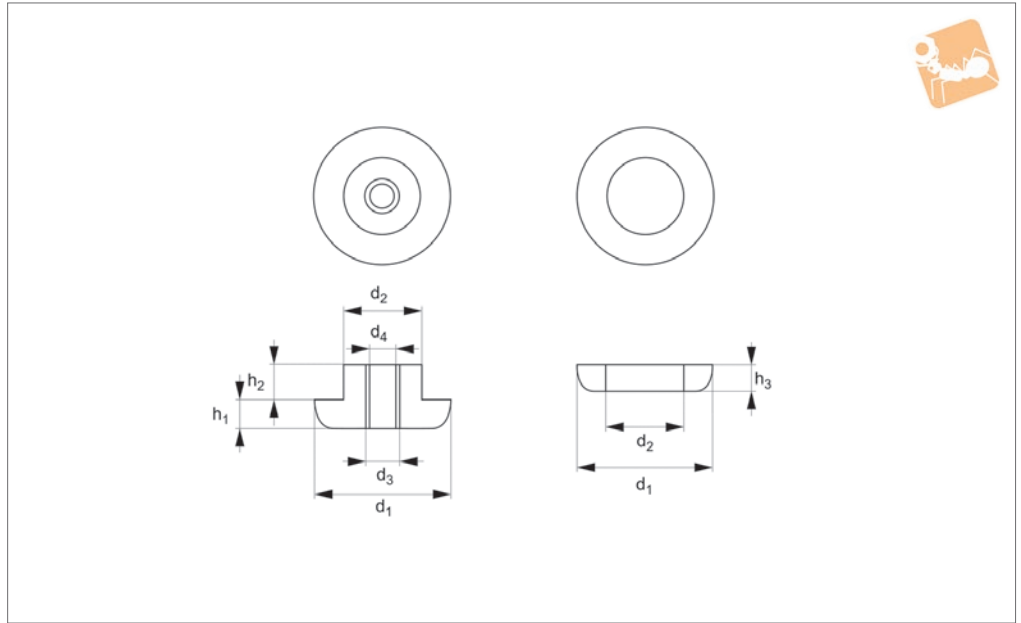
Technical Notes

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.

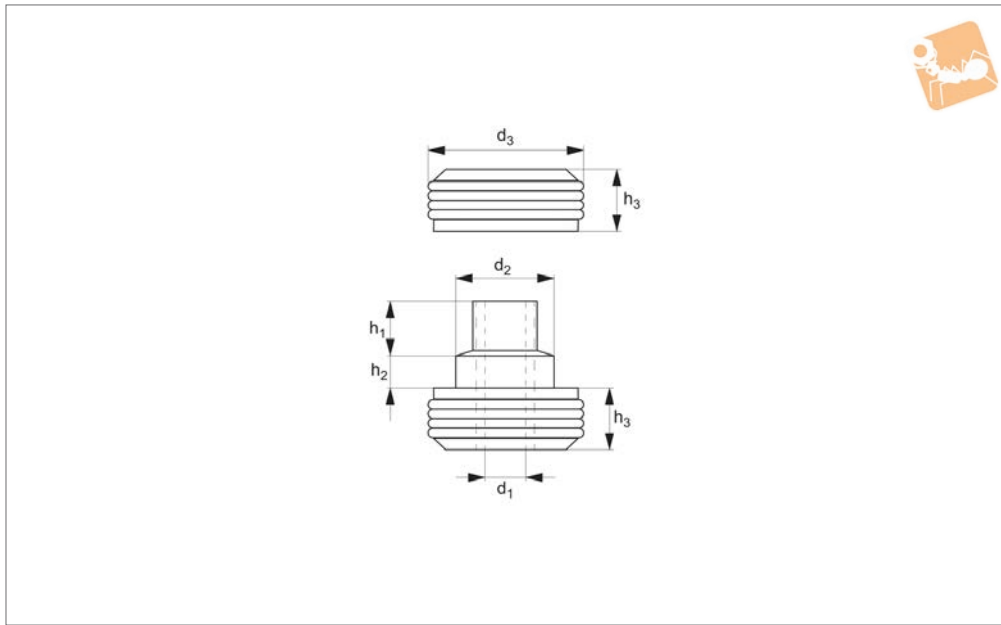
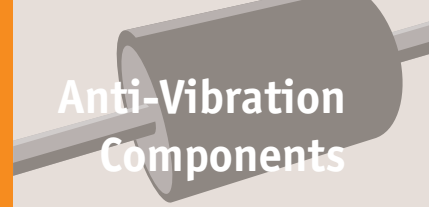
Order No.	d ₁	h ₁	d ₂	d ₃	d ₄	h ₂	h ₃	Resonance point Hz	Resonance magnification dB	Recommended frequency Hz	Optimum working load kgf
P2071.01-11	11	3	7	4	3	3,5	3	64~42	7~9	0,2kg: 90~ 0,75kg : 60~	0,05-0,1875
P2071.01-14	14	4	9	5	3	4	4	67~35	9~10	0,5kg: 95~ 2,5kg : 50~	0,125-0,625
P2071.01-25	25	5	14	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.

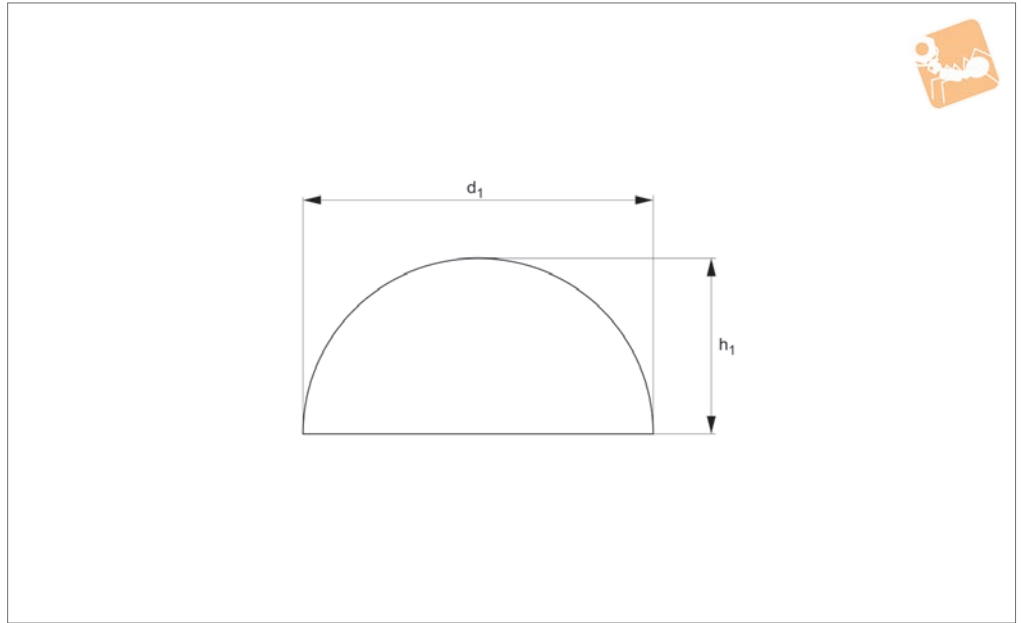
Important Notes

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



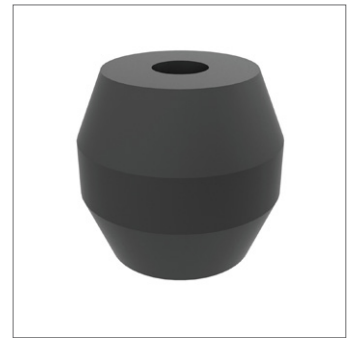
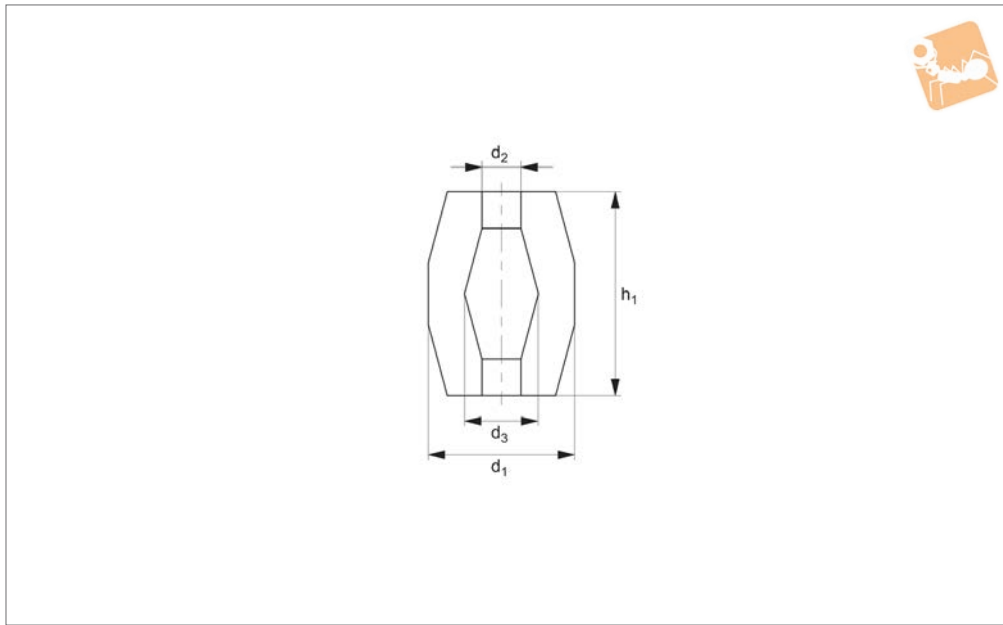
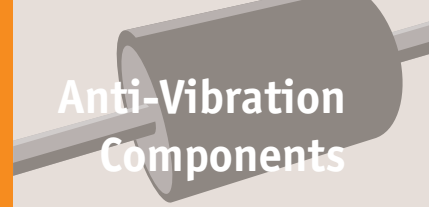
Material
Sorbothane.

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

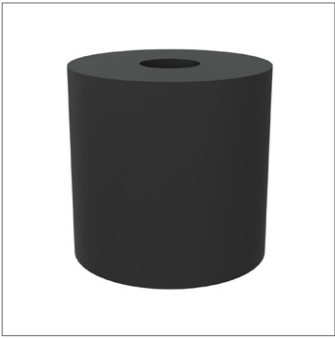
machines.

Allows high deformation with excellent spring back characteristics.

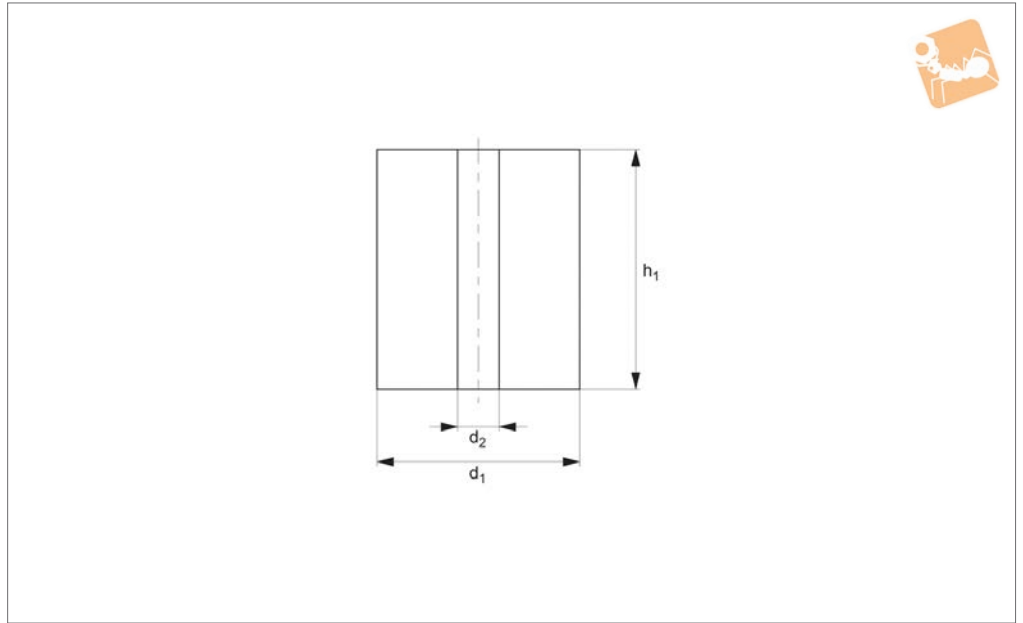
Supports axial and radial loads but not

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

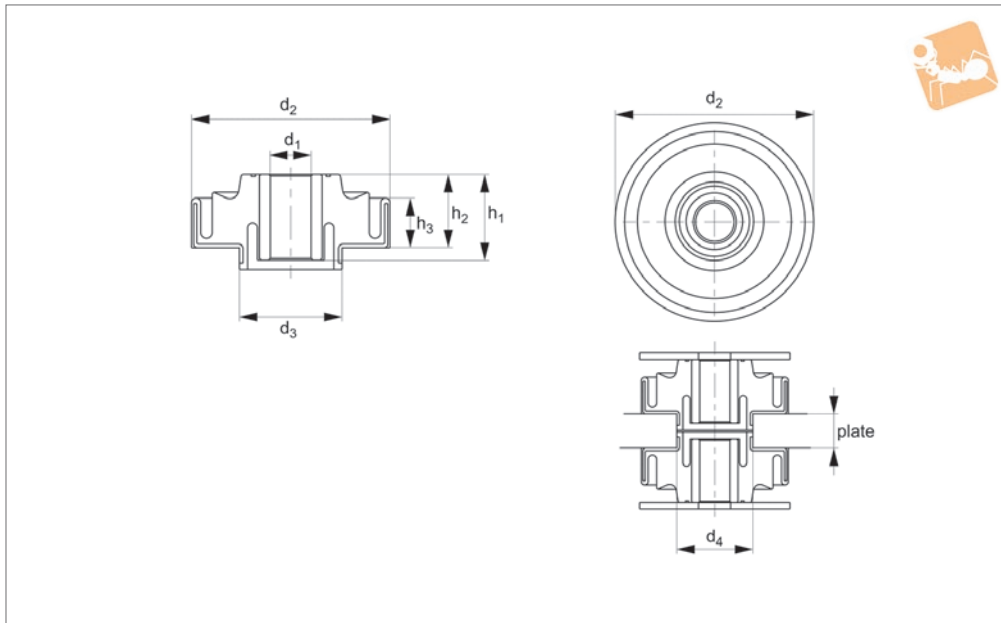
machines.

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

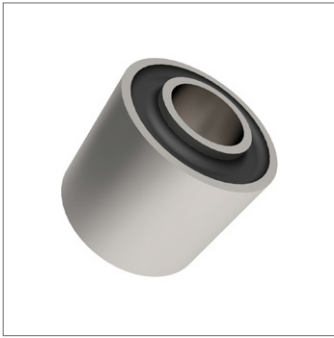
Tips

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

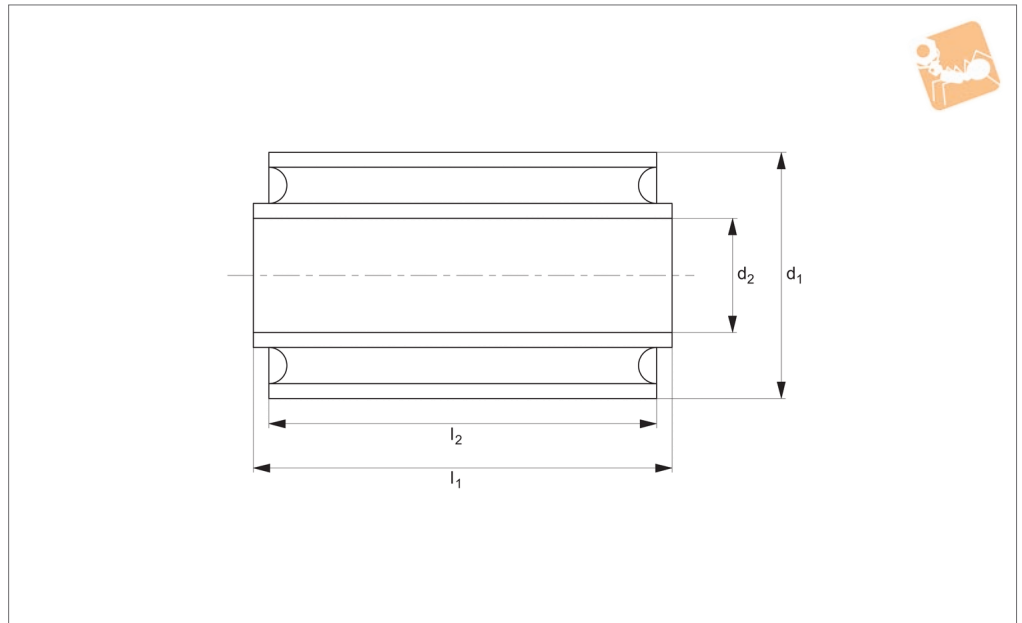
Important Notes

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

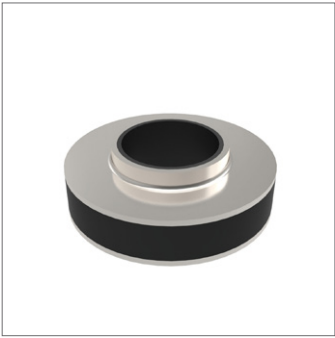
Order No.	d ₁	d ₂	l ₁	l ₂	Radial compression mm	Axial load kgf max.	Radial load kgf max.	Axial compression mm
P2070.008-016	16	8	15	15	0.2	15	30	0.8
P2070.009-020	20.5	9.5	15	13	0.2	15	35	1.0
P2070.010-021	21	10	26	24	0.4	25	70	1.5
P2070.010-027	27	10	20	20	0.2	25	80	1.0
P2070.011-024	24	11	18	16	0.3	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



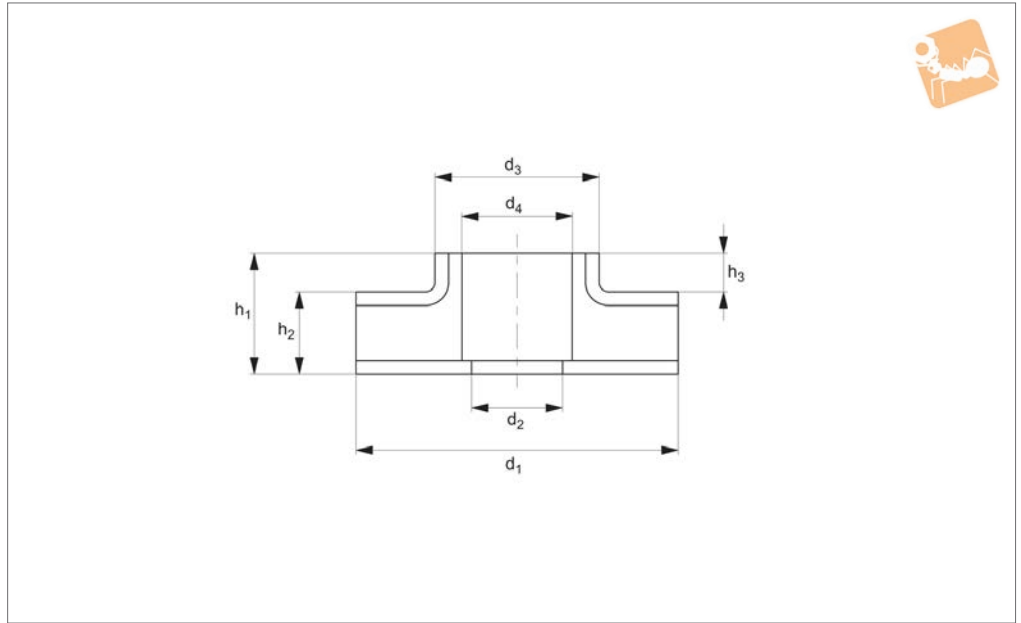
Anti-vibration Bushes metal-rubber

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.

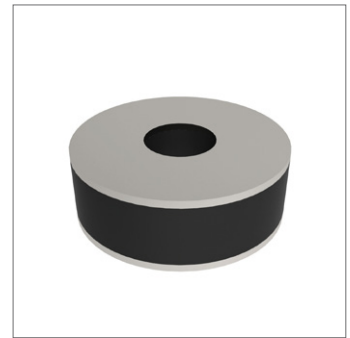
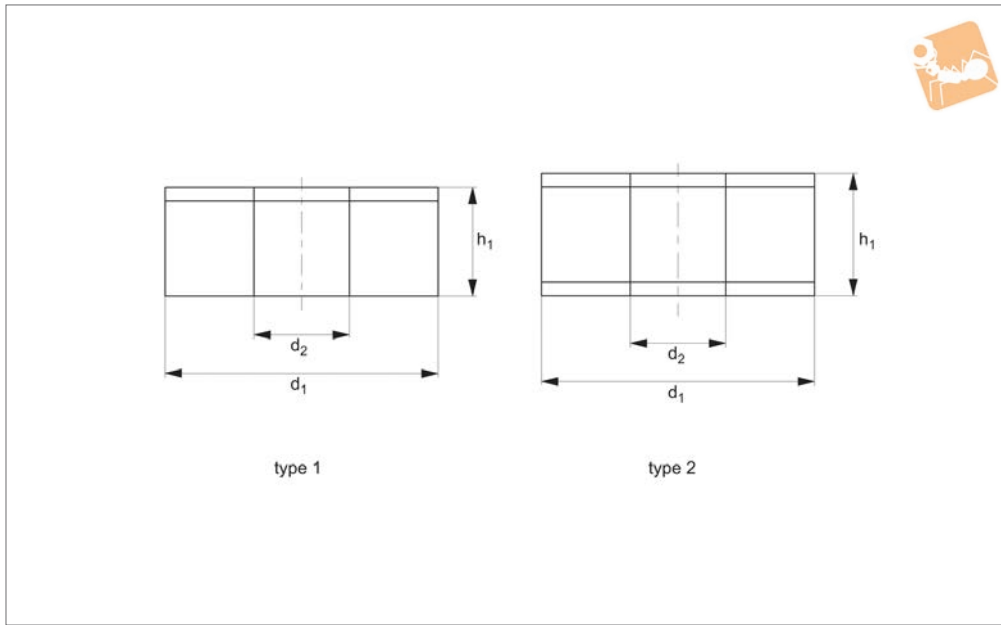
withstand under compression.

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

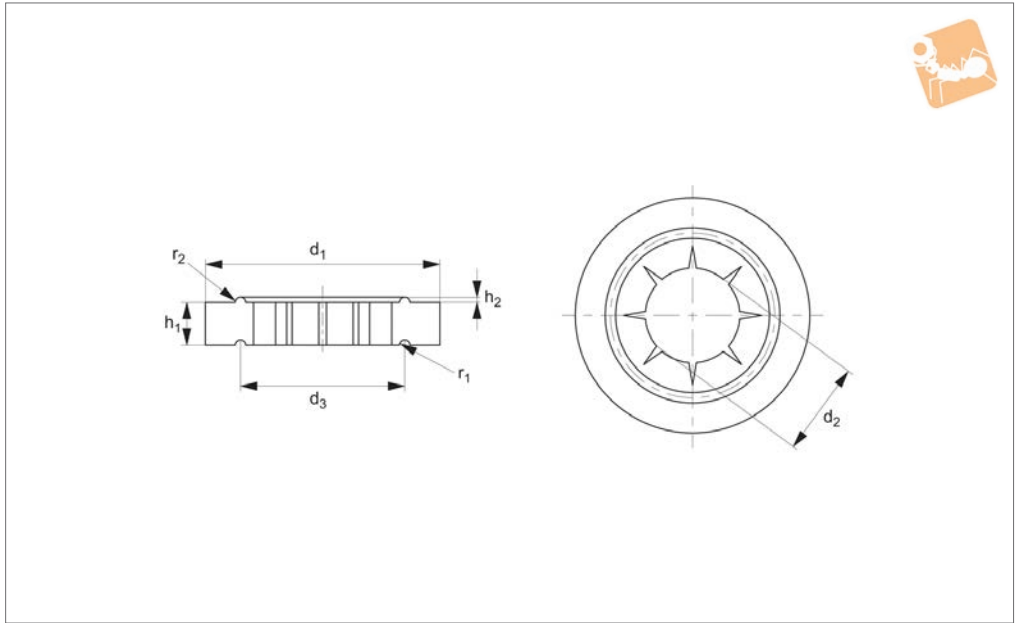
Static load relates to the load the unit can

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



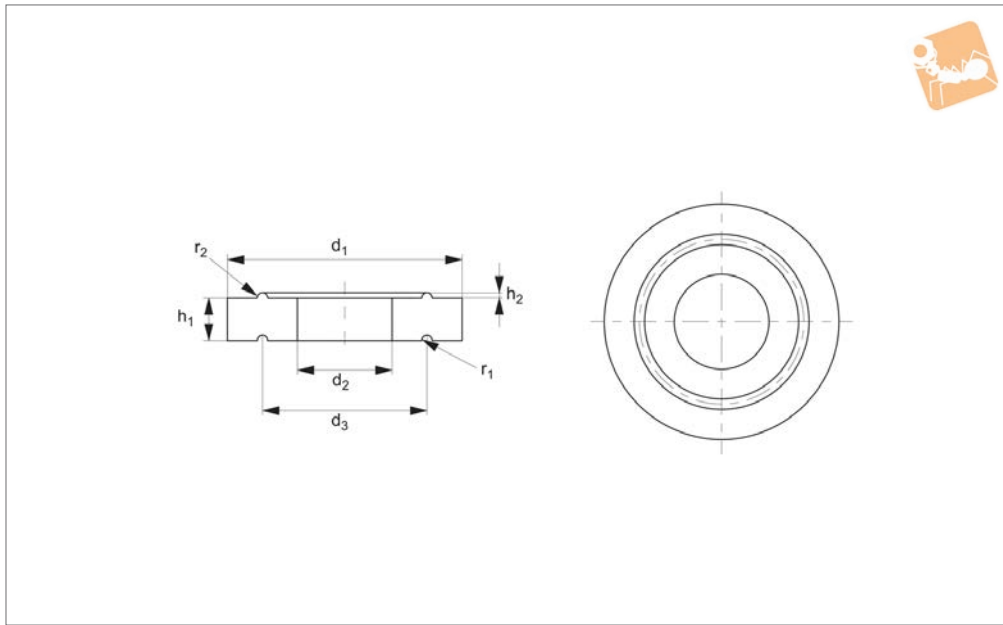
P2082



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



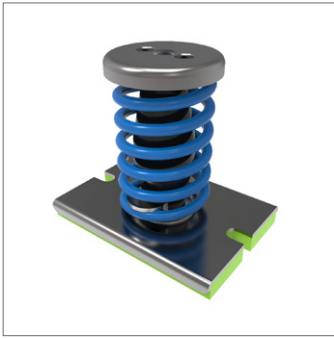
P2083

ANTI-VIBRATION COMPONENTS

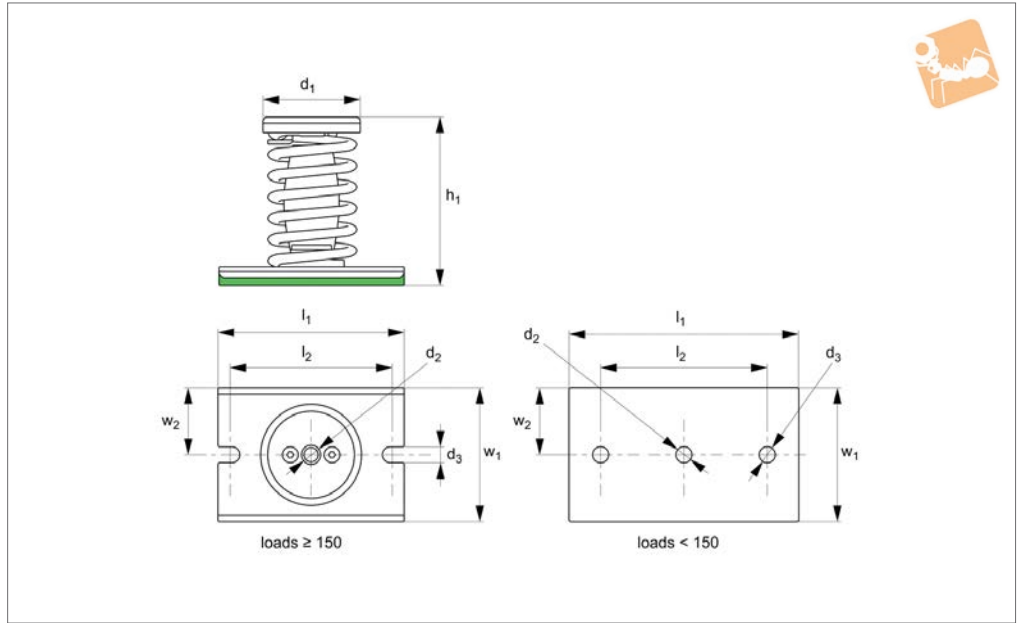
Material

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

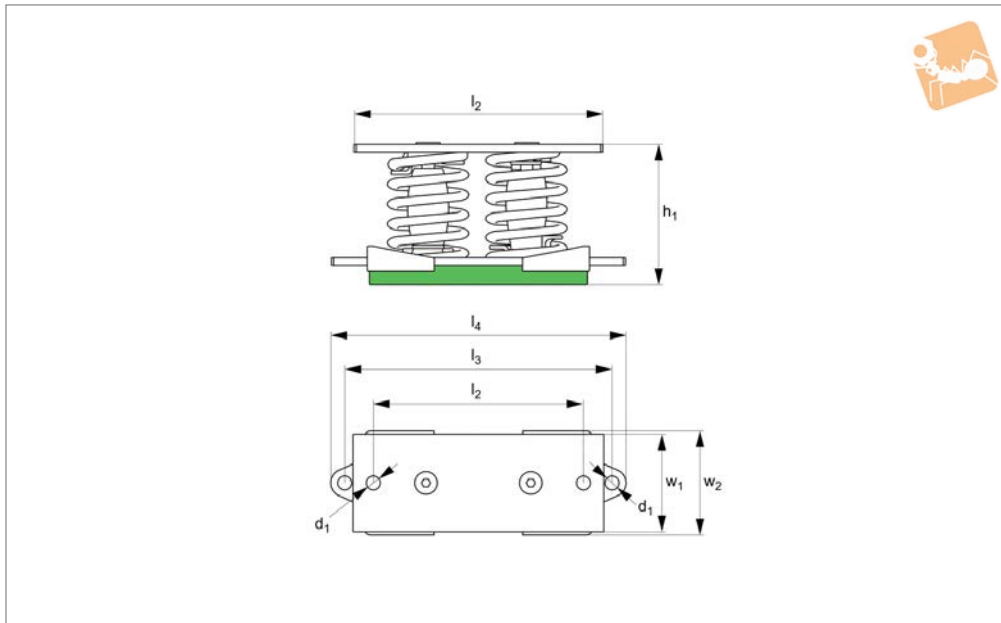
Order No.	Spring colour	l_1	h_1	d_1	w_1	d_2	d_3	l_2	w_2	Compression max.	Load kgf max.	Weight kg
P2452.008-025	Black	100	78	54	69.5	M 8	8.5	80	34.75	20	25	0.29
P2452.008-050	Blue	100	78	54	69.5	M 8	8.5	80	34.75	20	50	0.27
P2452.008-075	Grey	100	78	54	69.5	M 8	8.5	80	34.75	20	75	0.30
P2452.008-100	Beige	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-

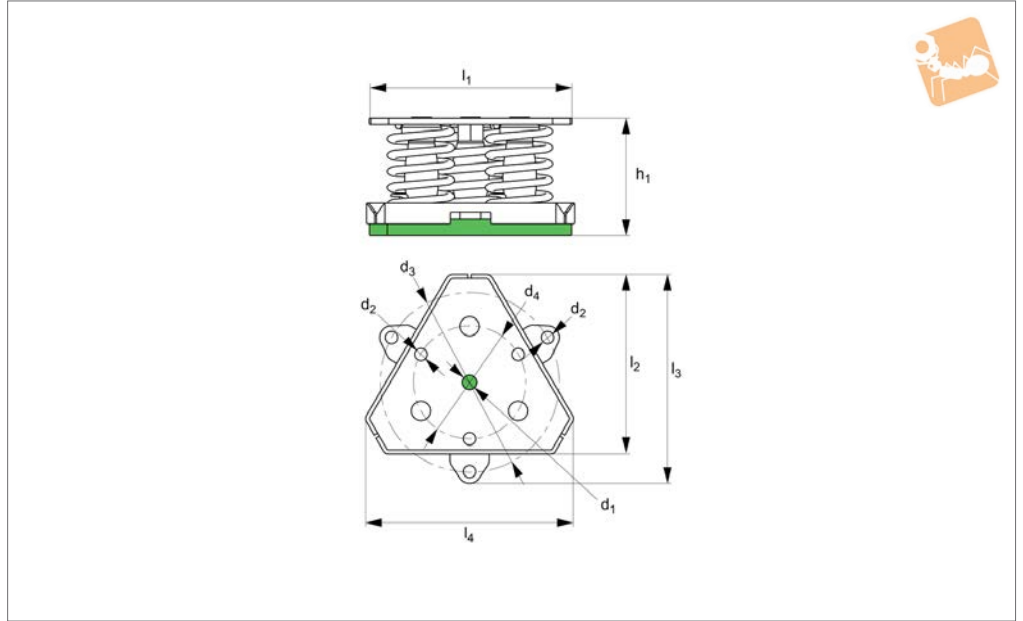
Tips

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

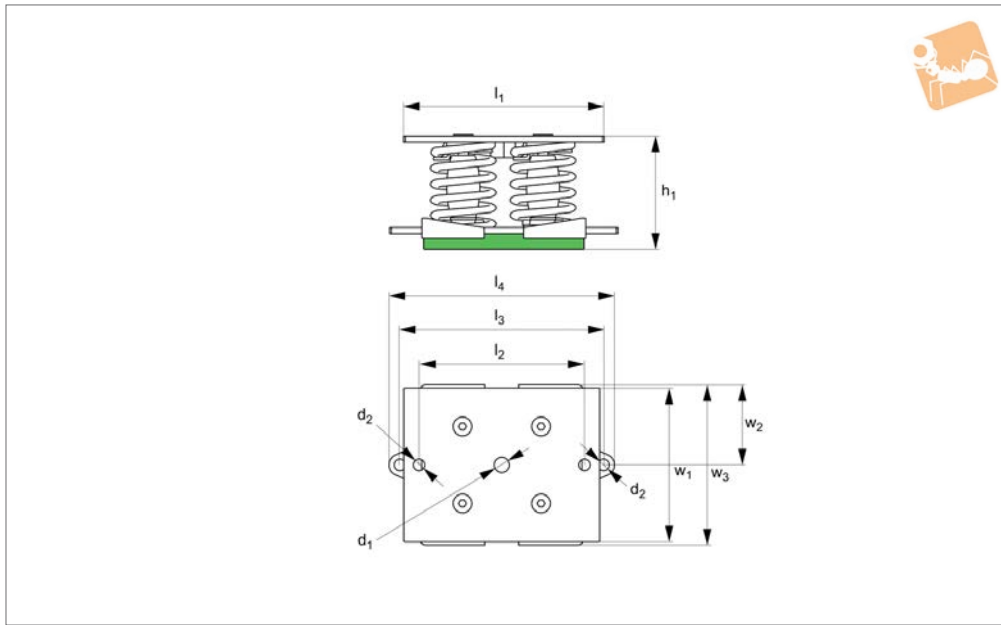
These are used in sectors such as air

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-

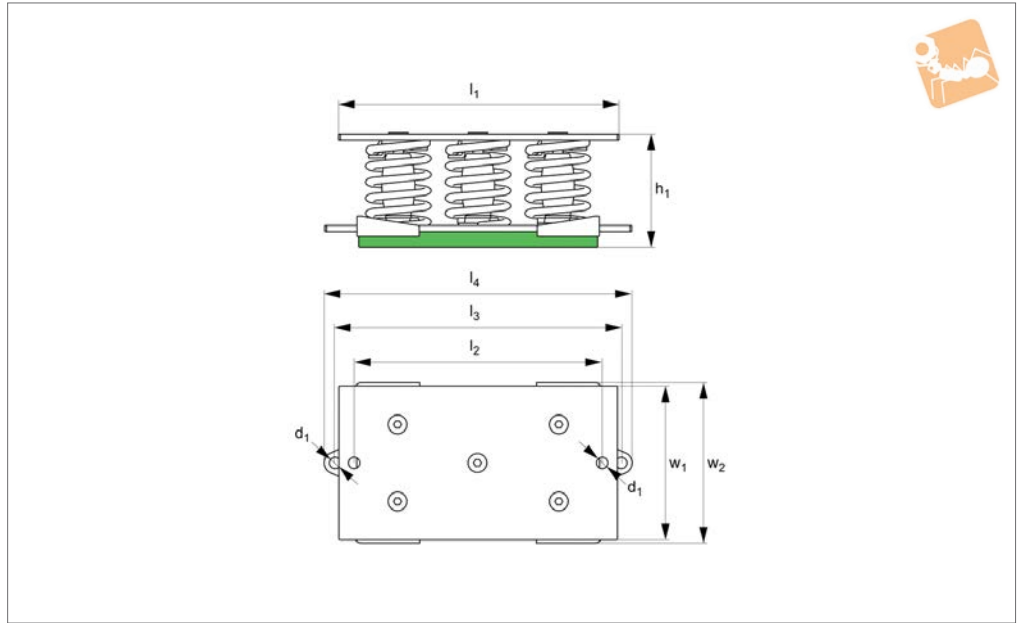
Tips

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-

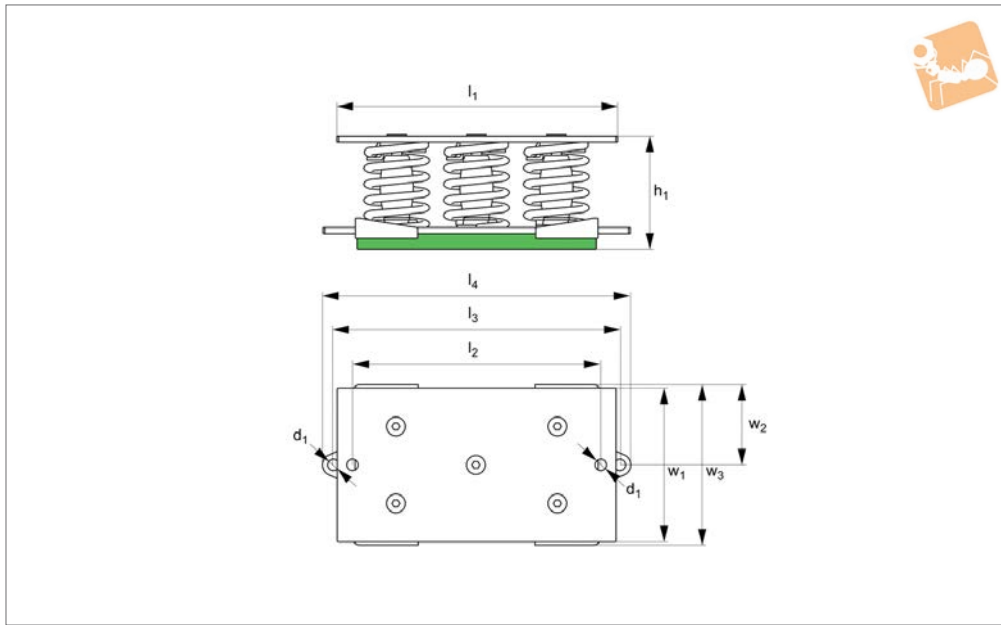
Tips

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-

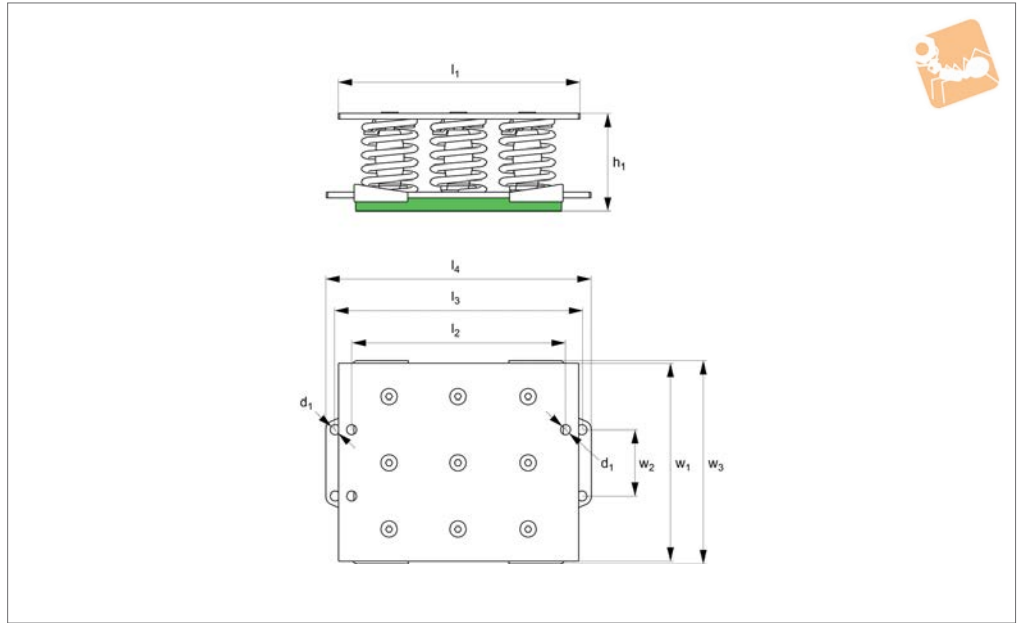
Tips

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

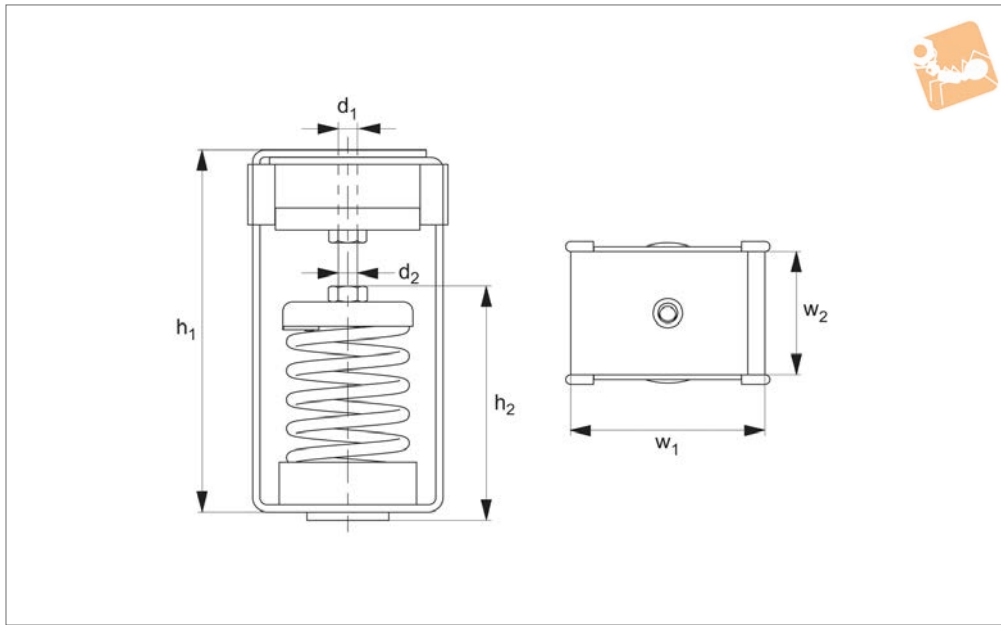
Order No.	Spring colour	l_1	h	d	w_1	l_2	l_3	l_4	w_2	w_3	Compression max.	Load kgf max.	Weight kg
P2458.016-1350	Blue	280	136	16	226	248	290	322	75	232	30	1350	13.70
P2458.016-1800	White	280	136	16	226	248	290	322	75	232	30	1800	14.04
P2458.016-2250	Black	280	136	16	226	248	290	322	75	232	30	2250	14.83
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

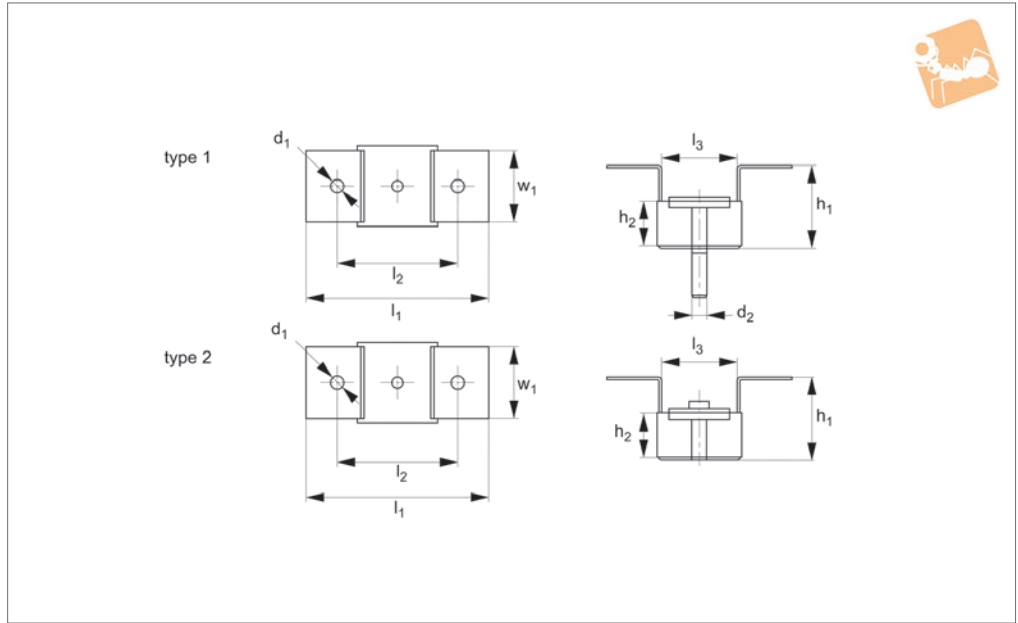
spring strengths for increasing loads.

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.

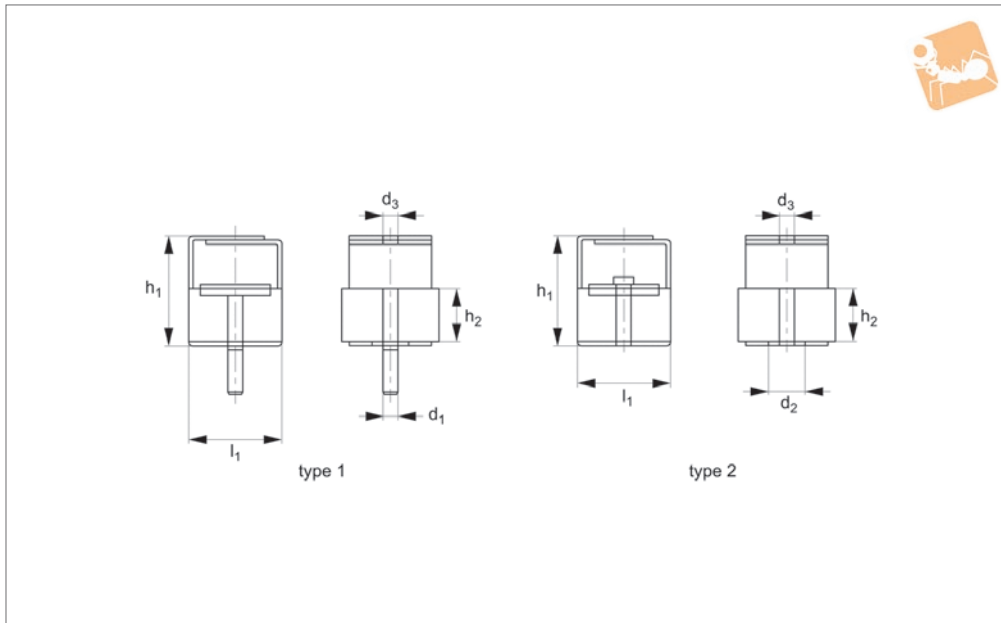
Order No.	Type	d ₁	w ₁	h ₁	d ₂	h ₂	l ₁	l ₂	l ₃	Compression max.	Load kgf max.
P2501.100-030	Type 1	7	40	46.5	M6	25	100	66.0	40	8	30
P2501.100-075	Type 1	7	40	46.5	M6	25	100	66.0	40	6	75
P2501.135-060	Type 1	11	55	65.0	M6	25	130	98.5	49	9	60
P2501.135-150	Type 1	11	55	65.0	M6	25	130	98.5	49	6	150
P2501.100-230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

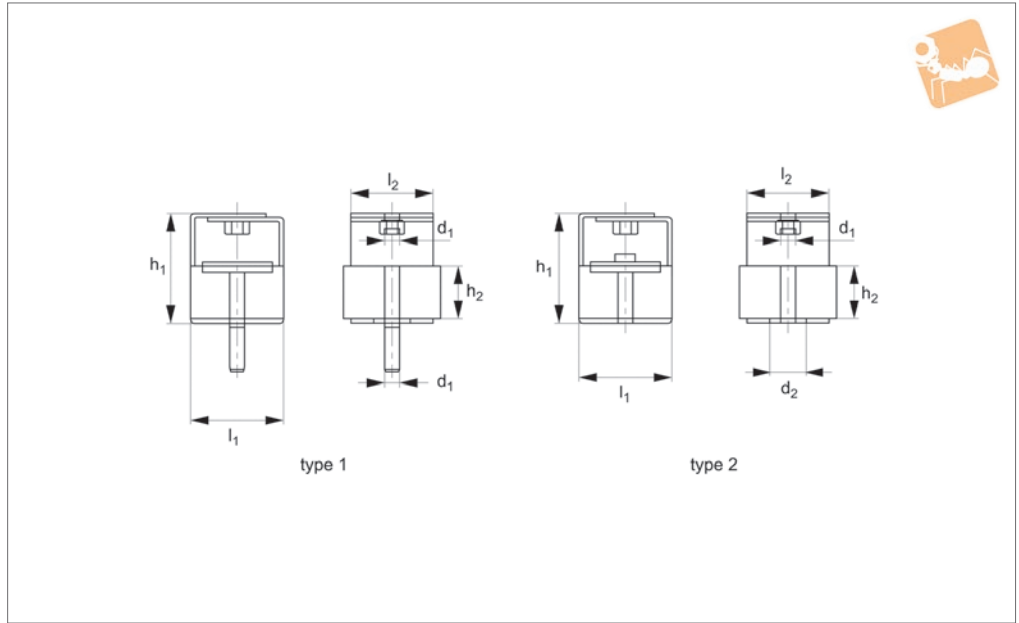
They are put through an anti-corrosive

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

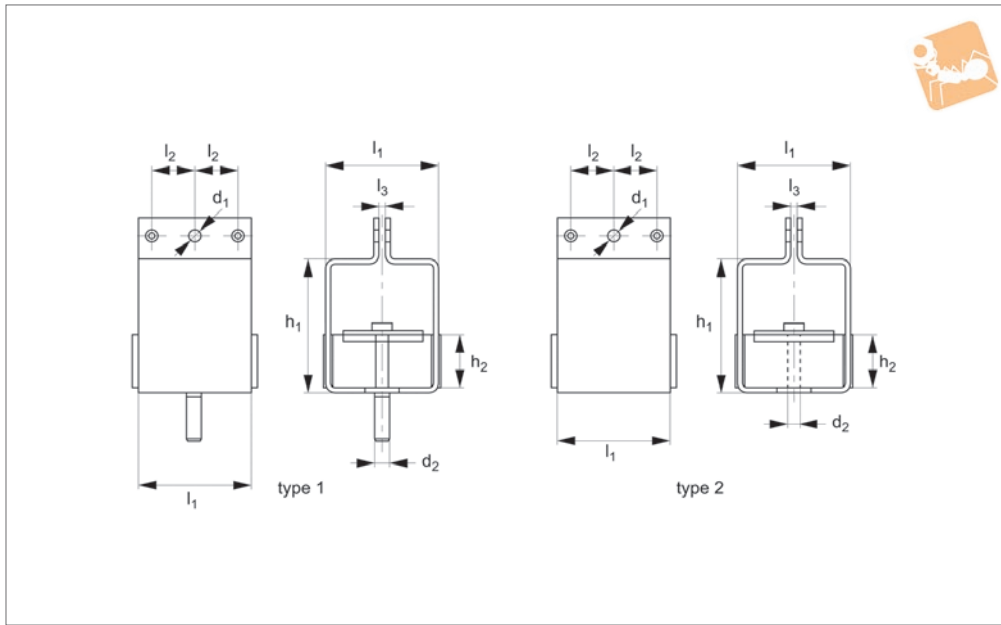
treatment, which can withstand harsh conditions.

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.

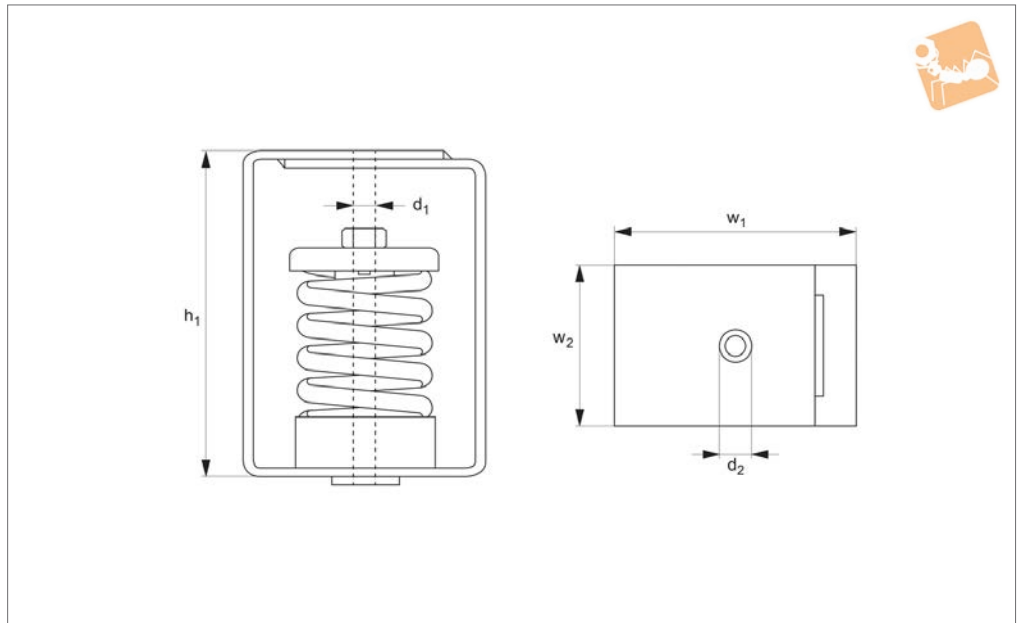
They are put through an anti-corrosive

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

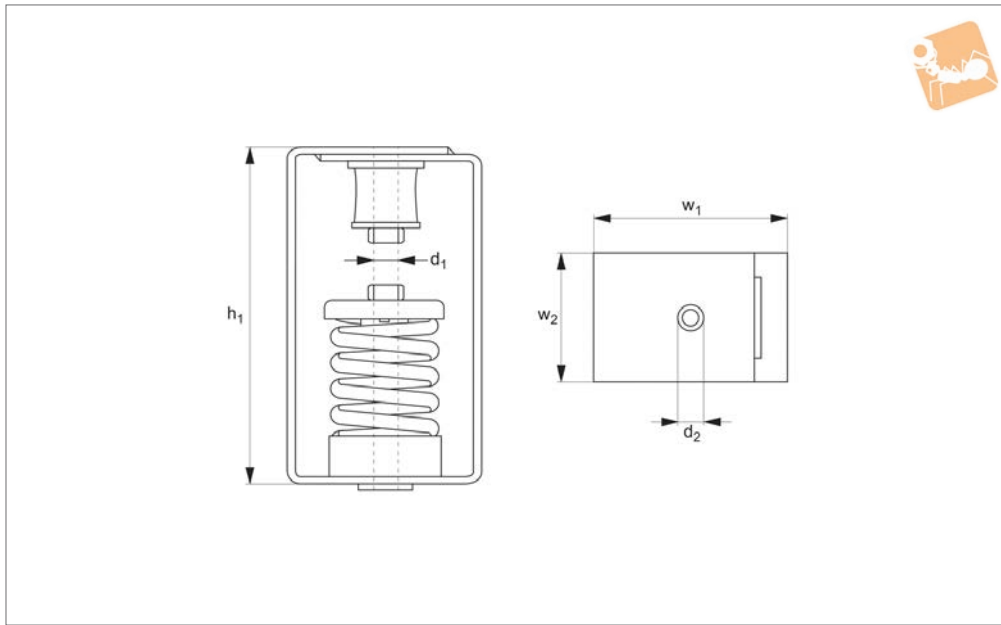
Select the damper corresponding to the

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.

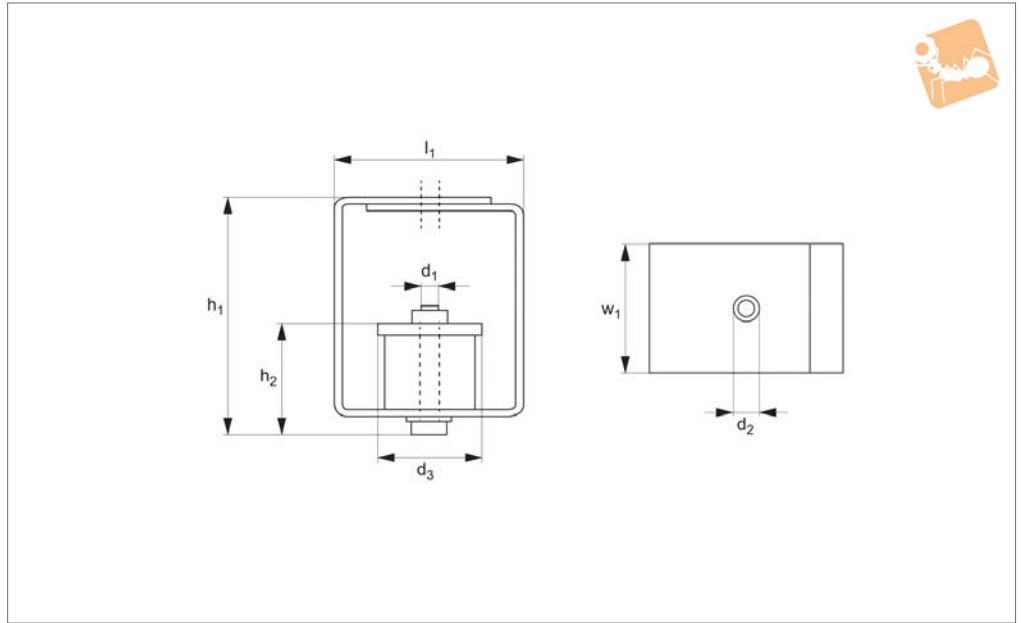
Tips

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

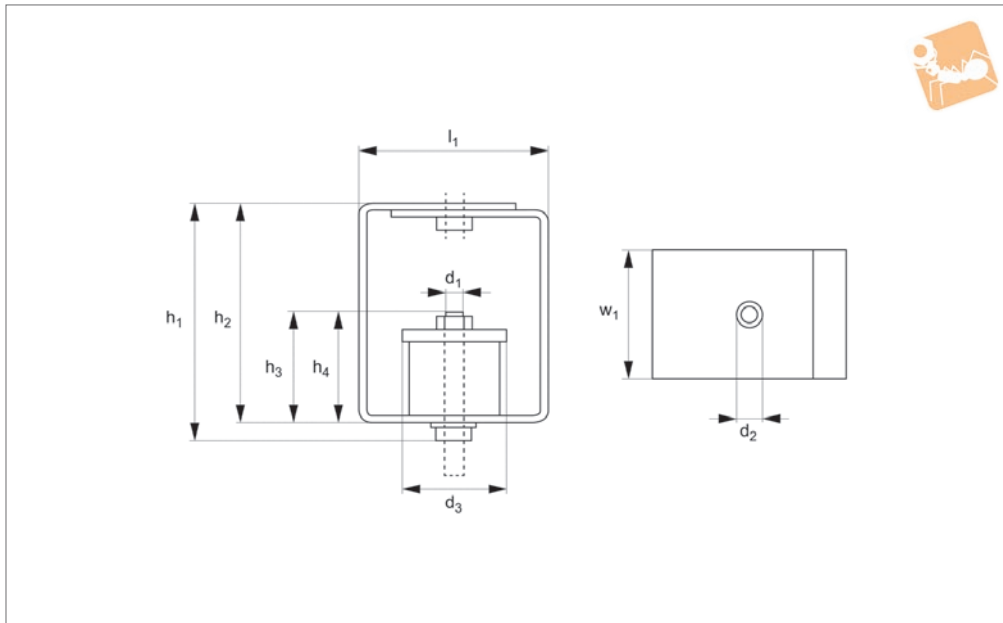
Select the damper corresponding to the

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.

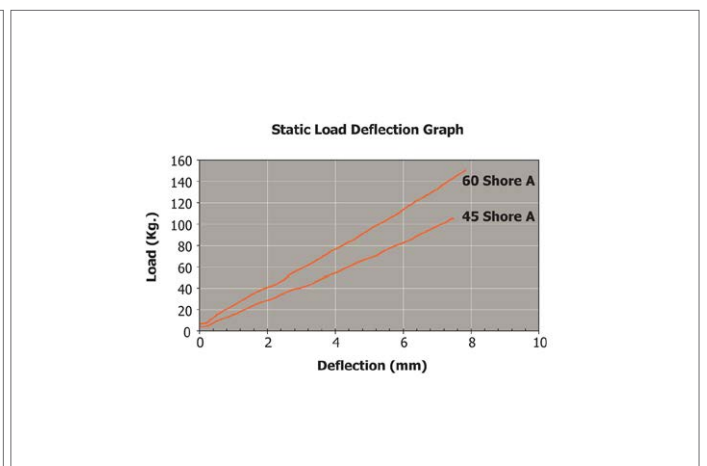
The metal hanger is designed to cope with loads up to 1000kg.

Tips

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

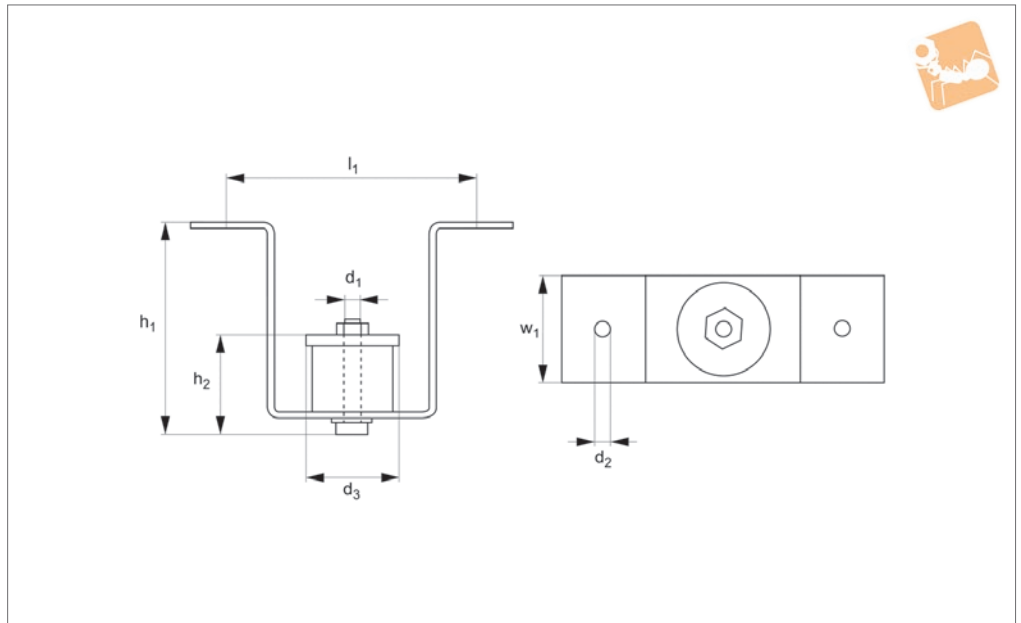
These hanger can be used for fans, distribution pipes, ducts and acoustic ceilings.

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

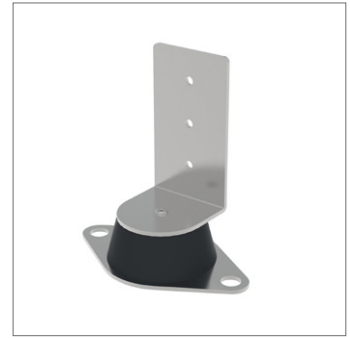
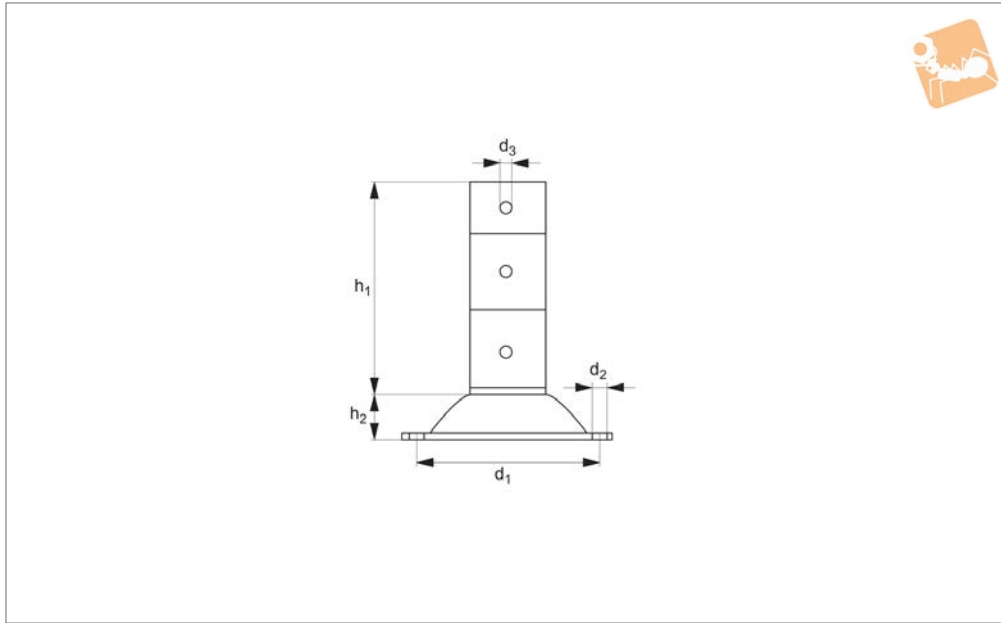
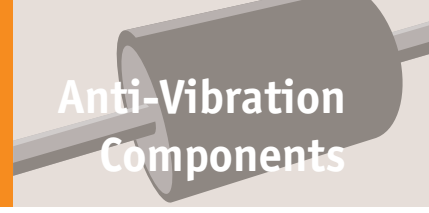
Select the damper corresponding to the

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



Recommendations for Machine Mounts

The machine mounts should be installed between two parallel and perfectly flat surfaces. Mounts operating tilted or twisted do not work properly. This may be due to incorrect alignment, tolerances in the building of the structure or over-tightened torque during the installation of the anti-vibration mounts.



Incorrect ✗



Correct ✓



Incorrect ✗



Correct ✓



Incorrect ✗



Correct ✓



Incorrect ✗



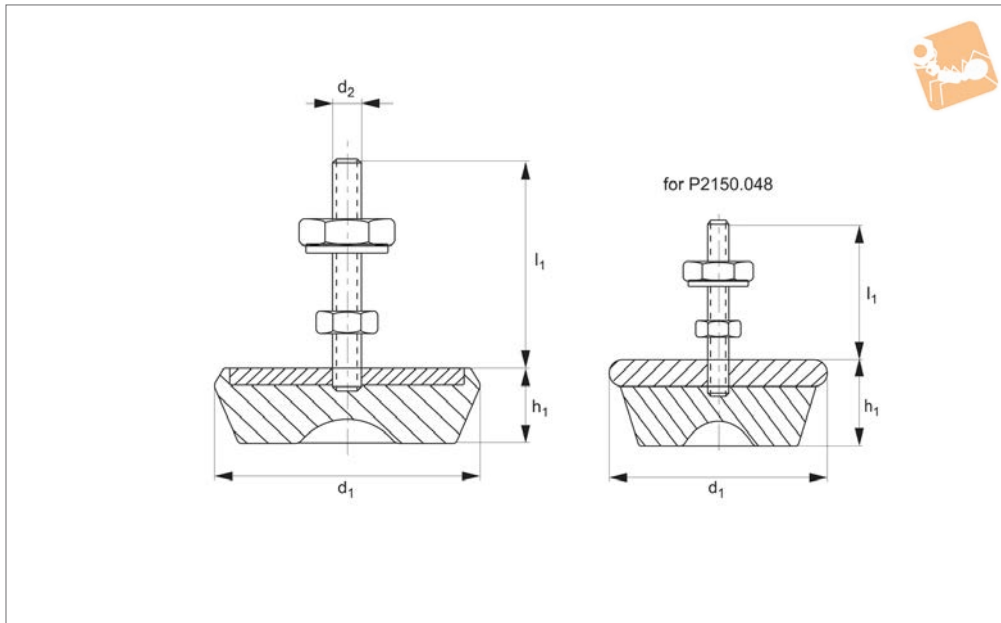
Correct ✓



Incorrect ✗



Correct ✓



P2150

LEVELLING FEET

Material

Steel body with silver zinc plated thread.
Synthetic rubber pad (65-70 Shore A) with

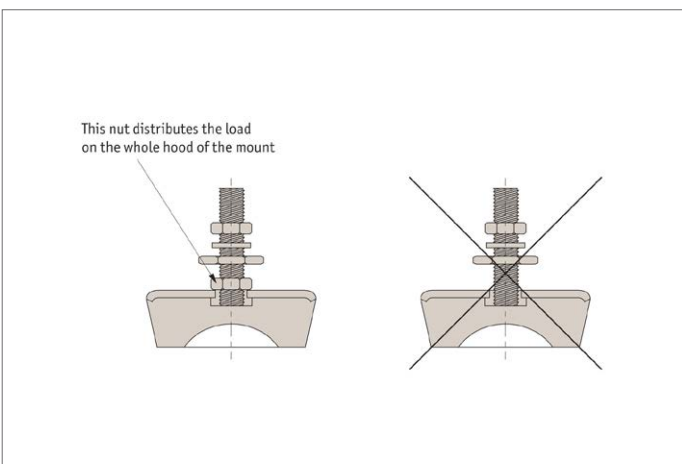
anti-slide cavity.

Technical Notes

Suitable for machinery with low frequency

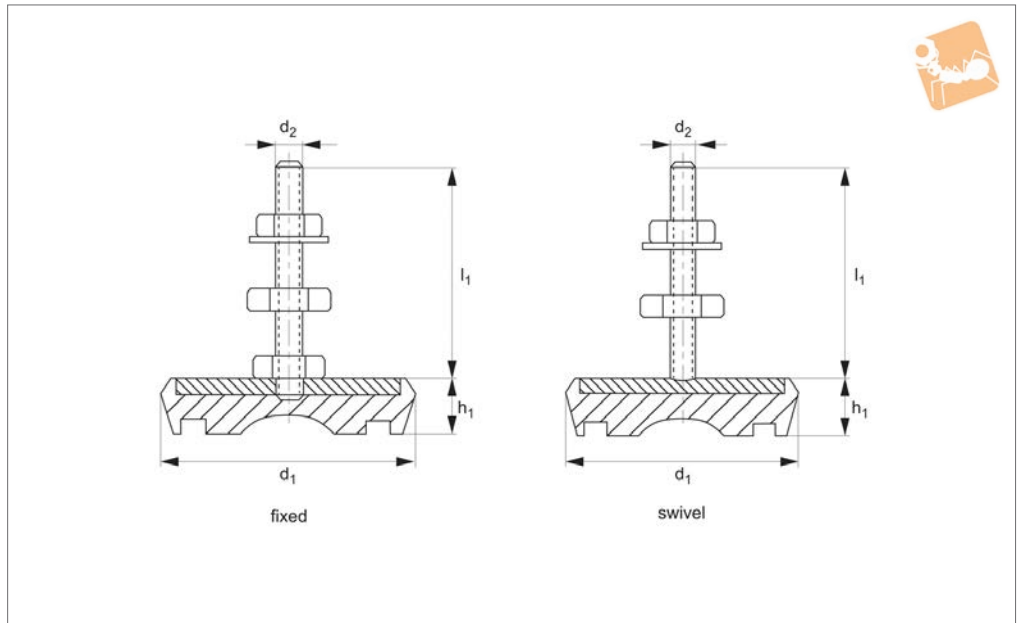
vibrations and for irregular floors.

Order No.	d ₁	h ₁	d ₂	l ₁	Load range kgf
P2150.048	48	23	M 8	40	0-80
P2150.060	60	25	M10	83	50-120
P2150.075	75	30	M12	90	80-150
P2150.090	90	33	M12	90	120-300
P2150.105	105	38	M16	110	250-500
P2150.125	125	45	M16	110	400-800
P2150.150	150	55	M16	110	600-1000
P2150.170	170	57	M16	110	1000-1600
P2150.187	187	70	M20	115	1400-2400
P2150.210	210	75	M20	115	2000-3500





P2151



Material

Steel body with zinc plated thread.
Synthetic rubber base (65 Shore A), with anti-slide cavity.

Technical Notes

Suitable for medium and high frequency

vibrations and with smooth floors.

Tips

For inclined floors use the swivel base versions (M12 and M16).
The swivel base versions have a separate screw which rests in the concave cup on the

top portion of the foot body.

Order No.	Style	d ₁	h ₁	d ₂	l ₁	Load range kgf
P2151.040-F	Fixed	40	15	M 8	40	0-60
P2151.063-F	Fixed	63	18	M10	83	30-100
P2151.070-F	Fixed	70	22	M12	90	80-150
P2151.090-F	Fixed	90	25	M12	90	100-350
P2151.106-F	Fixed	106	29	M16	110	300-600
P2151.127-F	Fixed	127	33	M16	110	500-900
P2151.150-F	Fixed	150	39	M16	110	800-1500
P2151.170-F	Fixed	170	42	M16	110	1300-2000
P2151.070-S	Swivel	70	22	M12	90	80-150
P2151.090-S	Swivel	90	26	M12	90	100-350
P2151.106-S	Swivel	106	32	M16	110	300-600
P2151.127-S	Swivel	127	33	M16	110	500-900
P2151.150-S	Swivel	150	39	M16	110	800-1500
P2151.170-S	Swivel	170	42	M16	110	1300-2000

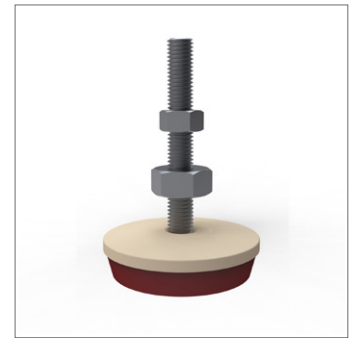
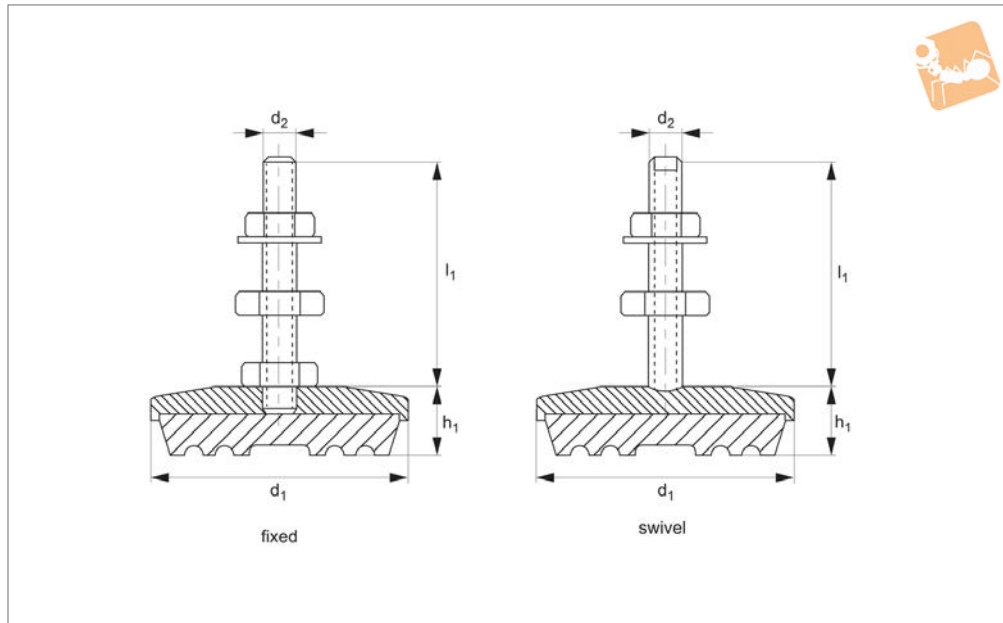


Heavy Duty Machine Mounts

polyurethane base



Levelling Feet



P2152

LEVELLING FEET

Material

Steel (GGG-40) coated body with zinc plated thread. Polyurethane base (65-90 Shore A).

deflection and maximum adherence due to shape of base.

Resistant to water, oil, high and low temperatures, abrasions and shocks.

tions where there is high risk of deterioration due to oil and other substances.

Also available in stainless steel - see product number P2161.

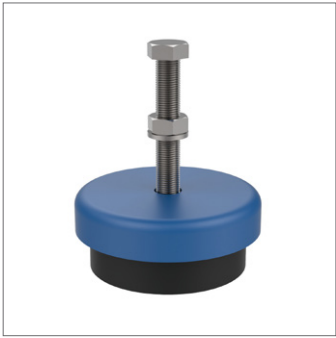
Technical Notes

High resistance machine mounts, little

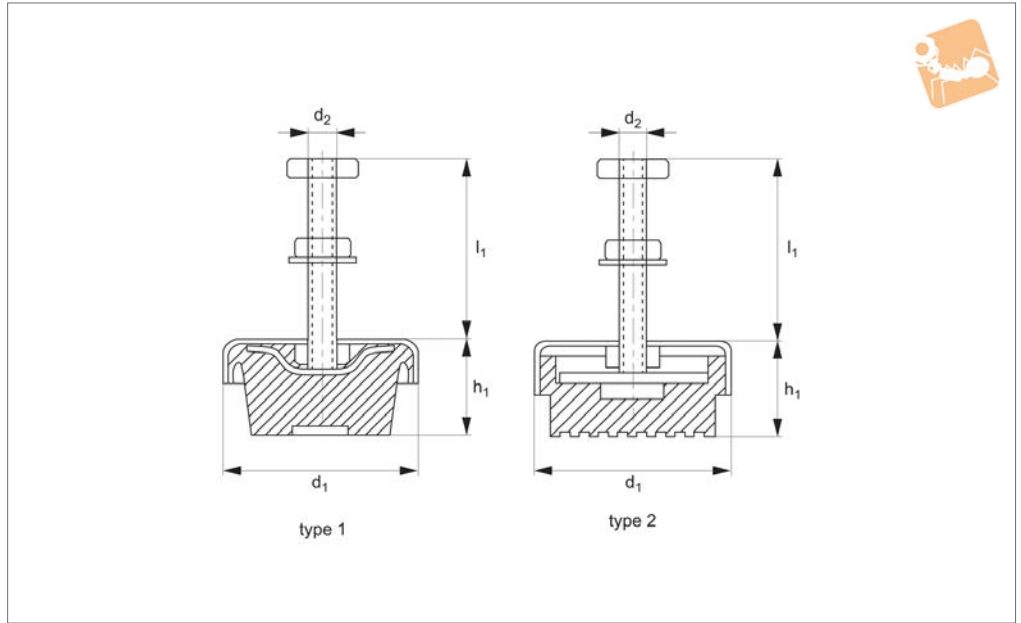
Tips

Suitable for heavy machining and condi-

Order No.	Style	d ₁	h ₁	d ₂	l ₁	Load range kgf
P2152.065-F	Fixed	65	22	M12	90	200-800
P2152.100-F	Fixed	100	30	M16	110	800-2000
P2152.120-F	Fixed	120	33	M20	120	2000-4000
P2152.180-F	Fixed	180	40	M20	115	4000-6000
P2152.217-F	Fixed	217	52	M24	145	5000-10000
P2152.100-S	Swivel	100	30	M16	95	500-2000
P2152.120-S	Swivel	120	33	M20	120	2000-4000
P2152.180-S	Swivel	180	40	M20	130	4000-6000
P2152.217-S	Swivel	217	52	M24	150	5000-10000



P2153



Material

Coated steel body with special bowl shape to protect against corrosion. Synthetic rubber base (75 Shore A).

Technical Notes

Provides long life and outstanding stability.

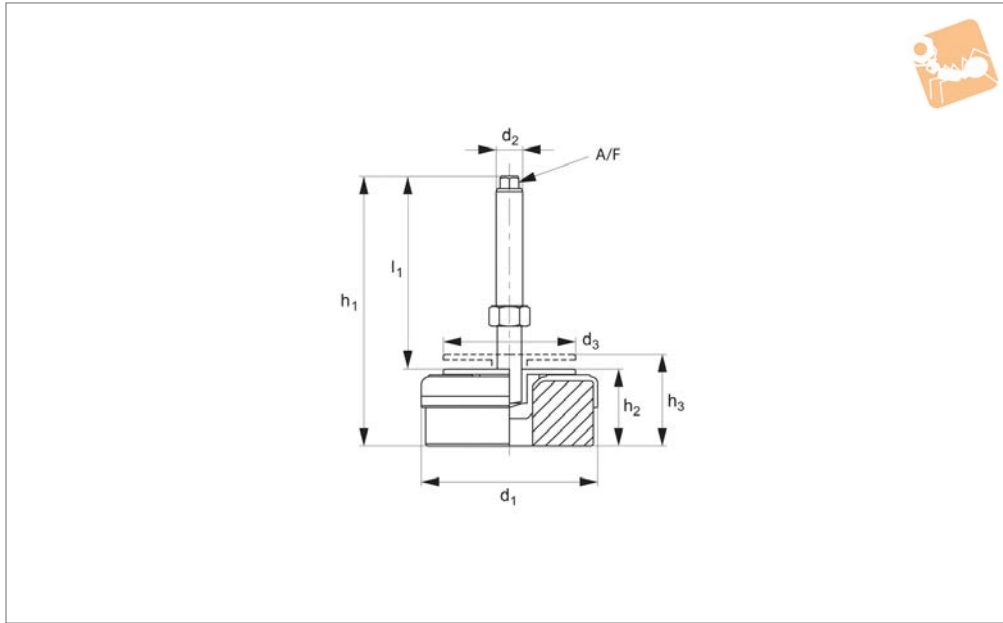
Great adherence to the floor, due to excellent grip property. Quick and easy to install - for machine levelling.

Tips

Suitable for heavy machinery with strong vibration/impact such as plastic injection

moulding machines, presses, guillotines etc.

Order No.	Type	d ₁	h ₁	d ₂	l ₁	Load range kgf
P2153.050	Type 1	50	24	M 8	40	0-100
P2153.075	Type 1	75	35	M10	65	100-350
P2153.085	Type 2	85	40	M12	80	350-600
P2153.090	Type 2	90	49	M16	100	600-900
P2153.125	Type 2	125	52	M16	115	1000-2500
P2153.170	Type 2	170	57	M20	110	2500-4000



P2154

LEVELLING FEET

Material

Galvanized steel, with rubber pad (90 Shore A).

Technical Notes

Provides great levelling accuracy, with its

fine pitch thread. Can take very high horizontal loads.

Tips

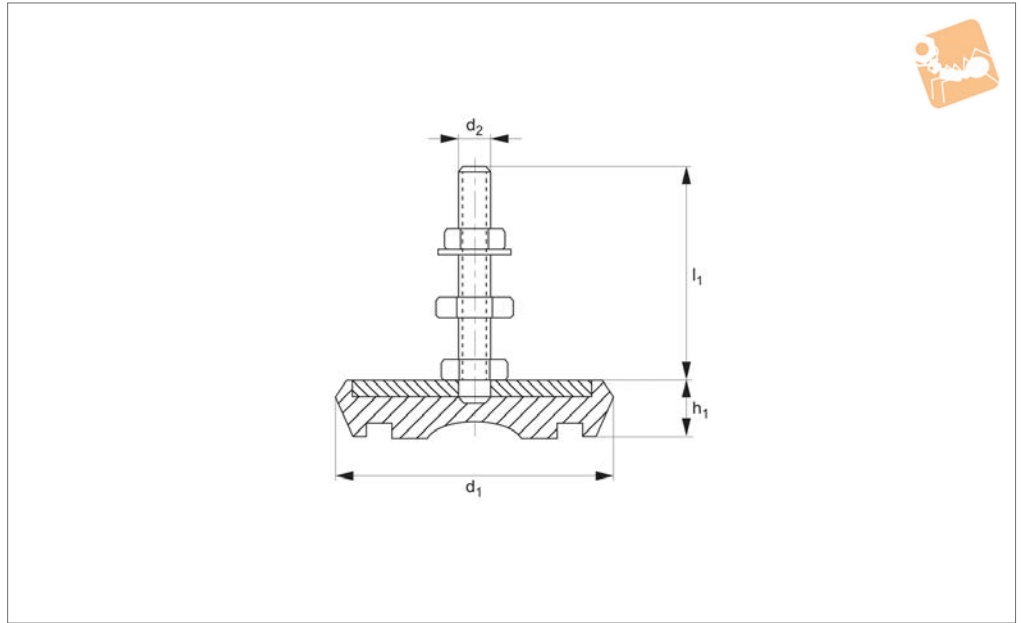
Suitable for heavy machinery with strong vibration/impacts, such as plastic injection

moulding machines, presses, guillotines etc. Do not raise higher than the max height (h_3).

Order No.	d_1	h_1	d_2	d_3	l_1	h_2	h_3	A/F	Dynamic load kgf	Static load kgf
P2154.080-012	80	130	M12x1,25	54	90	40	50	8	250	500
P2154.120-016	120	130	M16x1,5	80	85	45	58	12	400	1000
P2154.160-020	160	190	M20x1,5	102	136	54	68	15	900	2000
P2154.200-020	200	195	M20x1,5	102	136	60	75	15	1500	3500



P2160



Material

Stainless steel body and thread (A2, AISI 304), with rubber base (65 Shore A).

Technical Notes

Suitable for medium and high frequency vibrations and with smooth floors.

Order No.	d_1	h_1	d_2	l_1	Load range kgf
P2160.040	40	15	M 8	40	0-60
P2160.063	63	18	M10	83	30-100
P2160.070	70	22	M12	90	80-150
P2160.090	90	25	M12	90	100-350
P2160.106	106	29	M16	110	300-600
P2160.127	127	33	M16	110	500-900
P2160.150	150	39	M16	110	800-1500
P2160.170	170	42	M16	110	1300-2000

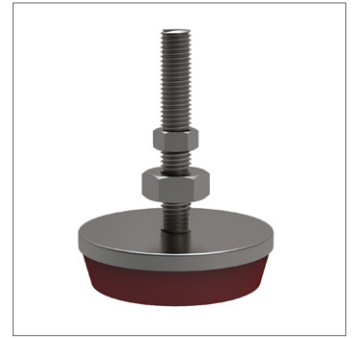
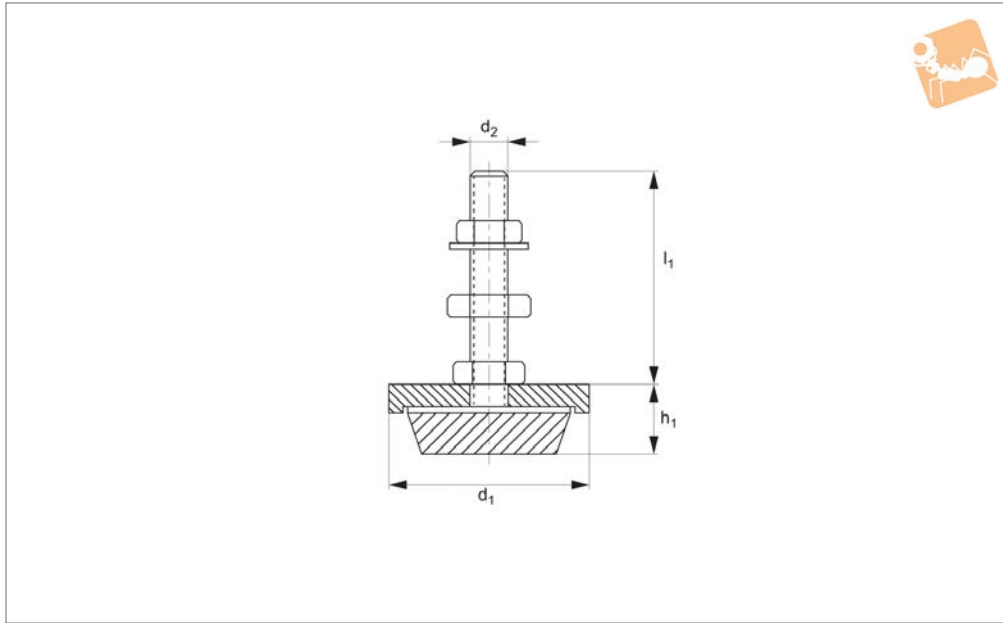


Stainless Machine Mounts

polyurethane base



Levelling Feet



P2161

LEVELLING FEET

Material

Stainless steel body and thread (A2, AISI 304), with hard polyurethane base (80 Shore A).

applications. The hard polyurethane base is resistant to aggressive oils and chemicals.

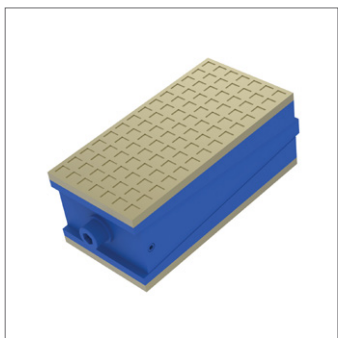
Technical Notes

Ideally suited for food and pharmaceutical

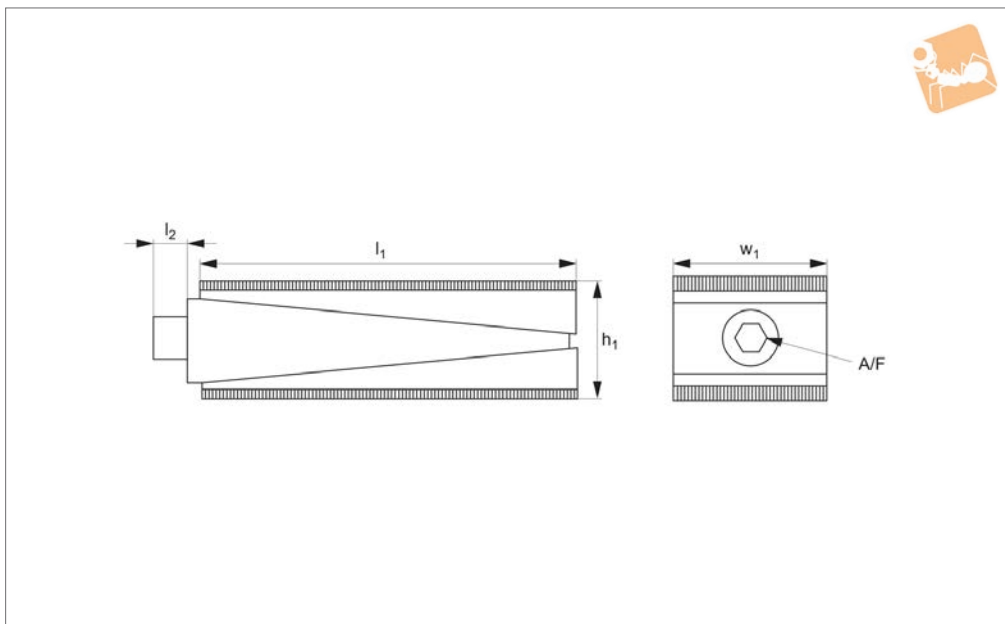
Tips

The polyurethane base 80 Shore A also ensures very heavy load carrying capacity.

Order No.	d_1	h_1	d_2	l_1	Load range kgf
P2161.065	65	22	M12	90	200-800
P2161.100	100	30	M16	110	500-2000
P2161.120	120	33	M16	110	2000-4000
P2161.180	180	40	M16	110	4000-6000



P2170



Material

Cast body, coated, with rubber base (65 Shore A) or harder polyurethane base (90 Shore A).

heavy loads. Adjustment by means of allen key on side.

Adjustment is $\pm 5\text{mm}$ or $\pm 10\text{mm}$ depending on version selected - see table.

Tips

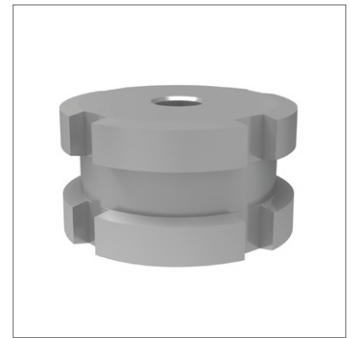
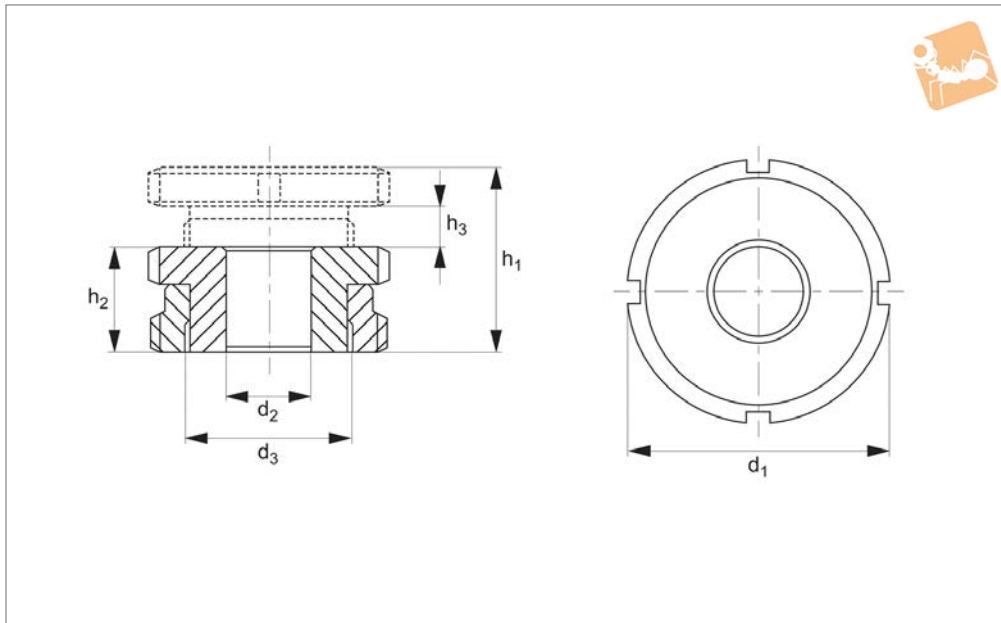
The rubber base versions have lower load carrying capacity but are less expensive than the polyurethane versions.

Studded version available on the website.

Technical Notes

For leveling and vibration dampening of

Order No.	h_1	l_1	w_1	l_2	A/F	Base material	Load range kgf
P2170.R150	60 \pm 5	150	75	12	12	Rubber	500 - 1000
P2170.P150	60 \pm 5	150	75	12	12	Polyurethane	700 - 2500
P2170.R220	70 \pm 10	200	100	12	12	Rubber	1500 - 3000
P2170.P220	70 \pm 10	200	100	12	12	Polyurethane	3000 - 6000



P2180

LEVELLING FEET

Material

Steel (type 42 CrMo4 V, 1.7225) zinc plated or stainless steel A1 (A4 on request).

Technical Notes

After setting the height, the structure can be bolted down using a suitable 8,8

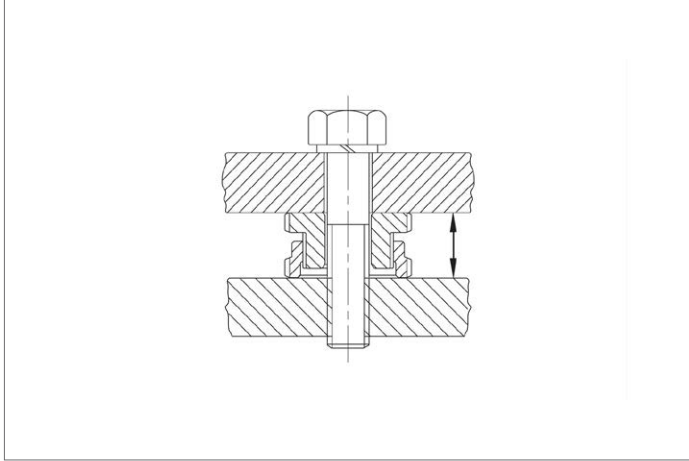
strength bolt.

The net load that the unit can carry is the maximum load less the tightening torque recommended for the bolt. Designed for applications with limited space. Height adjustment is between 4 and 10mm.

Order No.	Material	For bolt	h_1	h_2	h_3	d_1	d_2	d_3	Load with bolt kN max.	Load w/o bolt kN max.
P2180.019-060-ZP	Steel	M 6	19	15	4	25	6.6	M15x1,0	30.70	40.0
P2180.023-060-ZP	Steel	M 6	23	18	5	32	6.6	M20x1,0	55.70	65.0
P2180.023-080-ZP	Steel	M 8	23	18	5	32	9.0	M20x1,0	48.00	65.0
P2180.023-100-ZP	Steel	M10	23	18	5	32	11.0	M20x1,0	37.90	65.0
P2180.029-100-ZP	Steel	M10	29	22	7	45	11.0	M30x1,5	92.90	120.0
P2180.029-120-ZP	Steel	M12	29	22	7	45	13.5	M30x1,5	80.40	120.0
P2180.029-160-ZP	Steel	M16	29	22	7	45	17.5	M30x1,5	45.50	120.0
P2180.037-160-ZP	Steel	M16	37	28	9	58	17.5	M40x1,5	136.00	210.0
P2180.037-200-ZP	Steel	M20	37	28	9	58	22.0	M40x1,5	90.00	210.0
P2180.037-240-ZP	Steel	M24	37	28	9	58	26.0	M40x1,5	37.00	210.0
P2180.043-240-ZP	Steel	M24	43	33	10	70	26.0	M50x1,5	157.00	330.0
P2180.019-060-A2	Stainless steel	M 6	19	15	4	25	6.6	M15x1,0	20.26	27.1
P2180.023-060-A2	Stainless steel	M 6	23	18	5	32	6.6	M20x1,0	36.56	43.4
P2180.023-080-A2	Stainless steel	M 8	23	18	5	32	9.0	M20x1,0	30.86	43.4
P2180.023-100-A2	Stainless steel	M10	23	18	5	32	11.0	M20x1,0	23.41	43.4
P2180.029-100-A2	Stainless steel	M10	29	22	7	45	11.0	M30x1,5	64.01	84.0
P2180.029-120-A2	Stainless steel	M12	29	22	7	45	13.5	M30x1,5	54.82	84.0
P2180.029-160-A2	Stainless steel	M16	29	22	7	45	17.5	M30x1,5	28.90	84.0
P2180.037-160-A2	Stainless steel	M16	37	28	9	58	17.5	M40x1,5	92.90	148.0
P2180.037-200-A2	Stainless steel	M20	37	28	9	58	22.0	M40x1,5	59.08	148.0
P2180.037-240-A2	Stainless steel	M24	37	28	9	58	26.0	M40x1,5	20.30	148.0
P2180.043-240-A2	Stainless steel	M24	43	33	10	70	26.0	M50x1,5	97.30	225.0



LEVELLING FEET

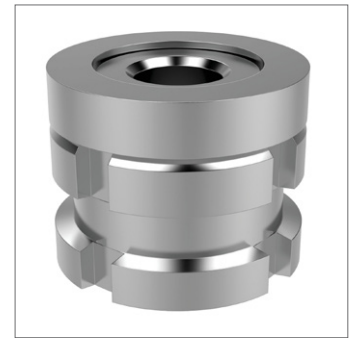
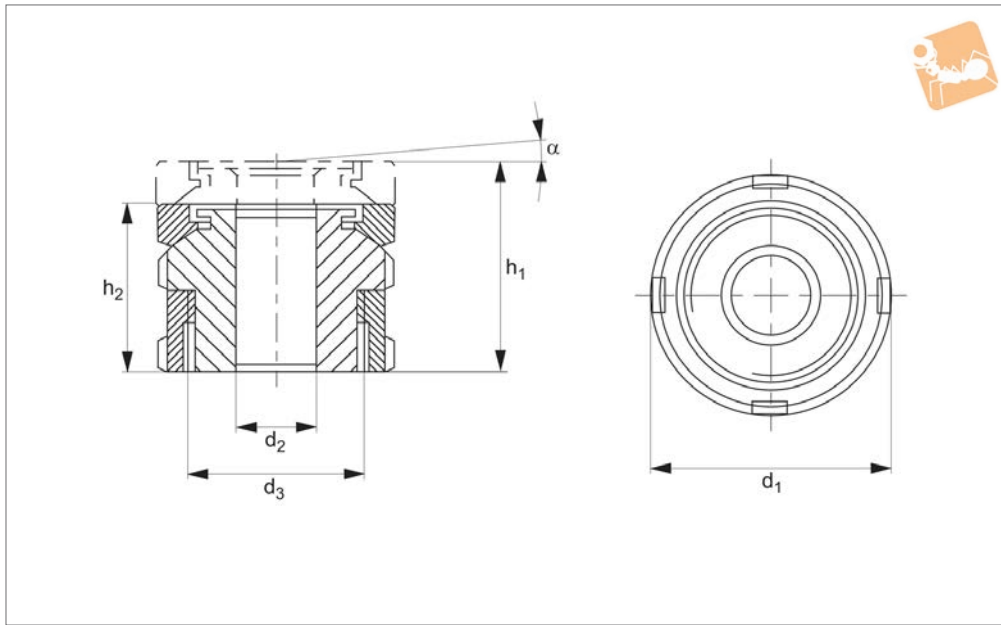




Tilt Head Precision Adjuster



Levelling Feet



P2181

LEVELLING FEET

Material

Steel (type 42 CrMo4 V, 1.7225) zinc plated or stainless steel A1 (A4 on request).

Technical Notes

After setting the height, the structure can be bolted down using a suitable 8,8 strength bolt.

The net load that the unit can carry is the maximum load less the tightening torque recommended for the bolt. Please see useful info tab.

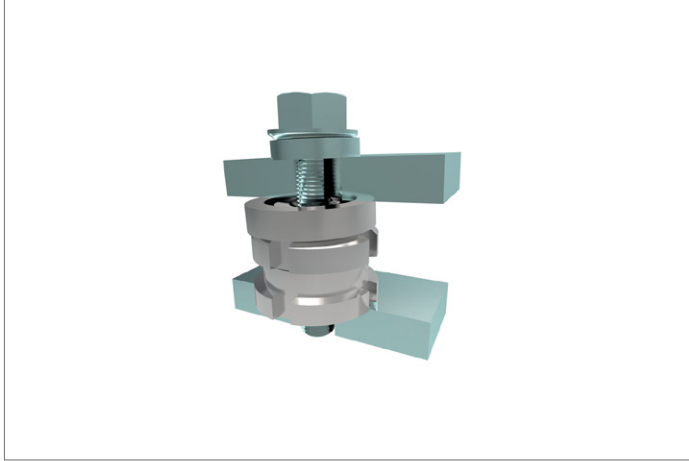
Designed for applications with limited space. Height adjustment is between 4 and 10mm. Designed for applications requiring

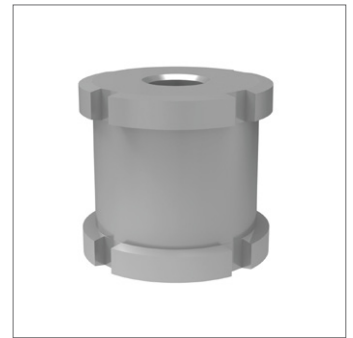
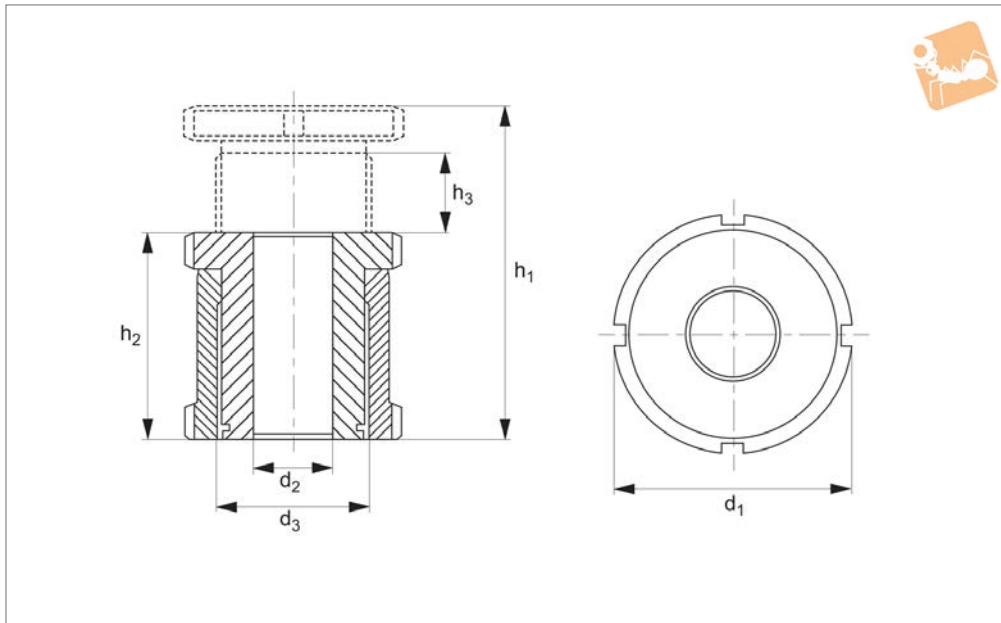
both height adjustment and precise adjustment of non-parallel surfaces, with a maximum angle of tilt 4°. For adjustment of non-parallel surfaces without height adjustment, see part no. P2186.

Order No.	Material	For bolt	h ₁	h ₂	d ₁	d ₂	d ₃	α	Load with bolt kN max.	Load w/o bolt kN max.
P2181.026-060-ZP	Steel	M 6	26	22	25	6.6	M15x1,0	4°	30.70	40.0
P2181.031-060-ZP	Steel	M 6	31	26	32	6.6	M20x1,0	4°	55.70	65.0
P2181.031-080-ZP	Steel	M 8	31	26	32	9.0	M20x1,0	4°	48.00	65.0
P2181.031-100-ZP	Steel	M10	31	26	32	11.0	M20x1,0	4°	37.90	65.0
P2181.041-100-ZP	Steel	M10	41	34	45	11.0	M30x1,5	4°	92.90	120.0
P2181.041-120-ZP	Steel	M12	41	34	45	13.5	M30x1,5	4°	80.40	120.0
P2181.041-160-ZP	Steel	M16	41	34	45	17.5	M30x1,5	4°	45.50	120.0
P2181.053-160-ZP	Steel	M16	53	44	58	17.5	M40x1,5	4°	136.00	210.0
P2181.053-200-ZP	Steel	M20	53	44	58	22.0	M40x1,5	4°	90.00	210.0
P2181.053-240-ZP	Steel	M24	53	44	58	26.0	M40x1,5	4°	37.00	210.0
P2181.060-200-ZP	Steel	M20	60	50	70	22.0	M50x1,5	4°	210.00	330.0
P2181.060-240-ZP	Steel	M24	60	50	70	26.0	M50x1,5	4°	157.00	330.0
P2181.060-300-ZP	Steel	M30	60	50	70	33.0	M50x1,5	4°	53.00	330.0
P2181.026-060-A2	Stainless steel	M 6	26	22	25	6.6	M15x1,0	4°	20.26	27.1
P2181.031-060-A2	Stainless steel	M 6	31	26	32	6.6	M20x1,0	4°	36.56	43.4
P2181.031-080-A2	Stainless steel	M 8	31	26	32	9.0	M20x1,0	4°	30.86	43.4
P2181.031-100-A2	Stainless steel	M10	31	26	32	11.0	M20x1,0	4°	23.41	43.4
P2181.041-100-A2	Stainless steel	M10	41	34	45	11.0	M30x1,5	4°	64.01	84.0
P2181.041-120-A2	Stainless steel	M12	41	34	45	13.5	M30x1,5	4°	54.82	84.0
P2181.041-160-A2	Stainless steel	M16	41	34	45	17.5	M30x1,5	4°	28.90	84.0
P2181.053-160-A2	Stainless steel	M16	53	44	58	17.5	M40x1,5	4°	92.90	148.0
P2181.053-200-A2	Stainless steel	M20	53	44	58	22.0	M40x1,5	4°	59.08	148.0
P2181.053-240-A2	Stainless steel	M24	53	44	58	26.0	M40x1,5	4°	20.30	148.0
P2181.060-200-A2	Stainless steel	M20	60	50	70	22.0	M50x1,5	4°	136.08	225.0
P2181.060-240-A2	Stainless steel	M24	60	50	70	26.0	M50x1,5	4°	97.30	225.0
P2181.060-300-A2	Stainless steel	M30	60	50	70	33.0	M50x1,5	4°	20.60	225.0



LEVELLING FEET





P2182

LEVELLING FEET

Material

Steel (type 42 CrMo4 V, 1.7225) zinc plated or stainless steel A1 (A4 on request).

Technical Notes

After setting the height, the structure can be bolted down using a suitable 8,8

strength bolt.

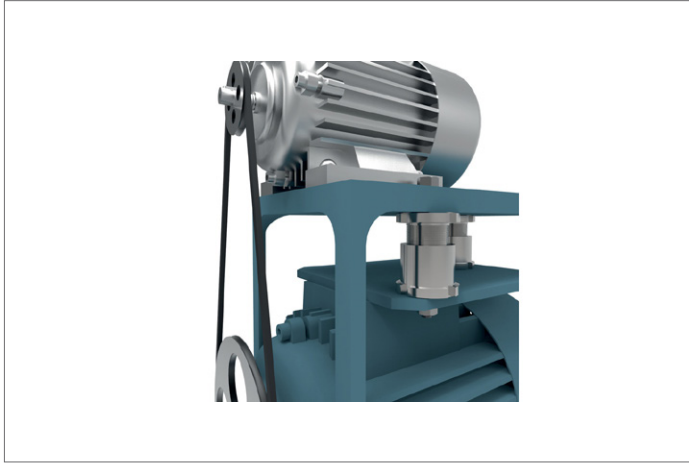
The net load that the unit can carry is the maximum load less the tightening torque recommended for the bolt. Designed for applications where a wide adjustment range is required - height adjustment is

equal to 15 to 40mm.

Order No.	Material	For bolt	h_1	h_2	h_3	d_1	d_2	d_3	Load with bolt kN max.	Load w/o bolt kN max.
P2182.028-060-ZP	Steel	M 6	43	28	15	25	6.6	M15x1,0	30.70	40.00
P2182.035-060-ZP	Steel	M 6	55	35	20	32	6.6	M20x1,0	55.70	65.00
P2182.035-080-ZP	Steel	M 8	55	35	20	32	9.0	M20x1,0	48.00	65.00
P2182.035-100-ZP	Steel	M10	55	35	20	32	11.0	M20x1,0	37.90	65.00
P2182.042-100-ZP	Steel	M10	67	42	25	45	11.0	M30x1,5	92.90	120.00
P2182.042-120-ZP	Steel	M12	67	42	25	45	13.5	M30x1,5	80.40	120.00
P2182.042-160-ZP	Steel	M16	67	42	25	45	17.5	M30x1,5	45.50	120.00
P2182.054-160-ZP	Steel	M16	86	54	32	58	17.5	M40x1,5	136.00	210.00
P2182.054-200-ZP	Steel	M20	86	54	32	58	22.0	M40x1,5	90.00	210.00
P2182.054-240-ZP	Steel	M24	86	54	32	58	26.0	M40x1,5	37.00	210.00
P2182.066-200-ZP	Steel	M20	106	66	40	70	22.0	M50x1,5	210.00	330.00
P2182.066-240-ZP	Steel	M24	106	66	40	70	26.0	M50x1,5	157.00	330.00
P2182.066-300-ZP	Steel	M30	106	66	40	70	33.0	M50x1,5	53.00	330.00
P2182.028-060-A2	Stainless steel	M 6	43	28	15	25	6.6	M15x1,0	20.26	27.10
P2182.035-060-A2	Stainless steel	M 6	55	35	20	32	6.6	M20x1,0	36.56	43.40
P2182.035-080-A2	Stainless steel	M 8	55	35	20	32	9.0	M20x1,0	30.86	43.40
P2182.035-100-A2	Stainless steel	M10	55	35	20	32	11.0	M20x1,0	23.41	43.40
P2182.042-100-A2	Stainless steel	M10	67	42	25	45	11.0	M30x1,5	64.01	84.00
P2182.042-120-A2	Stainless steel	M12	67	42	25	45	13.5	M30x1,5	54.82	84.00
P2182.042-160-A2	Stainless steel	M16	67	42	25	45	17.5	M30x1,5	28.90	84.00
P2182.054-160-A2	Stainless steel	M16	86	54	32	58	17.5	M40x1,5	92.90	148.00
P2182.054-200-A2	Stainless steel	M20	86	54	32	58	22.0	M40x1,5	59.08	148.00
P2182.054-240-A2	Stainless steel	M24	86	54	32	58	26.0	M40x1,5	20.30	148.00
P2182.066-200-A2	Stainless steel	M20	106	66	40	70	22.0	M50x1,5	136.08	225.00
P2182.066-240-A2	Stainless steel	M24	106	66	40	70	26.0	M50x1,5	97.30	225.00
P2182.066-300-A2	Stainless steel	M30	106	66	40	70	33.0	M50x1,5	20.60	225.00

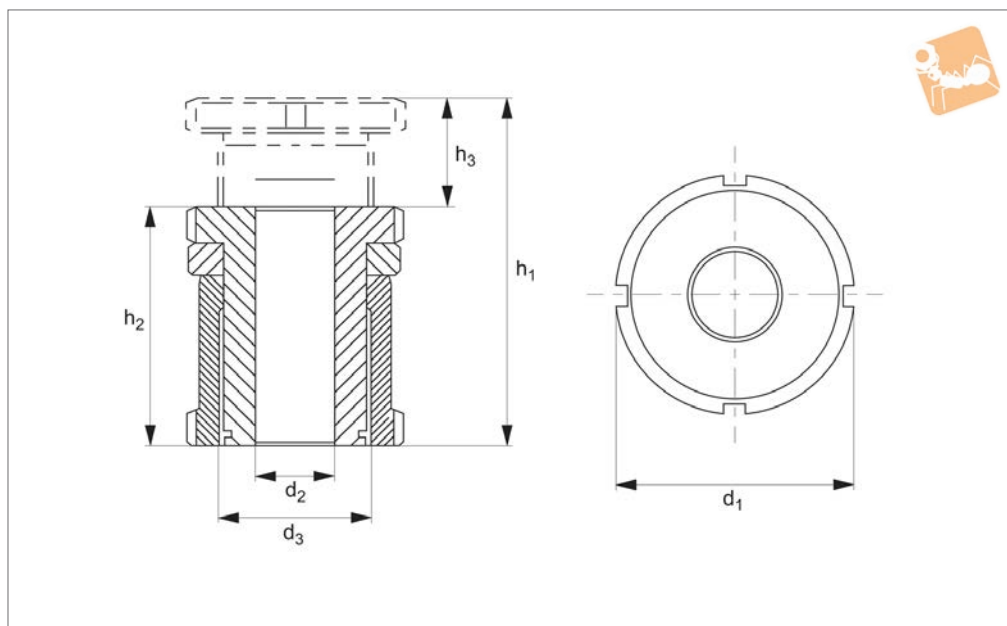


LEVELLING FEET



Precision Adjuster with locking nut

Levelling Feet



P2183

LEVELLING FEET

Material

Steel (type 42 CrMo4 V, 1.7225) zinc plated or stainless steel A1 (A4 on request).

Technical Notes

After setting the height, the structure can be bolted down using a suitable 8,8

strength bolt.

The net load that the unit can carry is the maximum load less the tightening torque recommended for the bolt.

Designed for applications with a dynamic load, or where no fasteners are used. The

locknut enables locking of the adjuster in a pre-set position.

Order No.	Material	For bolt	h_1	h_2	h_3	d_1	d_2	d_3	Load with bolt kN max.	Load w/o bolt kN max.
P2183.043-060-ZP	Steel	M 6	43	33	10	25	6.6	M15x1,0	30.70	40.00
P2183.055-060-ZP	Steel	M 6	55	41	14	32	6.6	M20x1,0	55.70	65.00
P2183.055-080-ZP	Steel	M 8	55	41	14	32	9.0	M20x1,0	48.00	65.00
P2183.067-100-ZP	Steel	M10	67	49	18	45	11.0	M30x1,5	92.90	120.00
P2183.067-120-ZP	Steel	M12	67	49	18	45	13.5	M30x1,5	80.40	120.00
P2183.067-160-ZP	Steel	M16	67	49	18	45	17.5	M30x1,5	45.50	120.00
P2183.086-160-ZP	Steel	M16	86	63	23	58	17.5	M40x1,5	136.00	210.00
P2183.086-200-ZP	Steel	M20	86	63	23	58	22.0	M40x1,5	90.00	210.00
P2183.086-240-ZP	Steel	M24	86	63	23	58	26.0	M40x1,5	37.00	210.00
P2183.106-200-ZP	Steel	M20	106	77	29	70	22.0	M50x1,5	210.00	330.00
P2183.106-240-ZP	Steel	M24	106	77	29	70	26.0	M50x1,5	157.00	330.00
P2183.106-300-ZP	Steel	M30	106	77	29	70	33.0	M50x1,5	53.00	330.00
P2183.043-060-A2	Stainless steel	M 6	43	33	10	25	6.6	M15x1,0	20.26	27.10
P2183.055-060-A2	Stainless steel	M 6	55	41	14	32	6.6	M20x1,0	36.56	43.40
P2183.055-080-A2	Stainless steel	M 8	55	41	14	32	9.0	M20x1,0	30.86	43.40
P2183.055-100-A2	Stainless steel	M10	55	41	14	32	11.0	M20x1,0	23.41	43.40
P2183.067-120-A2	Stainless steel	M12	67	49	18	45	13.5	M30x1,5	54.82	84.00
P2183.067-160-A2	Stainless steel	M16	67	49	18	45	17.5	M30x1,5	28.90	84.00
P2183.086-160-A2	Stainless steel	M16	86	63	23	58	17.5	M40x1,5	92.90	148.00
P2183.086-200-A2	Stainless steel	M20	86	63	23	58	22.0	M40x1,5	59.08	148.00
P2183.086-240-A2	Stainless steel	M24	86	63	23	58	26.0	M40x1,5	20.30	148.00
P2183.106-200-A2	Stainless steel	M20	106	77	29	70	22.0	M50x1,5	136.08	225.00
P2183.106-240-A2	Stainless steel	M24	106	77	29	70	26.0	M50x1,5	97.30	225.00
P2183.106-300-A2	Stainless steel	M30	106	77	29	70	33.0	M50x1,5	20.60	225.00

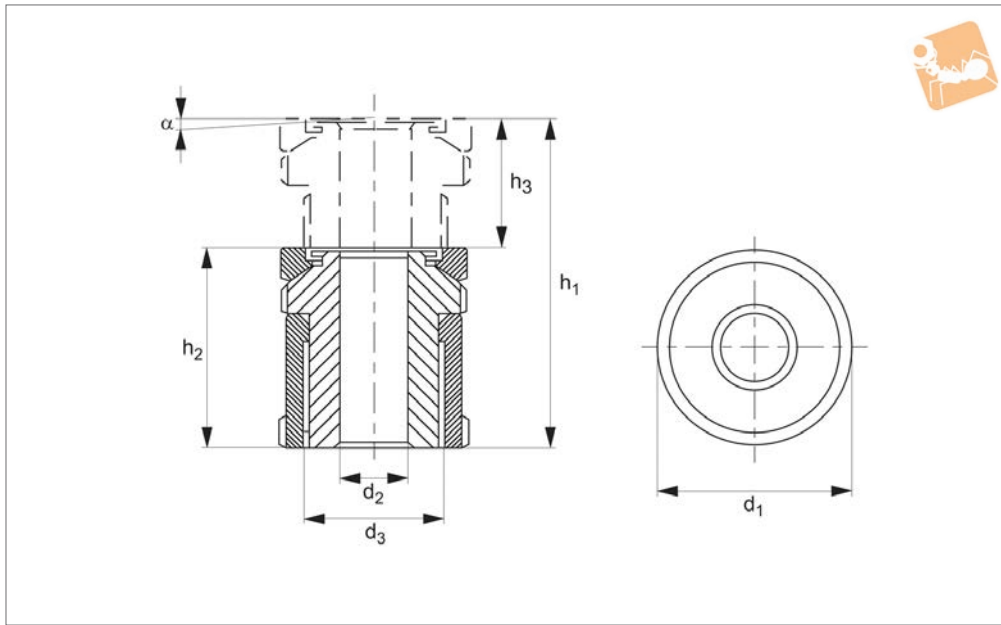




Tilt Head Precision Adjuster



Levelling Feet



P2184

LEVELLING FEET

Material

Steel (type 42 CrMo4 V, 1.7225) zinc plated or stainless steel A1 (A4 on request).

Technical Notes

After setting the height, the structure can be bolted down using a suitable 8,8

strength bolt.

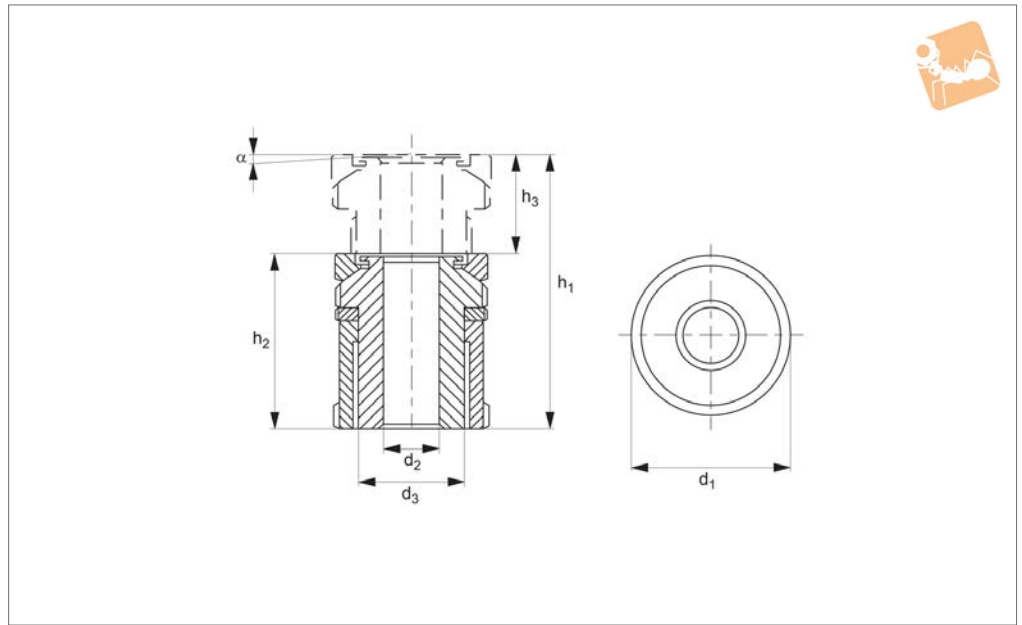
The net load that the unit can carry is the maximum load less the tightening torque recommended for the bolt. Designed for applications where a wide adjustment range is required - height adjustment is

equal to 15 to 40mm.

Order No.	Material	For bolt	h_1 min.	h_2 max.	d_1	d_2	d_3	α app.	Load with bolt kN max.	Load w/o bolt kN max.
P2184.050-040-ZP	Steel	M 4	50	35	25	4.5	M15x1,0	4°	36.00	40.00
P2184.050-050-ZP	Steel	M 5	50	35	25	5.5	M15x1,0	4°	33.40	40.00
P2184.050-060-ZP	Steel	M 6	50	35	25	6.6	M15x1,0	4°	30.70	40.00
P2184.063-060-ZP	Steel	M 6	63	43	32	6.6	M20x1,0	4°	56.70	65.00
P2184.063-080-ZP	Steel	M 8	63	43	32	9.0	M20x1,0	4°	48.90	65.00
P2184.063-100-ZP	Steel	M10	63	43	32	11.0	M20x1,0	4°	37.90	65.00
P2184.079-100-ZP	Steel	M10	79	54	45	11.0	M30x1,5	4°	92.90	120.00
P2184.079-120-ZP	Steel	M12	79	54	45	13.5	M30x1,5	4°	80.40	120.00
P2184.079-160-ZP	Steel	M16	79	54	45	17.5	M30x1,5	4°	45.50	120.00
P2184.102-160-ZP	Steel	M16	102	70	58	17.5	M40x1,5	4°	136.00	210.00
P2184.102-200-ZP	Steel	M20	102	70	58	22.0	M40x1,5	4°	90.80	210.00
P2184.102-240-ZP	Steel	M24	102	70	58	26.0	M40x1,5	4°	37.00	210.00
P2184.123-200-ZP	Steel	M20	123	83	70	22.0	M50x1,5	4°	210.00	330.00
P2184.123-240-ZP	Steel	M24	123	83	70	26.0	M50x1,5	4°	157.00	330.00
P2184.123-300-ZP	Steel	M30	123	83	70	33.0	M50x1,5	4°	53.00	330.00
P2184.050-040-A2	Stainless Steel	M 4	50	35	25	4.5	M15x1,0	4°	24.14	27.10
P2184.050-050-A2	Stainless Steel	M 5	50	35	25	5.5	M15x1,0	4°	22.24	27.10
P2184.050-060-A2	Stainless Steel	M 6	50	35	25	6.6	M15x1,0	4°	20.26	27.10
P2184.063-060-A2	Stainless Steel	M 6	63	43	32	6.6	M20x1,0	4°	36.56	43.40
P2184.063-080-A2	Stainless Steel	M 8	63	43	32	9.0	M20x1,0	4°	30.86	43.40
P2184.063-100-A2	Stainless Steel	M10	63	43	32	11.0	M20x1,0	4°	23.41	43.40
P2184.079-100-A2	Stainless Steel	M10	79	54	45	11.0	M30x1,5	4°	64.01	84.00
P2184.079-120-A2	Stainless Steel	M12	79	54	45	13.5	M30x1,5	4°	54.52	84.00
P2184.079-160-A2	Stainless Steel	M16	79	54	45	17.5	M30x1,5	4°	28.90	84.00
P2184.102-160-A2	Stainless Steel	M16	102	70	58	17.5	M40x1,5	4°	92.90	148.00
P2184.102-200-A2	Stainless Steel	M20	102	70	58	22.0	M40x1,5	4°	59.08	148.00
P2184.102-240-A2	Stainless Steel	M24	102	70	58	26.0	M40x1,5	4°	20.30	148.00
P2184.123-200-A2	Stainless Steel	M20	123	83	70	22.0	M50x1,5	4°	136.08	225.00
P2184.123-240-A2	Stainless Steel	M24	123	83	70	26.0	M50x1,5	4°	97.30	225.00
P2184.123-300-A2	Stainless Steel	M30	123	83	70	33.0	M50x1,5	4°	20.60	225.00



P2185



Material

Steel (type 42 CrMo4 V, 1.7225) zinc plated or stainless steel A1 (A4 on request).

Technical Notes

After setting the height, the structure can be bolted down using a suitable 8,8

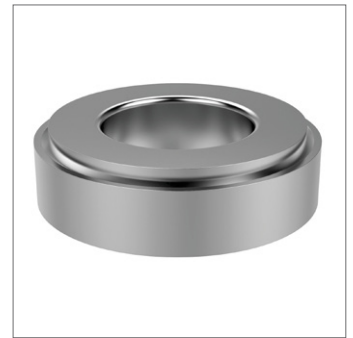
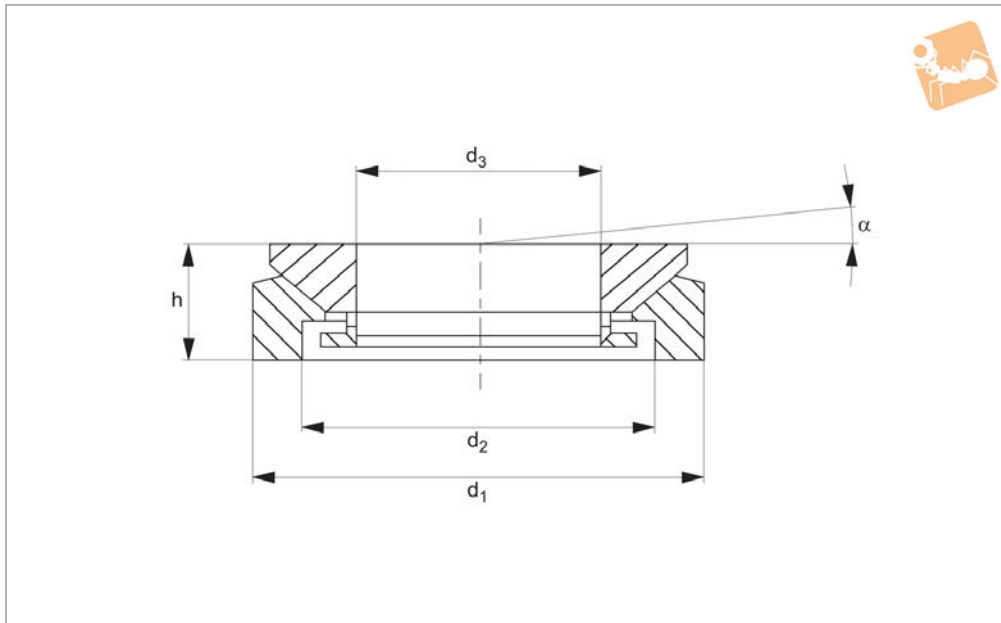
strength bolt.

The net load that the unit can carry is the maximum load less the tightening torque recommended for the bolt.

Designed for applications where a wide adjustment range is required - height

adjustment is equal to 15 to 40mm.

Order No.	Material	For bolt	h_1	h_2	h_3	d_1	d_2	d_3	α app.	Load with bolt kN max.	Load w/o bolt kN max.
P2185.050-040-ZP	Steel	M 4	50	40	10	25	4.5	M15x1,0	4°	36.00	40.00
P2185.050-050-ZP	Steel	M 5	50	40	10	25	5.5	M15x1,0	4°	33.40	40.00
P2185.050-060-ZP	Steel	M 6	50	40	10	25	6.5	M15x1,0	4°	30.70	40.00
P2185.063-060-ZP	Steel	M 6	63	49	14	32	6.6	M20x1,0	4°	55.70	65.00
P2185.063-080-ZP	Steel	M 8	63	49	14	32	9.0	M20x1,0	4°	48.00	65.00
P2185.063-100-ZP	Steel	M10	63	49	14	32	11.0	M20x1,0	4°	37.90	65.00
P2185.079-100-ZP	Steel	M10	79	61	18	45	11.0	M30x1,5	4°	92.90	120.00
P2185.079-120-ZP	Steel	M12	79	61	18	45	13.5	M30x1,5	4°	80.40	120.00
P2185.079-160-ZP	Steel	M16	79	61	18	45	17.5	M30x1,5	4°	45.50	120.00
P2185.102-160-ZP	Steel	M16	102	79	23	58	17.5	M40x1,5	4°	136.00	210.00
P2185.102-200-ZP	Steel	M20	102	79	23	58	22.0	M40x1,5	4°	90.00	210.00
P2185.102-240-ZP	Steel	M24	102	79	23	58	26.0	M40x1,5	4°	37.00	210.00
P2185.123-200-ZP	Steel	M20	123	94	29	70	22.0	M50x1,5	4°	210.00	330.00
P2185.123-240-ZP	Steel	M24	123	94	29	70	26.0	M50x1,5	4°	157.00	330.00
P2185.123-300-ZP	Steel	M30	123	94	29	70	33.0	M50x1,5	4°	53.00	330.00
P2185.050-040-A2	Stainless steel	M 4	50	40	10	25	4.5	M15x1,0	4°	24.14	27.10
P2185.050-050-A2	Stainless steel	M 5	50	40	10	25	5.5	M15x1,0	4°	22.24	27.10
P2185.050-060-A2	Stainless steel	M 6	50	40	10	25	6.5	M15x1,0	4°	20.26	27.10
P2185.063-060-A2	Stainless steel	M 6	63	49	14	32	6.6	M20x1,0	4°	36.56	43.40
P2185.063-080-A2	Stainless steel	M 8	63	49	14	32	9.0	M20x1,0	4°	30.86	43.40
P2185.063-100-A2	Stainless steel	M10	63	49	14	32	11.0	M20x1,0	4°	23.41	43.40
P2185.079-100-A2	Stainless steel	M10	79	61	18	45	11.0	M30x1,5	4°	64.01	84.00
P2185.079-120-A2	Stainless steel	M12	79	61	18	45	13.5	M30x1,5	4°	54.82	84.00
P2185.079-160-A2	Stainless steel	M16	79	61	18	45	17.5	M30x1,5	4°	28.90	84.00
P2185.102-160-A2	Stainless steel	M16	102	79	23	58	17.5	M40x1,5	4°	92.90	148.00
P2185.102-200-A2	Stainless steel	M20	102	79	23	58	22.0	M40x1,5	4°	59.08	148.00
P2185.102-240-A2	Stainless steel	M24	102	79	23	58	26.0	M40x1,5	4°	20.30	148.00
P2185.123-200-A2	Stainless steel	M20	123	94	29	70	22.0	M50x1,5	4°	136.08	225.00
P2185.123-240-A2	Stainless steel	M24	123	94	29	70	26.0	M50x1,5	4°	97.30	225.00
P2185.123-300-A2	Stainless steel	M30	123	94	29	70	33.0	M50x1,5	4°	20.60	225.00



P2186

LEVELLING FEET

Material

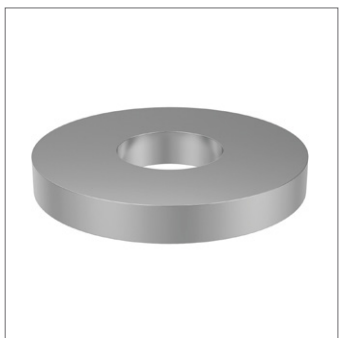
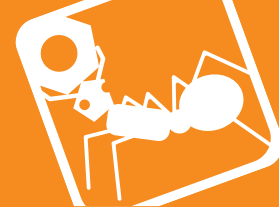
Steel (type 42 CrMo4 V, 1.7225) zinc plated or stainless steel A1 (A4 on request).

Technical Notes

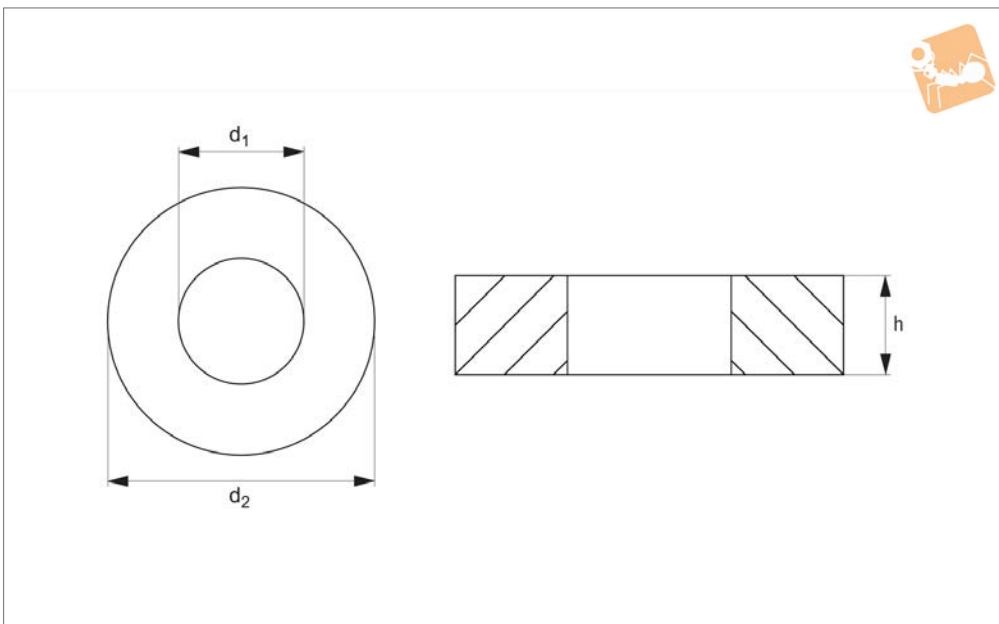
Compensates for non-level surfaces with a maximum angle of tilt 4°. Please remember

that the fixing screw and washer may also require support if the bearing surface is out of parallel by more than 1°. The ball shim has no height adjustment feature.

Order No.	Material	For bolt	d ₁	d ₂	d ₃	h	α app.
P2186.008-060-ZP	Steel	M 6	25	15	8.5	8.0	4°
P2186.010-100-ZP	Steel	M10	32	20	13.0	10.0	4°
P2186.012-160-ZP	Steel	M16	45	30	20.0	12.5	4°
P2186.016-240-ZP	Steel	M24	58	38	29.0	16.0	4°
P2186.020-300-ZP	Steel	M30	70	48	36.0	20.0	4°
P2186.020-360-ZP	Steel	M36	80	61	44.0	20.0	4°
P2186.020-480-ZP	Steel	M48	105	78	58.0	25.0	4°
P2186.008-060-A2	Stainless steel	M 6	25	15	8.5	8.0	4°
P2186.010-100-A2	Stainless steel	M10	32	20	13.0	10.0	4°
P2186.012-160-A2	Stainless steel	M16	45	30	20.0	12.5	4°
P2186.016-240-A2	Stainless steel	M24	58	38	29.0	16.0	4°
P2186.020-300-A2	Stainless steel	M30	70	48	36.0	20.0	4°
P2186.020-360-A2	Stainless steel	M36	80	61	44.0	20.0	4°
P2186.020-480-A2	Stainless steel	M48	105	78	58.0	25.0	4°



P2187



Material

Steel (type 42 CrMo4 V, 1.7225) zinc plated or stainless steel A1 (A4 on request).

Technical Notes

Used to bridge gaps on applications where the height adjustment of an adjuster is

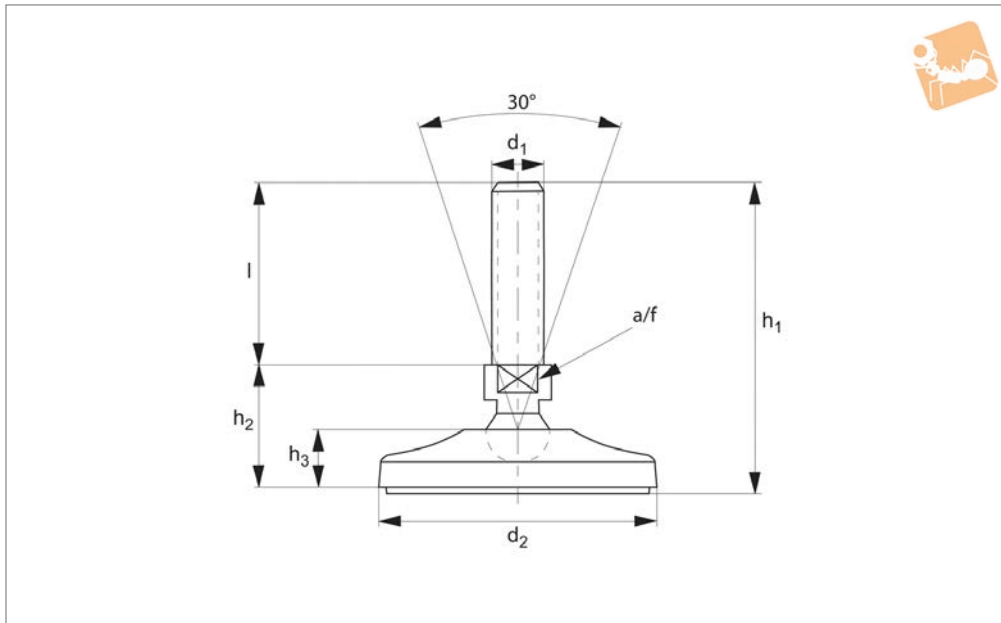
insufficient.

Order No.	Material	For bolt	d ₁	d ₂	h
P2187.060-ZP	Steel	M 6	6.6	25	4
P2187.100-ZP	Steel	M10	11.0	32	5
P2187.160-ZP	Steel	M16	17.5	45	6
P2187.240-ZP	Steel	M24	26.0	58	8
P2187.300-ZP	Steel	M30	33.0	70	10
P2187.360-ZP	Steel	M36	39.0	80	12
P2187.480-ZP	Steel	M48	52.0	105	16
P2187.060-A2	Stainless steel	M 6	6.6	25	4
P2187.100-A2	Stainless steel	M10	11.0	32	5
P2187.160-A2	Stainless steel	M16	17.5	45	6
P2187.240-A2	Stainless steel	M24	26.0	58	8
P2187.300-A2	Stainless steel	M30	33.0	70	10
P2187.360-A2	Stainless steel	M36	39.0	80	12
P2187.480-A2	Stainless steel	M48	52.0	105	16



Mini Levelling Feet

stainless steel, articulated



P2200.AV1

LEVELLING FEET

Material

Stainless steel (AISI 304), with rubber pad (70 Shore A).
Stainless steel (AISI 316) version available

on request.

Technical Notes

Load values refer to static loads, located at

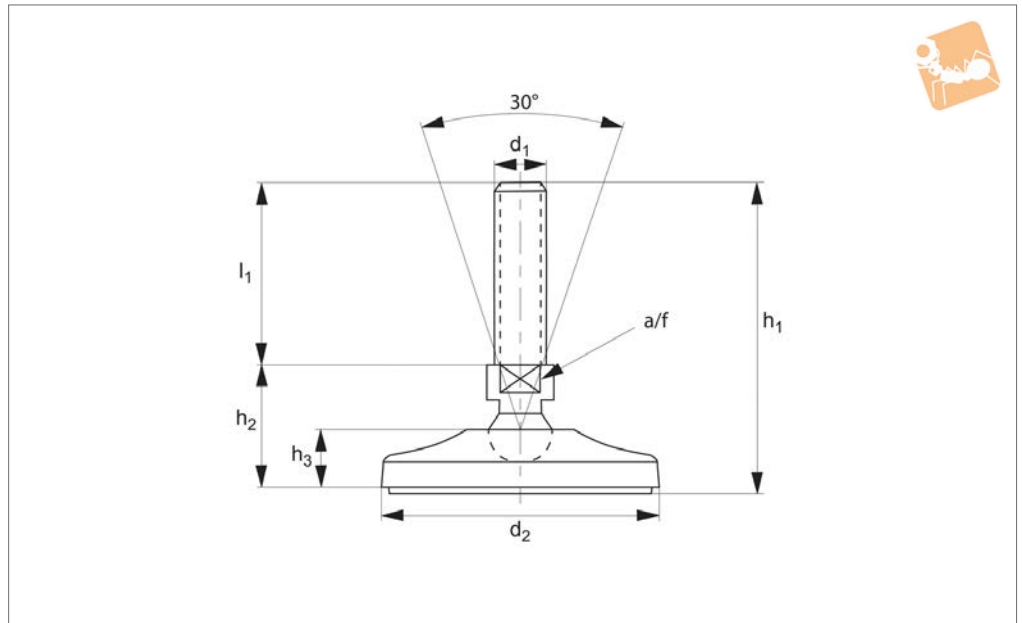
half the screw height.

When vibrations or dynamic loads are present these values should be reduced.

Order No.	d ₁	d ₂	l	h ₁	h ₂	h ₃	A/F	Load kN max.
P2200.040-08-025	M 8	40	25	53	25	14.5	12	10
P2200.040-08-050	M 8	40	50	78	25	14.5	12	10
P2200.040-08-075	M 8	40	75	103	25	14.5	12	10



P2200.AV2



Material

Stainless steel (AISI 304), with rubber pad (70 Shore A).
Stainless steel (AISI 316) version available

on request.

Technical Notes

Load values refer to static loads, located at

half the screw height.

When vibrations or dynamic loads are present these values should be reduced.

Order No.	d ₁	l ₁	d ₂	h ₁	h ₂	h ₃	A/F	Load kN max.
P2200.050-10-025	M10	25	50	56	28	16.0	14	15
P2200.050-10-050	M10	50	50	81	28	16.0	14	15
P2200.050-10-075	M10	75	50	106	28	16.0	14	15
P2200.050-10-100	M10	100	50	131	28	16.0	14	15
P2200.050-10-125	M10	125	50	156	28	16.0	14	15
P2200.050-12-025	M12	25	50	56	28	16.0	14	15
P2200.050-12-050	M12	50	50	81	28	16.0	14	15
P2200.050-12-075	M12	75	50	106	28	16.0	14	15
P2200.050-12-100	M12	100	50	131	28	16.0	14	15
P2200.050-12-125	M12	125	50	156	28	16.0	14	15
P2200.065-14-050	M14	50	65	83	30	17.0	14	20
P2200.065-14-075	M14	75	65	108	30	17.0	14	20
P2200.065-14-100	M14	100	65	133	30	17.0	14	20
P2200.065-14-125	M14	125	65	158	30	17.0	14	20
P2200.065-14-150	M14	150	65	183	30	17.0	14	20
P2200.100-16-050	M16	50	100	96	43	20.0	20	35
P2200.100-16-075	M16	75	100	121	43	20.0	20	35
P2200.100-16-125	M16	125	100	171	43	20.0	20	35
P2200.100-16-150	M16	150	100	196	43	20.0	20	35
P2200.100-16-175	M16	175	100	221	43	20.0	20	35
P2200.100-16-200	M16	200	100	246	43	20.0	20	35
P2200.100-20-075	M20	75	100	121	43	20.0	20	45
P2200.100-20-100	M20	100	100	146	43	20.0	20	45
P2200.100-20-125	M20	125	100	171	43	20.0	20	45
P2200.100-20-150	M20	150	100	196	43	20.0	20	45
P2200.100-20-175	M20	175	100	221	43	20.0	20	45
P2200.100-20-200	M20	200	100	246	43	20.0	20	45
P2200.100-20-225	M20	225	100	271	43	20.0	20	45
P2200.100-20-250	M20	250	100	296	43	20.0	20	45
P2200.100-24-075	M24	75	100	122	44	20.0	20	55
P2200.100-24-100	M24	100	100	147	44	20.0	20	55
P2200.100-24-175	M24	175	100	222	44	20.0	20	55
P2200.100-24-200	M24	200	100	247	44	20.0	20	55



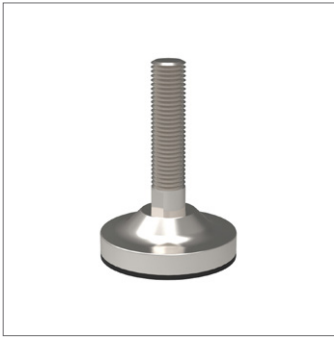
Levelling Feet stainless steel swivel



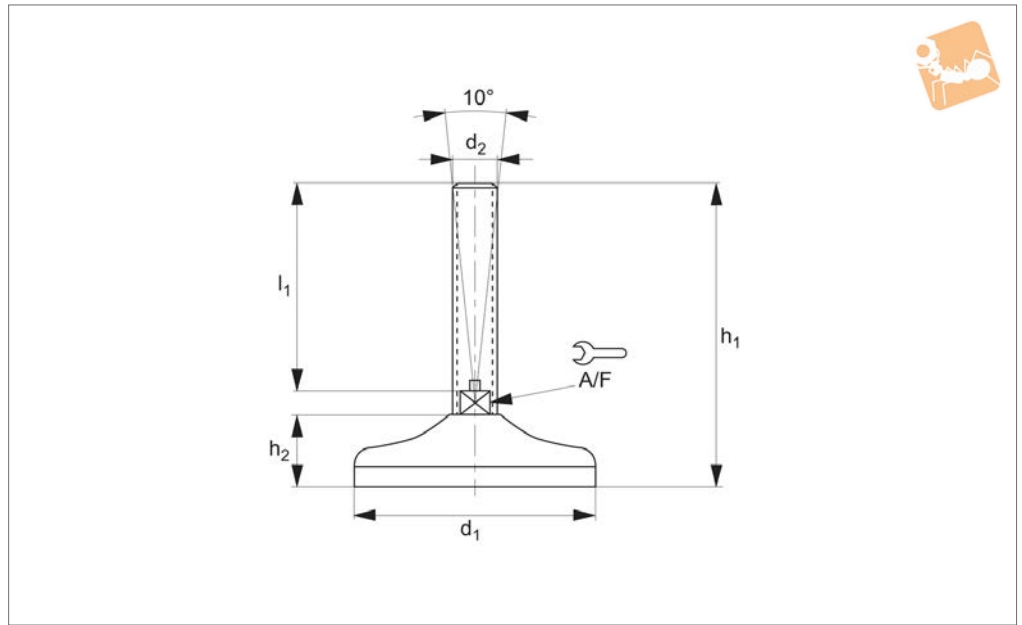
Levelling Feet

Order No.	d ₁	l ₁	d ₂	h ₁	h ₂	h ₃	A/F	Load kN max.
P2200.100-24-225	M24	225	100	272	44	20.0	20	55
P2200.100-24-250	M24	250	100	297	44	20.0	20	55
P2200.120-30-125	M30	125	120	175	47	23.0	26	65
P2200.120-30-150	M30	150	120	200	47	23.0	26	65
P2200.120-30-175	M30	175	120	225	47	23.0	26	65
P2200.120-30-200	M30	200	120	250	47	23.0	26	65
P2200.120-30-225	M30	225	120	275	47	23.0	26	65
P2200.120-30-250	M30	250	120	300	47	23.0	26	65

LEVELLING FEET



P2201



Material

Stainless steel (AISI 304), with rubber pad (70 Shore A).
Stainless steel (AISI 316) version available

on request.

half the screw height.

Technical Notes

Load values refer to static loads, located at

Order No.	d ₁	l	d ₂	h ₁	h ₂	A/F	Load N max.
P2201.050-10-050	50	50	M10	79	19	14	400
P2201.050-10-075	50	75	M10	104	19	14	400
P2201.050-10-100	50	100	M10	129	19	14	400
P2201.050-10-125	50	125	M10	154	19	14	400
P2201.050-12-050	50	50	M12	79	19	14	400
P2201.050-12-075	50	75	M12	104	19	14	400
P2201.050-12-100	50	100	M12	129	19	14	400
P2201.050-12-125	50	125	M12	154	19	14	400
P2201.050-14-075	50	75	M14	104	19	14	400
P2201.050-14-100	50	100	M14	129	19	14	400
P2201.050-14-125	50	125	M14	154	19	14	400
P2201.050-14-150	50	150	M14	179	19	14	400
P2201.050-16-075	50	75	M16	109	19	13	400
P2201.050-16-100	50	100	M16	134	19	13	400
P2201.050-16-125	50	125	M16	159	19	13	400
P2201.050-16-150	50	150	M16	184	19	13	400
P2201.080-10-050	80	50	M10	85	25	14	1000
P2201.080-10-075	80	75	M10	110	25	14	1000
P2201.080-10-100	80	100	M10	135	25	14	1000
P2201.080-10-125	80	125	M10	160	25	14	1000
P2201.080-12-050	80	50	M12	85	25	14	1000
P2201.080-12-075	80	75	M12	110	25	14	1000
P2201.080-12-100	80	100	M12	135	25	14	1000
P2201.080-12-125	80	125	M12	160	25	14	1000
P2201.080-12-150	80	150	M12	185	25	14	1000
P2201.080-14-075	80	75	M14	110	25	14	1000
P2201.080-14-100	80	100	M14	135	25	14	1000
P2201.080-14-125	80	125	M14	160	25	14	1000
P2201.080-14-150	80	150	M14	185	25	14	1000
P2201.080-14-175	80	175	M14	210	25	14	1000
P2201.080-16-075	80	75	M16	110	25	13	1000
P2201.080-16-100	80	100	M16	135	25	13	1000
P2201.080-16-125	80	125	M16	160	25	13	1000



Stainless Levelling Feet

fixed feet



Levelling Feet

Order No.	d ₁	l	d ₂	h ₁	h ₂	A/F	Load N max.
P2201.080-16-150	80	150	M16	185	25	13	1000
P2201.080-16-175	80	175	M16	210	25	13	1000
P2201.080-20-075	80	75	M20	113	25	17	1000
P2201.080-20-100	80	100	M20	138	25	17	1000
P2201.080-20-125	80	125	M20	163	25	17	1000
P2201.080-20-150	80	150	M20	188	25	17	1000
P2201.080-20-175	80	175	M20	213	25	17	1000
P2201.080-20-200	80	200	M20	238	25	17	1000
P2201.080-20-225	80	225	M20	260	25	17	1000
P2201.080-24-075	80	75	M24	115	25	20	1000
P2201.080-24-100	80	100	M24	140	25	20	1000
P2201.080-24-125	80	125	M24	165	25	20	1000
P2201.080-24-150	80	150	M24	190	25	20	1000
P2201.080-24-175	80	175	M24	215	25	20	1000
P2201.080-24-200	80	200	M24	240	25	20	1000
P2201.080-24-225	80	225	M24	265	25	20	1000
P2201.100-16-075	100	75	M16	114.5	30	13	1500
P2201.100-16-100	100	100	M16	139.5	30	13	1500
P2201.100-16-125	100	125	M16	164.5	30	13	1500
P2201.100-16-150	100	150	M16	189.5	30	13	1500
P2201.100-16-175	100	175	M16	214.5	30	13	1500
P2201.100-16-200	100	200	M16	239.5	30	13	1500
P2201.100-20-075	100	75	M20	118	30	17	1500
P2201.100-20-100	100	100	M20	143	30	17	1500
P2201.100-20-125	100	125	M20	168	30	17	1500
P2201.100-20-150	100	150	M20	193	30	17	1500
P2201.100-20-175	100	175	M20	218	30	17	1500
P2201.100-20-200	100	200	M20	243	30	17	1500
P2201.100-20-225	100	225	M20	268	30	17	1500
P2201.100-20-250	100	250	M20	293	30	17	1500
P2201.100-24-100	100	100	M24	144	30	20	1500
P2201.100-24-125	100	125	M24	169	30	20	1500
P2201.100-24-150	100	150	M24	194	30	20	1500
P2201.100-24-175	100	175	M24	219	30	20	1500
P2201.100-24-200	100	200	M24	244	30	20	1500
P2201.100-24-225	100	225	M24	269	30	20	1500
P2201.100-24-250	100	250	M24	294	30	20	1500
P2201.100-30-100	100	100	M30	144	30	26	1500
P2201.100-30-125	100	125	M30	169	30	26	1500
P2201.100-30-150	100	150	M30	194	30	26	1500
P2201.100-30-175	100	175	M30	219	30	26	1500
P2201.100-30-200	100	200	M30	244	30	26	1500
P2201.100-30-225	100	225	M30	269	30	26	1500
P2201.100-30-250	100	250	M30	294	30	26	1500
P2201.120-16-075	120	75	M16	122	32	13	3000
P2201.120-16-100	120	100	M16	147	32	13	3000
P2201.120-16-125	120	125	M16	172	32	13	3000
P2201.120-16-150	120	150	M16	197	32	13	3000
P2201.120-16-175	120	175	M16	222	32	13	3000
P2201.120-16-200	120	200	M16	247	32	13	3000
P2201.120-20-075	120	75	M20	122	32	17	3000
P2201.120-20-100	120	100	M20	147	32	17	3000
P2201.120-20-125	120	125	M20	172	32	17	3000
P2201.120-20-150	120	150	M20	197	32	17	3000
P2201.120-20-175	120	175	M20	222	32	17	3000
P2201.120-20-200	120	200	M20	247	32	17	3000
P2201.120-20-225	120	225	M20	272	32	17	3000
P2201.120-20-250	120	250	M20	297	32	17	3000
P2201.120-24-100	120	100	M24	147	32	20	3000
P2201.120-24-125	120	125	M24	172	32	20	3000
P2201.120-24-150	120	150	M24	197	32	20	3000
P2201.120-24-175	120	175	M24	222	32	20	3000
P2201.120-24-200	120	200	M24	247	32	20	3000
P2201.120-24-225	120	225	M24	272	32	20	3000
P2201.120-24-250	120	250	M24	297	32	20	3000
P2201.120-30-100	120	100	M30	149	32	26	3000
P2201.120-30-125	120	125	M30	174	32	26	3000

LEVELLING FEET



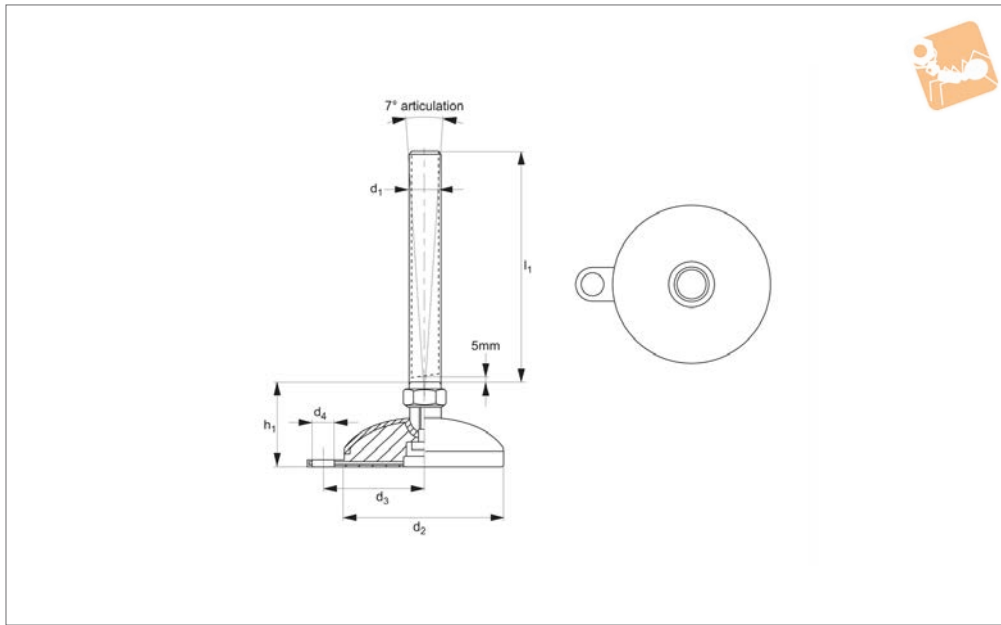
Order No.	d ₁	l	d ₂	h ₁	h ₂	A/F	Load N max.
P2201.120-30-150	120	150	M30	199	32	26	3000
P2201.120-30-175	120	175	M30	224	32	26	3000
P2201.120-30-200	120	200	M30	249	32	26	3000
P2201.120-30-225	120	225	M30	274	32	26	3000
P2201.120-30-250	120	250	M30	299	32	26	3000



Machine Mount - Bolt Down pad and bolt - stainless steel



Levelling Feet



P2202

LEVELLING FEET

Material

Pad: pressed stainless steel AISI 303.
Bolt: stainless steel AISI 303.
Pad insert: nitril rubber.

Technical Notes

Use of the bolt down tag allows the

machine mount to be fixed in place.

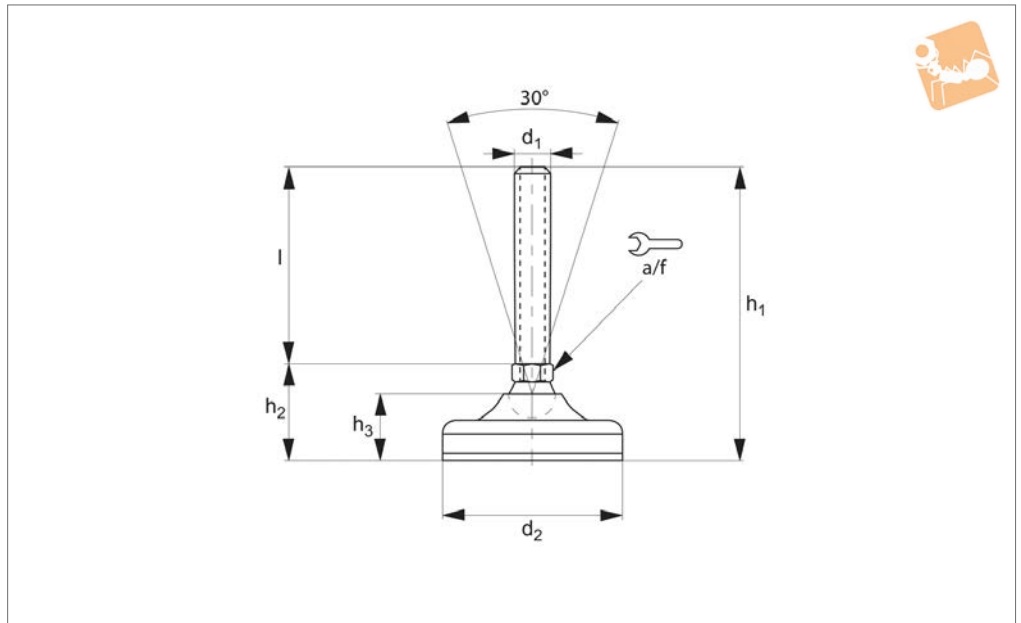
Tips

For use in wide range of industries including food processing, medical equipment, electronics and machinery workshops.

Order No.	d ₁	l ₁	d ₂	d ₃	d ₄	h ₁	Static load kN max.
P1954.663	M16	150	75	52	13	33	7.5
P1954.665	M16	100	100	67	13	38	10.0



P2203.1



Material

Pad: polyamide reinforced by fibre glass with anti-slip pad.
Bolt: stainless steel AISI 304.

Technical Notes

Load values refer to static loads, located at half the screw height.
When vibrations or dynamic loads are

present these values should be reduced.

Order No.	d ₁	d ₂	l	h ₁	h ₂	h ₃	A/F	Load kN max.
P2203.040-08-050	M 8	40	50	80	30	19.5	12	10
P2203.040-08-100	M 8	40	100	130	30	19.5	12	10
P2203.065-10-075	M10	65	75	111	36	26.0	14	11
P2203.065-10-100	M10	65	100	136	36	26.0	14	11
P2203.065-10-125	M10	65	125	161	36	26.0	14	11
P2203.065-12-050	M12	65	50	86	36	26.0	14	11
P2203.065-12-075	M12	65	75	111	36	26.0	14	11
P2203.065-12-100	M12	65	100	136	36	26.0	14	11
P2203.065-14-050	M14	65	50	86	36	26.0	14	15
P2203.065-14-075	M14	65	75	111	36	26.0	14	15
P2203.065-14-100	M14	65	100	136	36	26.0	14	15
P2203.065-14-125	M14	65	125	161	36	26.0	14	15
P2203.065-14-150	M14	65	150	186	36	26.0	14	15
P2203.065-14-175	M14	65	175	211	36	26.0	14	15
P2203.065-16-050	M16	65	50	90	40	26.0	13	15
P2203.065-16-075	M16	65	75	115	40	26.0	13	15
P2203.065-16-100	M16	65	100	140	40	26.0	13	15
P2203.065-16-125	M16	65	125	165	40	26.0	13	15
P2203.065-16-150	M16	65	150	190	40	26.0	13	15
P2203.065-16-175	M16	65	175	215	40	26.0	13	15
P2203.065-16-200	M16	65	200	240	40	26.0	13	15
P2203.065-20-050	M20	65	50	90	40	26.0	17	15
P2203.065-20-075	M20	65	75	115	40	26.0	17	15
P2203.065-20-100	M20	65	100	140	40	26.0	17	15
P2203.065-20-125	M20	65	125	165	40	26.0	17	15
P2203.065-20-150	M20	65	150	190	40	26.0	17	15
P2203.065-20-175	M20	65	175	215	40	26.0	17	15
P2203.065-20-200	M20	65	200	240	40	26.0	17	15

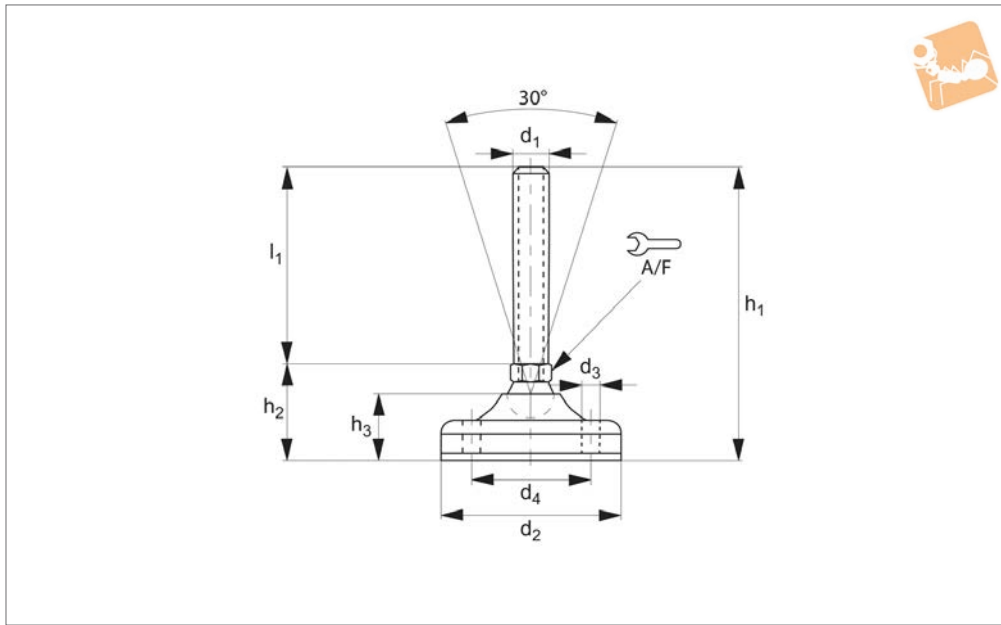


Levelling Feet

bolt down option, bolt stainless steel



Levelling Feet



P2203.2

LEVELLING FEET

Material

Pad: polyamide reinforced by fibre glass with anti-slip pad.
Bolt: stainless steel AISI 304.

Technical Notes

Load values refer to static loads, located at half the screw height.
When vibrations or dynamic loads are

present these values should be reduced.
Larger pad size allows for bolt down holes to be drilled through.

Order No.	d ₁	l ₁	d ₂	d ₃	d ₄	h ₁	h ₂	h ₃	A/F	Load kN max.
P2203.083-10-050	M10	50	83	8.5	55	91	38	27	14	15
P2203.083-10-075	M10	75	83	8.5	55	116	38	27	14	15
P2203.083-10-100	M10	100	83	8.5	55	141	38	27	14	15
P2203.083-10-125	M10	125	83	8.5	55	166	38	27	14	15
P2203.083-12-050	M12	50	83	8.5	55	91	38	27	14	15
P2203.083-12-075	M12	75	83	8.5	55	116	38	27	14	15
P2203.083-12-100	M12	100	83	8.5	55	141	38	27	14	15
P2203.083-12-125	M12	125	83	8.5	55	166	38	27	14	15
P2203.083-14-050	M14	50	83	8.5	55	91	38	27	14	20
P2203.083-14-075	M14	75	83	8.5	55	116	38	27	14	20
P2203.083-14-100	M14	100	83	8.5	55	141	38	27	14	20
P2203.083-14-125	M14	125	83	8.5	55	166	38	27	14	20
P2203.083-14-150	M14	150	83	8.5	55	191	38	27	14	20
P2203.083-14-175	M14	175	83	8.5	55	216	38	27	14	20
P2203.083-16-050	M16	50	83	8.5	55	94	41	27	13	20
P2203.083-16-075	M16	75	83	8.5	55	119	41	27	13	20
P2203.083-16-100	M16	100	83	8.5	55	144	41	27	13	20
P2203.083-16-125	M16	125	83	8.5	55	169	41	27	13	20
P2203.083-16-150	M16	150	83	8.5	55	194	41	27	13	20
P2203.083-16-175	M16	175	83	8.5	55	219	41	27	13	20
P2203.083-16-200	M16	200	83	8.5	55	244	41	27	13	20
P2203.103-16-050	M16	50	103	12.5	73	104	51	32	20	25
P2203.103-16-075	M16	75	103	12.5	73	129	51	32	20	25
P2203.103-16-100	M16	100	103	12.5	73	154	51	32	20	25
P2203.103-16-125	M16	125	103	12.5	73	179	51	32	20	25
P2203.103-16-150	M16	150	103	12.5	73	204	51	32	20	25
P2203.103-16-175	M16	175	103	12.5	73	229	51	32	20	25
P2203.103-16-200	M16	200	103	12.5	73	254	51	32	20	25
P2203.103-16-225	M16	225	103	12.5	73	279	51	32	20	25
P2203.083-20-075	M20	75	83	8.5	55	119	41	27	17	20
P2203.083-20-100	M20	100	83	8.5	55	144	41	27	17	20
P2203.083-20-125	M20	125	83	8.5	55	169	41	27	17	20
P2203.083-20-150	M20	150	83	8.5	55	194	41	27	17	20

Levelling Feet

Levelling Feet

bolt down option, bolt **stainless steel**



LEVELLING FEET

Order No.	d ₁	l ₁	d ₂	d ₃	d ₄	h ₁	h ₂	h ₃	A/F	Load kN max.
P2203.083-20-175	M20	175	83	8.5	55	219	41	27	17	20
P2203.083-20-200	M20	200	83	8.5	55	244	41	27	17	20
P2203.083-20-225	M20	225	83	8.5	55	269	41	27	17	20
P2203.103-20-100	M20	100	103	12.5	73	154	51	32	20	25
P2203.103-20-125	M20	125	103	12.5	73	179	51	32	20	25
P2203.103-20-150	M20	150	103	12.5	73	204	51	32	20	25
P2203.103-20-175	M20	175	103	12.5	73	229	51	32	20	25
P2203.103-20-200	M20	200	103	12.5	73	254	51	32	20	25
P2203.103-20-225	M20	225	103	12.5	73	279	51	32	20	25
P2203.103-24-075	M24	75	103	12.5	73	129	51	32	20	25
P2203.103-24-100	M24	100	103	12.5	73	154	51	32	20	25
P2203.103-24-125	M24	125	103	12.5	73	179	51	32	20	25
P2203.103-24-150	M24	150	103	12.5	73	204	51	32	20	25
P2203.103-24-175	M24	175	103	12.5	73	229	51	32	20	25
P2203.103-24-200	M24	200	103	12.5	73	280	51	32	20	25
P2203.103-24-225	M24	250	103	12.5	73	302	51	32	20	25

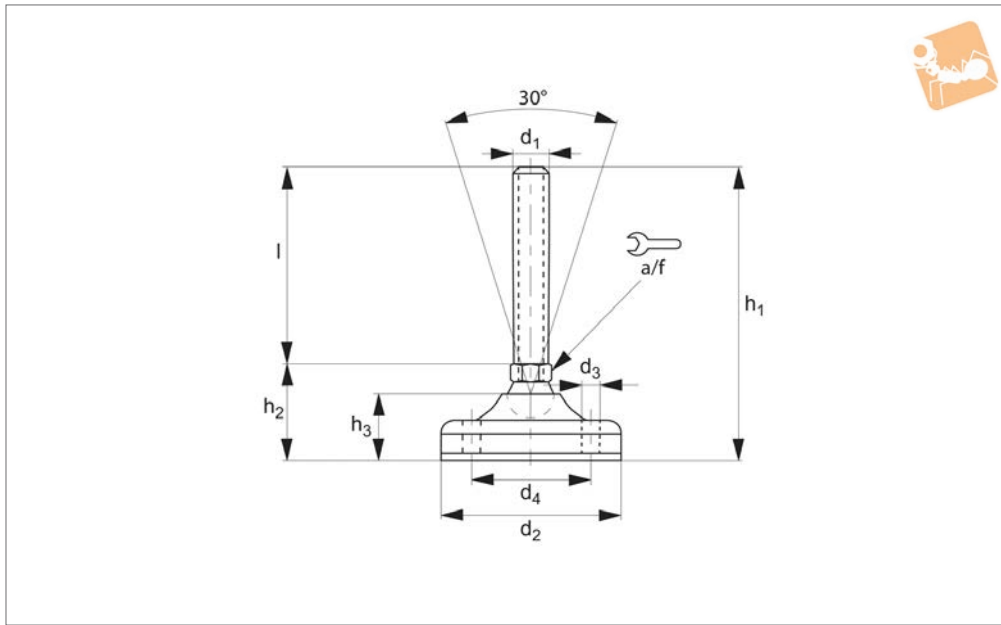


Levelling Feet - Heavy Duty

bolt down option, bolt stainless steel



Levelling Feet



P2203.3

LEVELLING FEET

Material

Pad: polyamide reinforced by fibre glass with anti-slip pad.
Bolt: stainless steel AISI 304.

Technical Notes

Load values refer to static loads, located at half the screw height.
When vibrations or dynamic loads are

present these values should be reduced.
Larger pad size allows for bolt down holes to be drilled through.

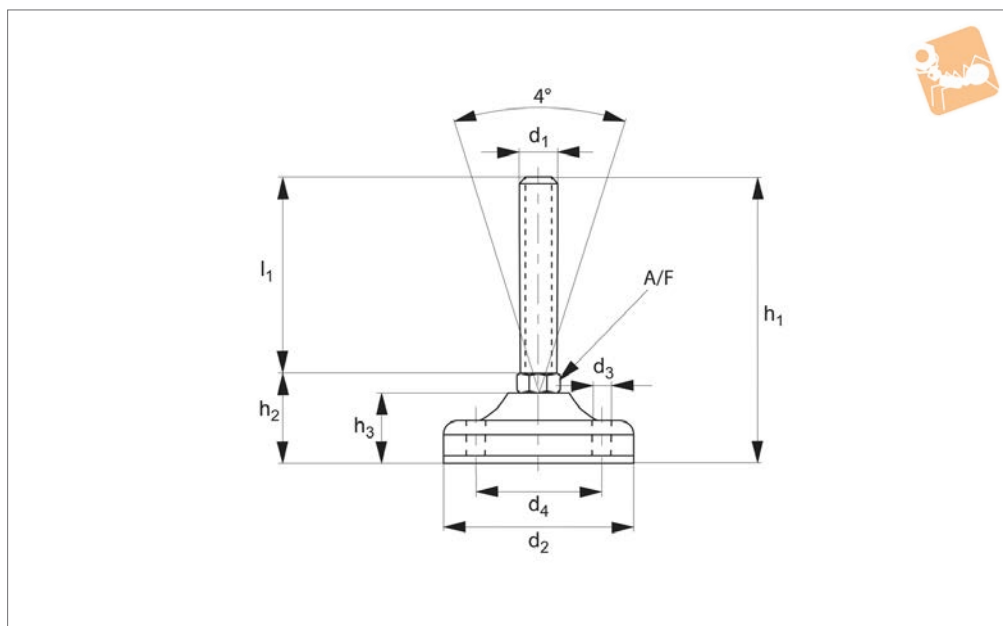
Order No.	d ₁	d ₂	l	d ₃	d ₄	h ₁	h ₂	h ₃	A/F	Load kN max.
P2203.123-16-050	M16	123	50	12.5	87	110	60	40	20	35
P2203.123-16-075	M16	123	75	12.5	87	135	60	40	20	35
P2203.123-16-100	M16	123	100	12.5	87	160	60	40	20	35
P2203.123-16-125	M16	123	125	12.5	87	185	60	40	20	35
P2203.123-16-150	M16	123	150	12.5	87	210	60	40	20	35
P2203.123-16-175	M16	123	175	12.5	87	235	60	40	20	35
P2203.123-16-200	M16	123	200	12.5	87	260	60	40	20	35
P2203.123-16-225	M16	123	225	12.5	87	285	60	40	20	35
P2203.123-20-075	M20	123	75	12.5	87	135	60	40	20	35
P2203.123-20-100	M20	123	100	12.5	87	160	60	40	20	35
P2203.123-20-125	M20	123	125	12.5	87	185	60	40	20	35
P2203.123-20-150	M20	123	150	12.5	87	210	60	40	20	35
P2203.123-20-175	M20	123	175	12.5	87	235	60	40	20	35
P2203.123-20-200	M20	123	200	12.5	87	260	60	40	20	35
P2203.123-20-225	M20	123	225	12.5	87	285	60	40	20	35
P2203.123-20-250	M20	123	250	12.5	87	310	60	40	20	35
P2203.123-24-075	M24	123	75	12.5	87	135	60	40	20	35
P2203.123-24-100	M24	123	100	12.5	87	160	60	40	20	35
P2203.123-24-125	M24	123	125	12.5	87	185	60	40	20	35
P2203.123-24-150	M24	123	150	12.5	87	210	60	40	20	35
P2203.123-24-175	M24	123	175	12.5	87	235	60	40	20	35
P2203.123-24-200	M24	123	200	12.5	87	260	60	40	20	35
P2203.123-24-225	M24	123	225	12.5	87	285	60	40	20	35
P2203.123-24-250	M24	123	250	12.5	87	310	60	40	20	35
P2203.123-30-100	M30	123	100	12.5	87	161	61	40	26	35
P2203.123-30-125	M30	123	125	12.5	87	186	61	40	26	35
P2203.123-30-150	M30	123	150	12.5	87	211	61	40	26	35
P2203.123-30-175	M30	123	175	12.5	87	236	61	40	26	35
P2203.123-30-200	M30	123	200	12.5	87	261	61	40	26	35
P2203.123-30-225	M30	123	225	12.5	87	286	61	40	26	35
P2203.123-30-250	M30	123	250	12.5	87	311	61	40	26	35



LEVELLING FEET



P2204.2



Material

Pad: black polyamide.

Bolt: stainless steel AISI 303.

Pad insert: nitril rubber.

half the screw height.

Technical Notes

Load values refer to static loads, located at

Order No.	d ₁	l ₁	d ₂	d ₃	d ₄	h ₁	h ₂	h ₃	A/F	Load kN max.
P2204.083-10-050	M10	50	83	8.5	56	89	39	31	14	15
P2204.083-10-075	M10	75	83	8.5	56	114	39	31	14	15
P2204.083-10-100	M10	100	83	8.5	56	139	39	31	14	15
P2204.083-10-125	M10	125	83	8.5	56	164	39	31	14	15
P2204.083-12-050	M12	50	83	8.5	56	89	39	31	14	15
P2204.083-12-075	M12	75	83	8.5	56	114	39	31	14	15
P2204.083-12-100	M12	100	83	8.5	56	139	39	31	14	15
P2204.083-14-050	M14	50	83	8.5	56	89	39	31	14	20
P2204.083-14-075	M14	75	83	8.5	56	114	39	31	14	20
P2204.083-14-100	M14	100	83	8.5	56	139	39	31	14	20
P2204.083-14-125	M14	125	83	8.5	56	164	39	31	14	20
P2204.083-14-150	M14	150	83	8.5	56	189	39	31	14	20
P2204.083-14-175	M14	175	83	8.5	56	215	39	31	14	20
P2204.083-16-050	M16	50	83	8.5	56	93	43	31	13	20
P2204.083-16-075	M16	75	83	8.5	56	118	43	31	13	20
P2204.083-16-100	M16	100	83	8.5	56	143	43	31	13	20
P2204.083-16-125	M16	125	83	8.5	56	168	43	31	13	20
P2204.083-16-150	M16	150	83	8.5	56	193	43	31	13	20
P2204.083-16-175	M16	175	83	8.5	56	218	43	31	13	20
P2204.083-16-200	M16	200	83	8.5	56	243	43	31	13	20
P2204.103-16-050	M16	50	103	12.5	73	98	48	36	17	35
P2204.103-16-075	M16	75	103	12.5	73	123	48	36	17	35
P2204.103-16-100	M16	100	103	12.5	73	148	48	36	17	35
P2204.103-16-125	M16	125	103	12.5	73	173	48	36	17	35
P2204.103-16-150	M16	150	103	12.5	73	198	48	36	17	35
P2204.103-16-175	M16	175	103	12.5	73	223	48	36	17	35
P2204.103-16-200	M16	200	103	12.5	73	248	48	36	17	35
P2204.103-16-225	M16	225	103	12.5	73	273	48	36	17	35
P2204.123-16-050	M16	50	123	12.5	87	103	53	40	20	45
P2204.123-16-075	M16	75	123	12.5	87	128	53	40	20	45
P2204.123-16-100	M16	100	123	12.5	87	153	53	40	20	45
P2204.123-16-125	M16	125	123	12.5	87	178	53	40	20	45
P2204.123-16-150	M16	150	123	12.5	87	203	53	40	20	45
P2204.123-16-175	M16	175	123	12.5	87	228	53	40	20	45



Machine Mount

plastic pad, bolt black polyamide bolt down option



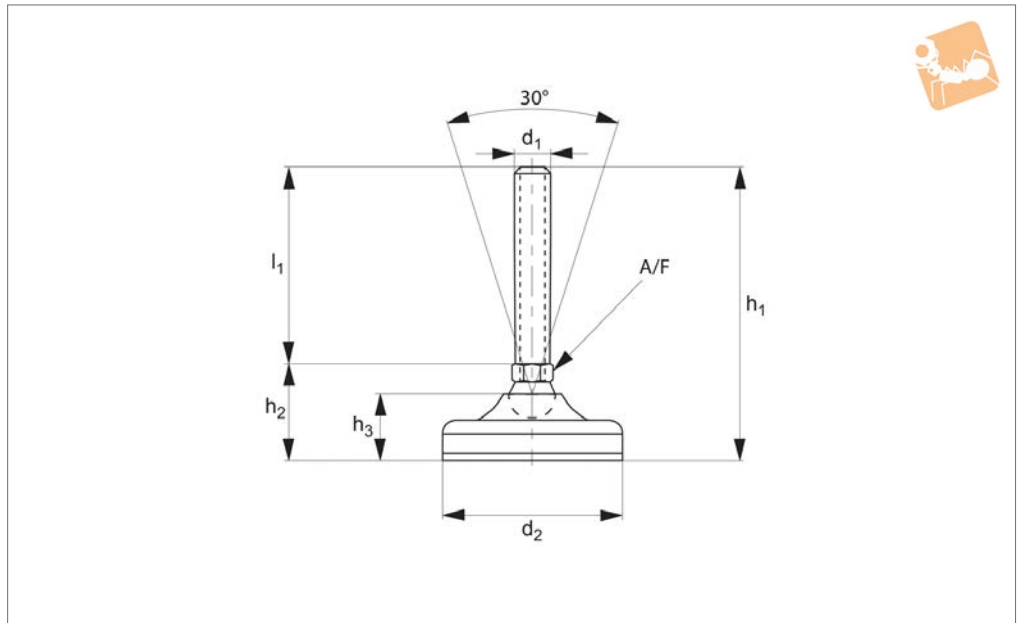
Levelling Feet

Order No.	d ₁	l ₁	d ₂	d ₃	d ₄	h ₁	h ₂	h ₃	A/F	Load kN max.
P2204.123-16-200	M16	200	123	12.5	87	253	53	40	20	45
P2204.123-16-225	M16	225	123	12.5	87	278	53	40	20	45
P2204.083-20-075	M20	75	83	8.5	56	118	43	34	17	20
P2204.083-20-100	M20	100	83	8.5	56	143	43	34	17	20
P2204.083-20-125	M20	125	83	8.5	56	168	43	34	17	20
P2204.083-20-150	M20	150	83	8.5	56	193	43	34	17	20
P2204.083-20-175	M20	175	83	8.5	56	218	43	34	17	20
P2204.083-20-200	M20	200	83	8.5	56	243	43	34	17	20
P2204.083-20-225	M20	225	83	8.5	56	268	43	34	17	20
P2204.103-20-075	M20	75	103	12.5	73	123	48	36	17	35
P2204.103-20-100	M20	100	103	12.5	73	148	48	36	17	35
P2204.103-20-125	M20	125	103	12.5	73	173	48	36	17	35
P2204.103-20-150	M20	150	103	12.5	73	198	48	36	17	35
P2204.103-20-175	M20	175	103	12.5	73	223	48	36	17	35
P2204.103-20-200	M20	200	103	12.5	73	248	48	36	17	35
P2204.103-20-225	M20	225	103	12.5	73	273	48	36	17	35
P2204.123-20-075	M20	75	123	12.5	87	128	53	40	20	45
P2204.123-20-100	M20	100	123	12.5	87	153	53	40	20	45
P2204.123-20-125	M20	125	123	12.5	87	178	53	40	20	45
P2204.123-20-150	M20	150	123	12.5	87	203	53	40	20	45
P2204.123-20-175	M20	175	123	12.5	87	228	53	40	20	45
P2204.123-20-200	M20	200	123	12.5	87	253	53	40	20	45
P2204.123-20-225	M20	225	123	12.5	87	278	53	40	20	45
P2204.103-24-075	M24	75	103	12.5	73	125	50	36	20	35
P2204.103-24-100	M24	100	103	12.5	73	150	50	36	20	35
P2204.103-24-125	M24	125	103	12.5	73	175	50	36	20	35
P2204.103-24-150	M24	150	103	12.5	73	200	50	36	20	35
P2204.103-24-175	M24	175	103	12.5	73	225	50	36	20	35
P2204.103-24-200	M24	200	103	12.5	73	250	50	36	20	35
P2204.103-24-225	M24	225	103	12.5	73	275	50	36	20	35
P2204.123-24-075	M24	75	123	12.5	87	128	53	40	20	45
P2204.123-24-100	M24	100	123	12.5	87	153	53	40	20	45
P2204.123-24-125	M24	125	123	12.5	87	178	53	40	20	45
P2204.123-24-150	M24	150	123	12.5	87	203	53	40	20	45
P2204.123-24-175	M24	175	123	12.5	87	228	53	40	20	45
P2204.123-24-200	M24	200	123	12.5	87	253	53	40	20	45
P2204.123-24-225	M24	225	123	12.5	87	278	53	40	20	45
P2204.123-24-250	M24	250	123	12.5	87	303	53	40	20	45
P2204.123-30-100	M30	100	123	12.5	87	153	53	40	26	45
P2204.123-30-125	M30	125	123	12.5	87	178	53	40	26	45
P2204.123-30-150	M30	150	123	12.5	87	203	53	40	26	45
P2204.123-30-175	M30	175	123	12.5	87	228	53	40	26	45
P2204.123-30-200	M30	200	123	12.5	87	253	53	40	26	45
P2204.123-30-225	M30	225	123	12.5	87	278	53	40	26	45
P2204.123-30-250	M30	250	123	12.5	87	303	53	40	26	45

LEVELLING FEET



P2205.1



Material

Pad: polyamide reinforced by fibre glass with anti-slip pad.
 Bolt: galvanized steel (C40)

Technical Notes

Load values refer to static loads, located at half the screw height.
 When vibrations or dynamic loads are

present these values should be reduced.

Order No.	d ₁	d ₂	h ₁	h ₂	h ₃	l ₁	A/F	Load kN max.
P2205.040-08-025	M 8	40	55	30	19.5	25	12	10
P2205.040-08-050	M 8	40	80	30	19.5	50	12	10
P2205.040-08-075	M 8	40	105	30	19.5	75	12	10
P2205.040-08-100	M 8	40	130	30	19.5	100	12	10
P2205.065-10-050	M10	65	86	36	26.0	50	14	11
P2205.065-10-075	M10	65	111	36	26.0	75	14	11
P2205.065-10-100	M10	65	136	36	26.0	100	14	11
P2205.065-12-050	M12	65	86	36	26.0	50	14	11
P2205.065-12-075	M12	65	111	36	26.0	75	14	11
P2205.065-12-125	M12	65	161	36	26.0	125	14	11
P2205.065-14-050	M14	65	86	36	26.0	50	14	15
P2205.065-14-075	M14	65	111	36	26.0	75	14	15
P2205.065-14-100	M14	65	136	36	26.0	100	14	15
P2205.065-14-125	M14	65	161	36	26.0	125	14	15
P2205.065-14-150	M14	65	186	36	26.0	150	14	15
P2205.065-14-175	M14	65	211	36	26.0	175	14	15
P2205.065-16-050	M16	65	86	36	26.0	50	16	15
P2205.065-16-075	M16	65	111	36	26.0	75	16	15
P2205.065-16-125	M16	65	161	36	26.0	125	16	15
P2205.065-16-150	M16	65	186	36	26.0	150	16@	15
P2205.065-16-175	M16	65	211	36	26.0	175	16@	15
P2205.065-16-200	M16	65	236	36	26.0	200	16@	15
P2205.065-20-075	M20	65	115	40	26.0	75	17	15
P2205.065-20-100	M20	65	140	40	26.0	100	17	15
P2205.065-20-125	M20	65	165	40	26.0	125	17	15
P2205.065-20-150	M20	65	190	40	26.0	150	17	15
P2205.065-20-175	M20	65	215	40	26.0	175	17	15
P2205.065-20-200	M20	65	240	40	26.0	200	17	15

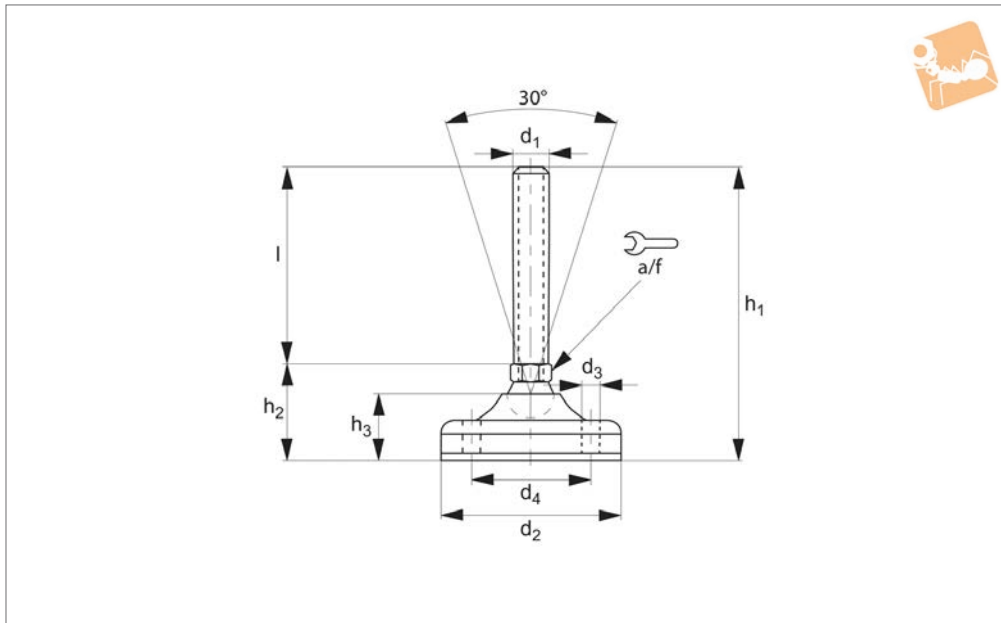


Levelling Feet

plastic pad, bolt steel



Levelling Feet



P2205.2

LEVELLING FEET

Material

Pad: polyamide reinforced by fibre glass with anti-slip pad.
Bolt: steel (C40)

Technical Notes

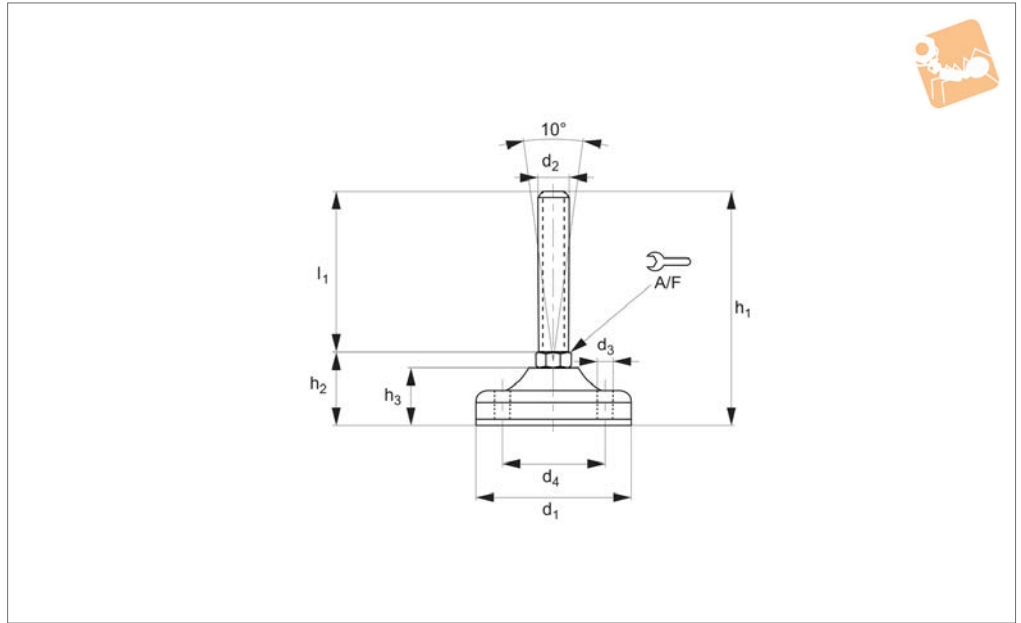
Load values refer to static loads, located at half the screw height.
When vibrations or dynamic loads are

present these values should be reduced.

Order No.	d ₁	d ₂	d ₃	d ₄	l	h ₁	h ₂	h ₃	A/F	Load kN max.
P2205.083-10-050	M10	83	8.5	55	50	91	41	30	14	15
P2205.083-10-075	M10	83	8.5	55	75	116	41	30	14	15
P2205.083-10-100	M10	83	8.5	55	100	141	41	30	14	15
P2205.083-10-125	M10	83	8.5	55	125	166	41	30	14	15
P2205.083-12-050	M12	83	8.5	55	50	91	41	30	14	15
P2205.083-12-075	M12	83	8.5	55	75	116	41	30	14	15
P2205.083-12-100	M12	83	8.5	55	100	141	41	30	14	15
P2205.083-12-125	M12	83	8.5	55	125	161	41	30	14	15
P2205.083-14-050	M14	83	8.5	55	50	91	41	30	14	20
P2205.083-14-075	M14	83	8.5	55	75	116	41	30	14	20
P2205.083-14-100	M14	83	8.5	55	100	141	41	30	14	20
P2205.083-14-125	M14	83	8.5	55	125	166	41	30	14	20
P2205.083-14-150	M14	83	8.5	55	150	191	41	30	14	20
P2205.083-14-175	M14	83	8.5	55	175	216	41	30	14	20
P2205.083-16-050	M16	83	8.5	55	50	91	41	30	16	20
P2205.083-16-075	M16	83	8.5	55	75	116	41	30	16	20
P2205.083-16-100	M16	83	8.5	55	100	141	41	30	16	20
P2205.083-16-125	M16	83	8.5	55	125	166	41	30	16	20
P2205.083-16-150	M16	83	8.5	55	150	191	41	30	16	20
P2205.083-16-175	M16	83	8.5	55	175	216	41	30	16	20
P2205.083-16-200	M16	83	8.5	55	200	241	41	30	16	20
P2205.083-20-075	M20	83	8.5	55	75	119	44	30@	17	20
P2205.083-20-100	M20	83	8.5	55	100	144	44	30	17	20
P2205.083-20-125	M20	83	8.5	55	125	169	44	30	17	20
P2205.083-20-150	M20	83	8.5	55	150	194	44	30	17	20
P2205.083-20-175	M20	83	8.5	55	175	219	44	30	17	20
P2205.083-20-200	M20	83	8.5	55	200	244	44	30	17	20
P2205.083-20-225	M20	83	8.5	55	225	269	44	30	17	20



P2206



LEVELLING FEET

Material

Black plastic base (reinforced with fibre glass), with steel (C40) stud.

Technical Notes

Load values refer to static loads, located at half the screw height.

Order No.	d ₁	d ₂	d ₃	d ₄	l	h ₁	h ₂	h ₃	A/F
P2206.083-10-050	83	M10	8.5	56	50	89	39	31	16
P2206.083-10-075	83	M10	8.5	56	75	114	39	31	16
P2206.083-10-100	83	M10	8.5	56	100	139	39	31	16
P2206.083-10-125	83	M10	8.5	56	125	164	39	31	16
P2206.083-12-050	83	M12	8.5	56	50	89	39	31	16
P2206.083-12-075	83	M12	8.5	56	75	114	39	31	16
P2206.083-12-100	83	M12	8.5	56	100	139	39	31	16
P2206.083-12-125	83	M12	8.5	56	125	164	39	31	16
P2206.083-14-050	83	M14	8.5	56	50	89	39	31	16
P2206.083-14-075	83	M14	8.5	56	75	114	39	31	16
P2206.083-14-100	83	M14	8.5	56	100	139	39	31	16
P2206.083-14-125	83	M14	8.5	56	125	164	39	31	16
P2206.083-14-150	83	M14	8.5	56	150	189	39	31	16
P2206.083-14-175	83	M14	8.5	56	175	215	39	31	16
P2206.083-16-050	83	M16	8.5	56	50	89	39	31	16
P2206.083-16-075	83	M16	8.5	56	75	114	39	31	16
P2206.083-16-100	83	M16	8.5	56	100	139	39	31	16
P2206.083-16-125	83	M16	8.5	56	125	164	39	31	16
P2206.083-16-150	83	M16	8.5	56	150	189	39	31	16
P2206.083-16-175	83	M16	8.5	56	175	214	39	31	16
P2206.083-16-200	83	M16	8.5	56	200	239	39	31	16
P2206.083-20-075	83	M20	8.5	56	75	118	43	31	17
P2206.083-20-100	83	M20	8.5	56	100	143	43	31	17
P2206.083-20-125	83	M20	8.5	56	125	168	43	31	17
P2206.083-20-150	83	M20	8.5	56	150	193	43	31	17
P2206.083-20-175	83	M20	8.5	56	175	218	43	31	17
P2206.083-20-200	83	M20	8.5	56	200	243	43	31	17
P2206.083-20-225	83	M20	8.5	56	225	268	43	31	17
P2206.103-16-050	103	M16	12.5	73	50	98	48	36	17
P2206.103-16-075	103	M16	12.5	73	75	123	48	36	17
P2206.103-16-100	103	M16	12.5	73	100	148	48	36	17
P2206.103-16-125	103	M16	12.5	73	125	173	48	36	17
P2206.103-16-150	103	M16	12.5	73	150	198	48	36	17
P2206.103-16-175	103	M16	12.5	73	175	223	48	36	17
P2206.103-16-200	103	M16	12.5	73	200	248	48	36	17



Plastic Levelling Feet

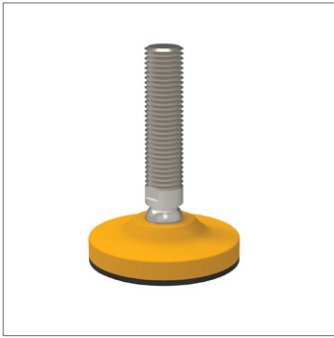
steel stud



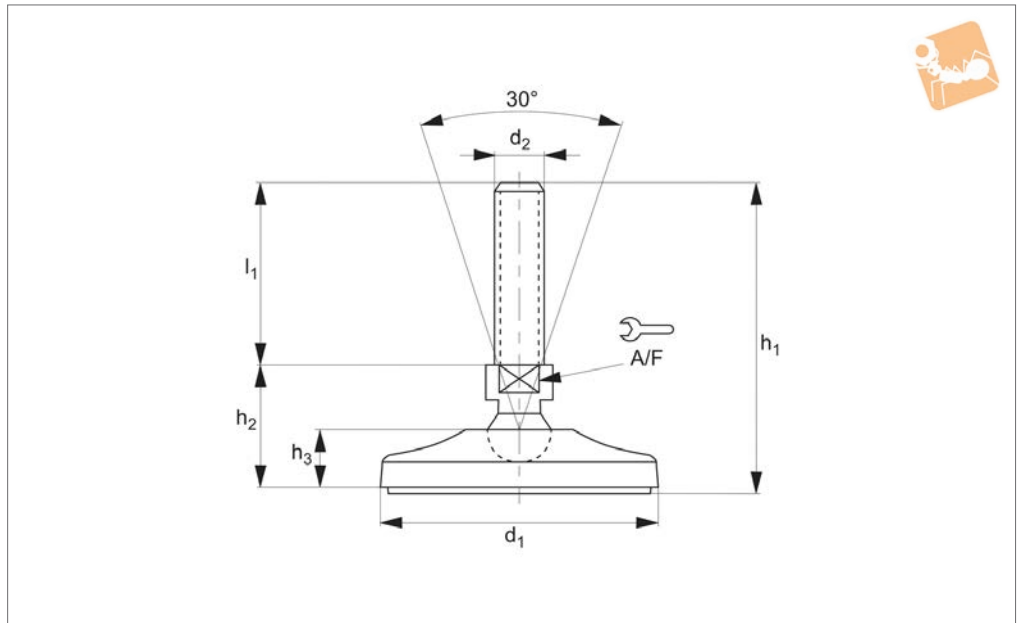
Levelling Feet

Order No.	d ₁	d ₂	d ₃	d ₄	l	h ₁	h ₂	h ₃	A/F
P2206.103-16-225	103	M16	12.5	73	225	273	48	36	17
P2206.103-20-075	103	M20	12.5	73	75	123	48	36	17
P2206.103-20-100	103	M20	12.5	73	100	148	48	36	17
P2206.103-20-125	103	M20	12.5	73	125	173	48	36	17
P2206.103-20-150	103	M20	12.5	73	150	198	48	36	17
P2206.103-20-175	103	M20	12.5	73	175	223	48	36	17
P2206.103-20-200	103	M20	12.5	73	200	248	48	36	17
P2206.103-20-225	103	M20	12.5	73	225	273	48	36	17
P2206.103-24-075	103	M24	12.5	73	75	125	50	36	20
P2206.103-24-100	103	M24	12.5	73	100	150	50	36	20
P2206.103-24-125	103	M24	12.5	73	125	175	50	36	20
P2206.103-24-150	103	M24	12.5	73	150	200	50	36	20
P2206.103-24-175	103	M24	12.5	73	175	225	50	36	20
P2206.103-24-200	103	M24	12.5	73	200	250	50	36	20
P2206.103-24-225	103	M24	12.5	73	225	275	50	36	20
P2206.123-16-050	123	M16	12.5	87	50	103	53	40	20
P2206.123-16-075	123	M16	12.5	87	75	128	53	40	20
P2206.123-16-100	123	M16	12.5	87	100	153	53	40	20
P2206.123-16-125	123	M16	12.5	87	125	178	53	40	20
P2206.123-16-150	123	M16	12.5	87	150	203	53	40	20
P2206.123-16-175	123	M16	12.5	87	175	228	53	40	20
P2206.123-16-200	123	M16	12.5	87	200	253	53	40	20
P2206.123-16-225	123	M16	12.5	87	225	278	53	40	20
P2206.123-20-075	123	M20	12.5	87	75	128	53	40	20
P2206.123-20-100	123	M20	12.5	87	100	153	53	40	20
P2206.123-20-125	123	M20	12.5	87	125	178	53	40	20
P2206.123-20-150	123	M20	12.5	87	150	203	53	40	20
P2206.123-20-175	123	M20	12.5	87	175	228	53	40	20
P2206.123-20-200	123	M20	12.5	87	200	253	53	40	20
P2206.123-20-225	123	M20	12.5	87	225	278	53	40	20
P2206.123-24-075	123	M24	12.5	87	75	128	53	40	20
P2206.123-24-100	123	M24	12.5	87	100	153	53	40	20
P2206.123-24-125	123	M24	12.5	87	125	178	53	40	20
P2206.123-24-150	123	M24	12.5	87	150	203	53	40	20
P2206.123-24-175	123	M24	12.5	87	175	228	53	40	20
P2206.123-24-200	123	M24	12.5	87	200	253	53	40	20
P2206.123-24-225	123	M24	12.5	87	225	278	53	40	20
P2206.123-24-250	123	M24	12.5	87	250	303	53	40	20
P2206.123-30-100	123	M30	12.5	87	100	153	53	40	26
P2206.123-30-125	123	M30	12.5	87	125	178	53	40	26
P2206.123-30-150	123	M30	12.5	87	150	203	53	40	26
P2206.123-30-175	123	M30	12.5	87	175	228	53	40	26
P2206.123-30-200	123	M30	12.5	87	200	253	53	40	26
P2206.123-30-225	123	M30	12.5	87	225	278	53	40	26
P2206.123-30-250	123	M30	12.5	87	250	303	53	40	26

LEVELLING FEET



P2207



LEVELLING FEET

Material

Steel (C40), powder coated (RAL 1007), with rubber pad (70 shore A).

Technical Notes

Load values refer to static loads, located at half the screw height.

Order No.	d ₁	d ₂	h ₁	h ₂	h ₃	l ₁	A/F	Load kgf max.
P2207.050-10-025	50	M10	56	31	19	25	14	1500
P2207.050-10-050	50	M10	81	31	19	50	14	1500
P2207.050-10-075	50	M10	106	31	19	75	14	1500
P2207.050-10-100	50	M10	131	31	19	100	14	1500
P2207.050-10-125	50	M10	156	31	19	125	14	1500
P2207.050-12-025	50	M12	56	31	19	25	14	1500
P2207.050-12-050	50	M12	81	31	19	50	14	1500
P2207.050-12-075	50	M12	106	31	19	75	14	1500
P2207.050-12-100	50	M12	131	31	19	100	14	1500
P2207.050-12-125	50	M12	156	31	19	125	14	1500
P2207.050-14-025	50	M14	56	31	19	25	14	1500
P2207.050-14-050	50	M14	81	31	19	50	14	1500
P2207.050-14-075	50	M14	106	31	19	75	14	1500
P2207.050-14-100	50	M14	131	31	19	100	14	1500
P2207.050-14-125	50	M14	156	31	19	125	14	1500
P2207.065-14-050	65	M14	83	33	20	50	16	2000
P2207.065-14-075	65	M14	108	33	20	75	16	2000
P2207.065-14-100	65	M14	133	33	20	100	16	2000
P2207.065-14-125	65	M14	158	33	20	125	16	2000
P2207.065-14-150	65	M14	183	33	20	150	16	2000
P2207.065-16-050	65	M16	83	33	20	50	16	2000
P2207.065-16-075	65	M16	108	33	20	75	16	2000
P2207.065-16-100	65	M16	133	33	20	100	16	2000
P2207.065-16-125	65	M16	158	33	20	125	16	2000
P2207.065-16-150	65	M16	183	33	20	150	16	2000
P2207.065-16-175	65	M16	208	33	20	175	16	2000
P2207.080-16-050	80	M16	86	36	23	50	16	3000
P2207.080-16-075	80	M16	111	36	23	75	16	3000
P2207.080-16-100	80	M16	136	36	23	100	16	3000
P2207.080-16-125	80	M16	161	36	23	125	16	3000
P2207.080-16-150	80	M16	186	36	23	150	16	3000
P2207.080-16-175	80	M16	211	36	23	175	16	3000
P2207.080-16-200	80	M16	236	36	23	200	16	3000
P2207.080-20-075	80	M20	114	39	23	75	17	3000



Steel Levelling Feet



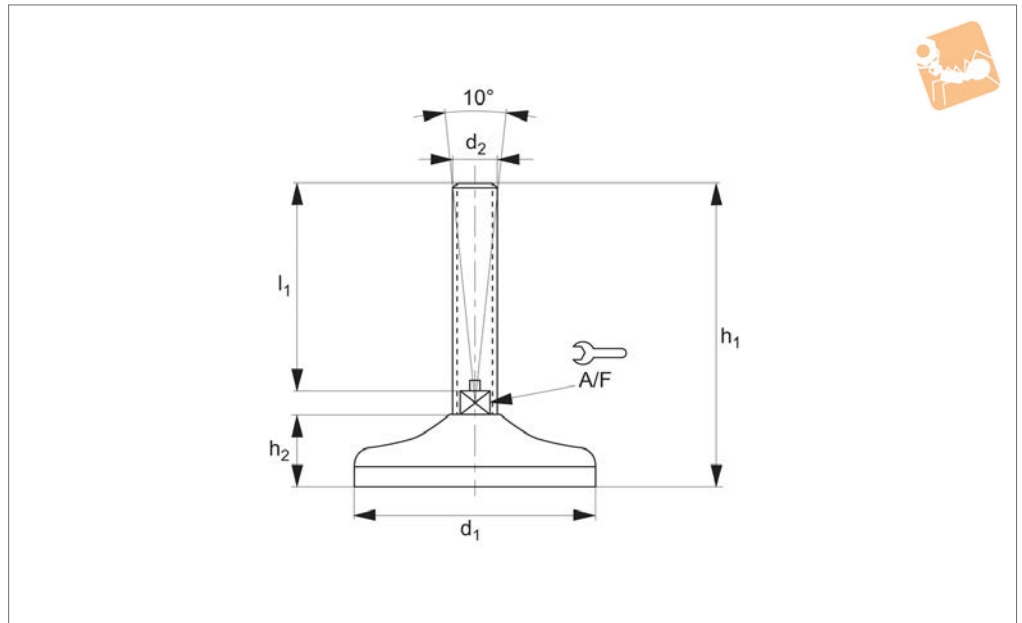
Levelling Feet

Order No.	d ₁	d ₂	h ₁	h ₂	h ₃	l ₁	A/F	Load kgf max.
P2207.080-20-100	80	M20	139	39	23	100	17	3000
P2207.080-20-125	80	M20	164	39	23	125	17	3000
P2207.080-20-150	80	M20	189	39	23	150	17	3000
P2207.080-20-175	80	M20	214	39	23	175	17	3000
P2207.080-20-200	80	M20	239	39	23	200	17	3000
P2207.080-20-225	80	M20	264	39	23	225	17	3000
P2207.100-16-050	100	M16	96	46	23	50	20	3500
P2207.100-16-075	100	M16	121	46	23	75	20	3500
P2207.100-16-100	100	M16	146	46	23	100	20	3500
P2207.100-16-125	100	M16	171	46	23	125	20	3500
P2207.100-16-150	100	M16	196	46	23	150	20	3500
P2207.100-16-175	100	M16	221	46	23	175	20	3500
P2207.100-16-200	100	M16	246	46	23	200	20	3500
P2207.100-20-075	100	M20	121	46	23	75	20	4500
P2207.100-20-100	100	M20	146	46	23	100	20	4500
P2207.100-20-125	100	M20	171	46	23	125	20	4500
P2207.100-20-150	100	M20	196	46	23	150	20	4500
P2207.100-20-175	100	M20	221	46	23	175	20	4500
P2207.100-20-200	100	M20	246	46	23	200	20	4500
P2207.100-20-225	100	M20	271	46	23	225	20	4500
P2207.100-20-250	100	M20	296	46	23	250	20	4500
P2207.100-24-075	100	M24	122	47	23	75	20	5500
P2207.100-24-100	100	M24	147	47	23	100	20	5500
P2207.100-24-125	100	M24	172	47	23	125	20	5500
P2207.100-24-150	100	M24	202	47	23	150	20	5500
P2207.100-24-175	100	M24	222	47	23	175	20	5500
P2207.100-24-200	100	M24	247	47	23	200	20	5500
P2207.100-24-225	100	M24	272	47	23	225	20	5500
P2207.100-24-250	100	M24	297	47	23	250	20	5500
P2207.120-16-050	120	M16	99	49	26	50	20	3500
P2207.120-16-075	120	M16	104	49	26	75	20	3500
P2207.120-16-100	120	M16	149	49	26	100	20	3500
P2207.120-16-125	120	M16	174	49	26	125	20	3500
P2207.120-16-150	120	M16	199	49	26	150	20	3500
P2207.120-16-175	120	M16	224	49	26	175	20	3500
P2207.120-16-200	120	M16	249	49	26	200	20	3500
P2207.120-20-075	120	M20	124	49	26	75	20	4500
P2207.120-20-100	120	M20	149	49	26	100	20	4500
P2207.120-20-125	120	M20	174	49	26	125	20	4500
P2207.120-20-150	120	M20	199	49	26	150	20	4500
P2207.120-20-175	120	M20	224	49	26	175	20	4500
P2207.120-20-200	120	M20	249	49	26	200	20	4500
P2207.120-20-225	120	M20	274	49	26	225	20	4500
P2207.120-20-250	120	M20	299	49	26	250	20	4500
P2207.120-24-075	120	M24	125	50	26	75	20	5500
P2207.120-24-100	120	M24	150	50	26	100	20	5500
P2207.120-24-125	120	M24	175	50	26	125	20	5500
P2207.120-24-150	120	M24	200	50	26	150	20	5500
P2207.120-24-175	120	M24	225	50	26	175	20	5500
P2207.120-24-200	120	M24	250	50	26	200	20	5500
P2207.120-24-225	120	M24	275	50	26	225	20	5500
P2207.120-24-250	120	M24	300	50	26	250	20	5500
P2207.120-30-100	120	M30	150	50	26	100	26	6500
P2207.120-30-125	120	M30	175	50	26	125	26	6500
P2207.120-30-150	120	M30	200	50	26	150	26	6500
P2207.120-30-175	120	M30	225	50	26	175	26	6500
P2207.120-30-200	120	M30	250	50	26	200	26	6500
P2207.120-30-225	120	M30	275	50	26	225	26	6500
P2207.120-30-250	120	M30	300	50	26	250	26	6500

LEVELLING FEET



P2208



Material

Galvanized steel (C40), with rubber pad (70 shore A).

Technical Notes

Load values refer to static loads, located at half the screw height.

Order No.	d ₁	d ₂	h ₁	h ₂	l ₁	A/F	Load kgf max.
P2208.050-10-050	50	M10	79	19	50	14	400
P2208.050-10-100	50	M10	129	19	100	14	400
P2208.050-12-050	50	M12	79	19	50	14	400
P2208.050-12-100	50	M12	129	19	100	14	400
P2208.050-12-150	50	M12	179	19	150	14	400
P2208.050-14-050	50	M14	79	19	50	14	400
P2208.050-14-100	50	M14	129	19	100	14	400
P2208.050-14-150	50	M14	179	19	150	14	400
P2208.050-16-075	50	M16	104	19	75	14	400
P2208.050-16-100	50	M16	129	19	100	14	400
P2208.050-16-150	50	M16	179	19	150	14	400
P2208.080-10-050	80	M10	85	25	50	14	1000
P2208.080-10-100	80	M10	135	25	100	14	1000
P2208.080-12-050	80	M12	85	25	50	14	1000
P2208.080-12-100	80	M12	135	25	100	14	1000
P2208.080-12-150	80	M12	185	25	150	14	1000
P2208.080-14-050	80	M14	85	25	50	14	1000
P2208.080-14-100	80	M14	135	25	100	14	1000
P2208.080-14-150	80	M14	185	25	150	14	1000
P2208.080-16-075	80	M16	85	25	75	14	1000
P2208.080-16-100	80	M16	135	25	100	14	1000
P2208.080-16-150	80	M16	185	25	150	14	1000
P2208.080-20-075	80	M20	111	25	75	14	1000
P2208.080-20-100	80	M20	136	25	100	14	1000
P2208.080-20-150	80	M20	186	25	150	14	1000
P2208.080-20-200	80	M20	236	25	200	14	1000
P2208.080-24-075	80	M24	111	25	75	14	1000
P2208.080-24-100	80	M24	136	25	100	14	1000
P2208.080-24-150	80	M24	186	25	150	14	1000
P2208.080-24-200	80	M24	236	25	200	14	1000
P2208.100-16-075	100	M16	112.5	28	75	16	1500
P2208.100-16-100	100	M16	137.5	28	100	16	1500
P2208.100-16-150	100	M16	187.5	28	150	16	1500
P2208.100-16-200	100	M16	237.5	28	200	16	1500



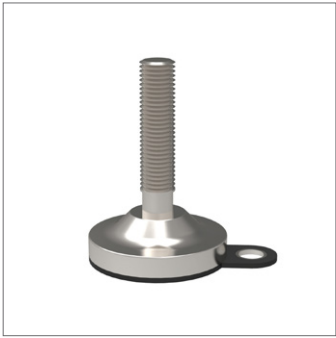
Steel Levelling Feet steel



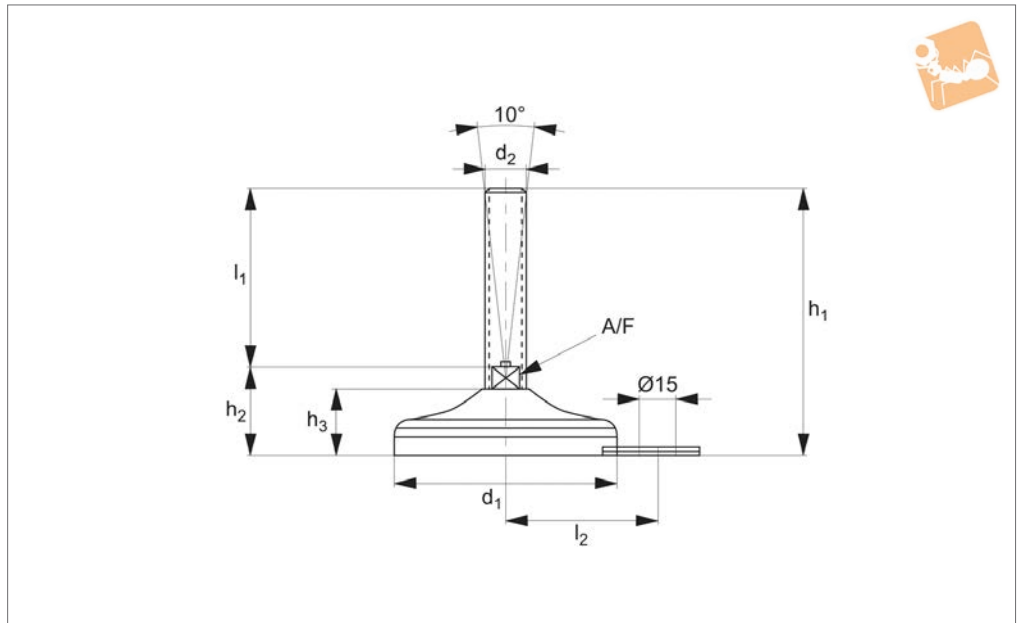
Levelling Feet

Order No.	d ₁	d ₂	h ₁	h ₂	l ₁	A/F	Load kgf max.
P2208.100-20-075	100	M20	113.5	28	75	20	1500
P2208.100-20-100	100	M20	138.5	28	100	20	1500
P2208.100-20-150	100	M20	188.5	28	150	20	1500
P2208.100-20-200	100	M20	238.5	28	200	20	1500
P2208.100-20-250	100	M20	288.5	28	250	20	1500
P2208.100-24-100	100	M24	138.5	28	100	24	1500
P2208.100-24-150	100	M24	188.5	28	150	24	1500
P2208.100-24-200	100	M24	238.5	28	200	24	1500
P2208.100-24-250	100	M24	288.5	28	250	24	1500
P2208.100-30-100	100	M30	139.5	28	100	30	1500
P2208.100-30-150	100	M30	189.5	28	150	30	1500
P2208.100-30-200	100	M30	239.5	28	200	30	1500
P2208.100-30-250	100	M30	289.5	28	250	30	1500
P2208.120-16-075	120	M16	116.5	32	75	16	3000
P2208.120-16-100	120	M16	141.5	32	100	16	3000
P2208.120-16-150	120	M16	191.5	32	150	16	3000
P2208.120-16-200	120	M16	241.5	32	200	16	3000
P2208.120-20-075	120	M20	117.5	32	75	20	3000
P2208.120-20-100	120	M20	142.5	32	100	20	3000
P2208.120-20-150	120	M20	192.5	32	150	20	3000
P2208.120-20-200	120	M20	242.5	32	200	20	3000
P2208.120-20-250	120	M20	292.5	32	250	20	3000
P2208.120-24-100	120	M24	142.5	32	100	24	3000
P2208.120-24-150	120	M24	192.5	32	150	24	3000
P2208.120-24-200	120	M24	242.5	32	200	24	3000
P2208.120-24-250	120	M24	292.5	32	250	24	3000
P2208.120-30-100	120	M30	143.5	32	100	30	3000
P2208.120-30-150	120	M30	193.5	32	150	30	3000
P2208.120-30-200	120	M30	243.5	32	200	30	3000
P2208.120-30-250	120	M30	293.5	32	250	30	3000

LEVELLING FEET



P2209



LEVELLING FEET

Material

Base material: galvanized steel (C40).
Full Steel base with vulcanized rubber.

half the screw height.

In conditions of vibrations or in presence of dynamic loads these values should be reduced.

Technical Notes

Load values refer to static loads, located at

Order No.	d ₁	d ₂	h ₁	h ₂	h ₃	l ₁	l ₂	A/F	Load kgf max.	Weight g
P2209.080-10-050	80	M10	85.0	35.0	25	50	54	14	1000	292
P2209.080-10-100	80	M10	135.0	35.0	25	100	54	14	1000	315
P2209.080-12-050	80	M12	85.0	35.0	25	50	54	14	1000	303
P2209.080-12-100	80	M12	135.0	35.0	25	100	54	14	1000	335
P2209.080-12-150	80	M12	185.0	35.0	25	150	54	14	1000	372
P2209.080-14-050	80	M14	85.0	35.0	25	50	54	14	1000	316
P2209.080-14-100	80	M14	135.0	35.0	25	100	54	14	1000	363
P2209.080-14-150	80	M14	185.0	35.0	25	150	54	14	1000	413
P2209.080-16-075	80	M16	110.0	35.0	25	75	54	16	1000	367
P2209.080-16-100	80	M16	135.0	35.0	25	100	54	16	1000	399
P2209.080-16-150	80	M16	185.0	35.0	25	150	54	16	1000	464
P2209.080-16-175	80	M16	235.0	35.0	25	200	54	16	1000	527
P2209.080-20-075	80	M20	111.0	36.0	25	75	54	20	1000	430
P2209.080-20-100	80	M20	136.0	36.0	25	100	54	20	1000	480
P2209.080-20-150	80	M20	186.0	36.0	25	150	54	20	1000	582
P2209.080-20-200	80	M20	236.0	36.0	25	200	54	20	1000	683
P2209.080-24-075	80	M24	111.0	36.0	25	75	54	24	1000	503
P2209.080-24-100	80	M24	136.0	36.0	25	100	54	24	1000	576
P2209.080-24-150	80	M24	186.0	36.0	25	150	54	24	1500	721
P2209.080-24-200	80	M24	236.0	36.0	25	200	54	24	1500	867
P2209.100-16-075	100	M16	112.5	37.5	28	75	69	16	1500	505
P2209.100-16-100	100	M16	137.5	37.5	28	100	69	16	1500	537
P2209.100-16-150	100	M16	187.5	37.5	28	150	69	16	1500	602
P2209.100-16-200	100	M16	237.5	37.5	28	200	69	16	1500	665
P2209.100-20-075	100	M20	113.5	38.5	28	75	69	20	1500	568
P2209.100-20-100	100	M20	138.5	38.5	28	100	69	20	1500	618
P2209.100-20-150	100	M20	188.5	38.5	28	150	69	20	1500	720
P2209.100-20-200	100	M20	238.5	38.5	28	200	69	20	1500	821
P2209.100-20-250	100	M20	288.5	38.5	28	250	69	20	1500	924
P2209.100-24-100	100	M24	138.5	38.5	28	100	69	24	1500	641
P2209.100-24-150	100	M24	188.5	38.5	28	150	69	24	1500	714



Steel Levelling Feet steel



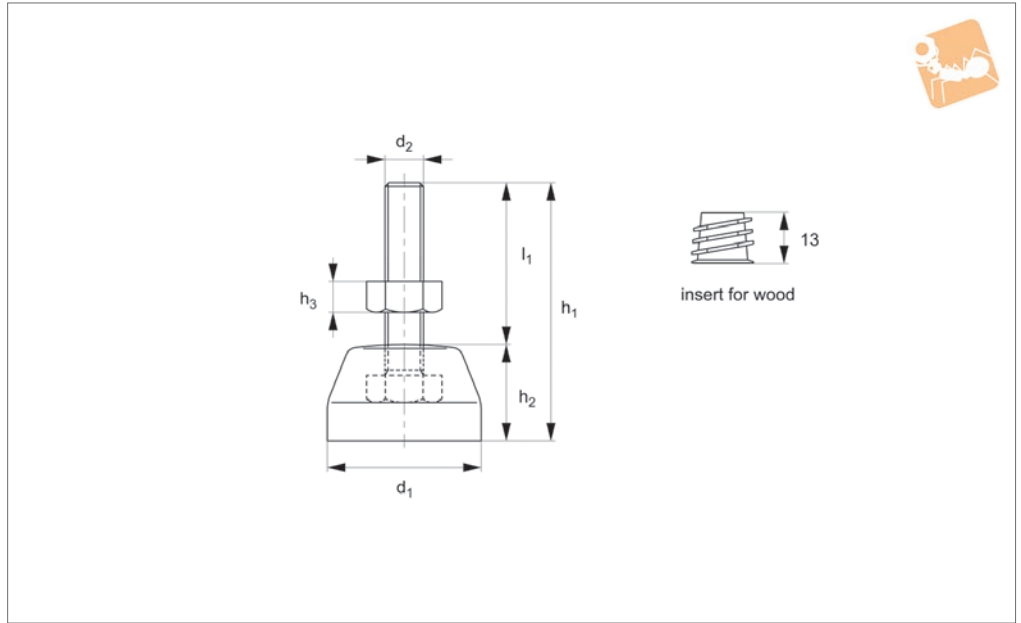
Levelling Feet

Order No.	d ₁	d ₂	h ₁	h ₂	h ₃	l ₁	l ₂	A/F	Load kgf max.	Weight g
P2209.100-24-200	100	M24	238.5	38.5	28	200	69	24	1500	859
P2209.100-24-250	100	M24	288.5	38.5	28	250	69	24	1500	1005
P2209.100-30-100	100	M30	139.5	39.5	28	100	69	30	1500	906
P2209.100-30-150	100	M30	189.5	39.5	28	150	69	30	1500	1139
P2209.100-30-200	100	M30	239.5	39.5	28	200	69	30	1500	1363
P2209.100-30-250	100	M30	289.5	39.5	28	250	69	30	1500	1593

LEVELLING FEET



P2217



Material

Thermoplastic elastomer base (grey TPE), stainless steel thread (AISI 304, 1.4301). Removable threaded insert for wood included: zinc die cast (ZDC).

Technical Notes

This levelling foot is ideal for widespread

applications involving both threaded materials and non-threaded materials (such as wood). For use with non-threaded materials, the optional threaded sheath can be inserted, allowing the levelling foot to be attached to non-threaded materials. The ridged TPE base provides this levelling

foot with excellent anti-slip and acoustic/vibration dampening properties. This product is ideal for medical, laboratory and educational settings and each unit has a maximum load of 15 kg.

Order No.	d ₁	d ₂	h ₁	h ₂	h ₃	l ₁	Load kg max.	Weight g
P2217.030-080-033	30	M 8	44	10.5	6	33.2	15	30
P2217.040-100-027	40	M10	40	13.0	6	27.0	15	50
P2217.040-100-037	40	M10	50	13.0	6	37.0	15	54
P2217.040-100-042	40	M10	67	25.0	8	42.0	15	74

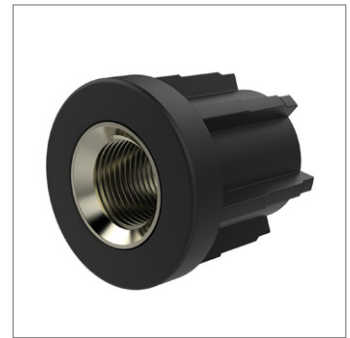
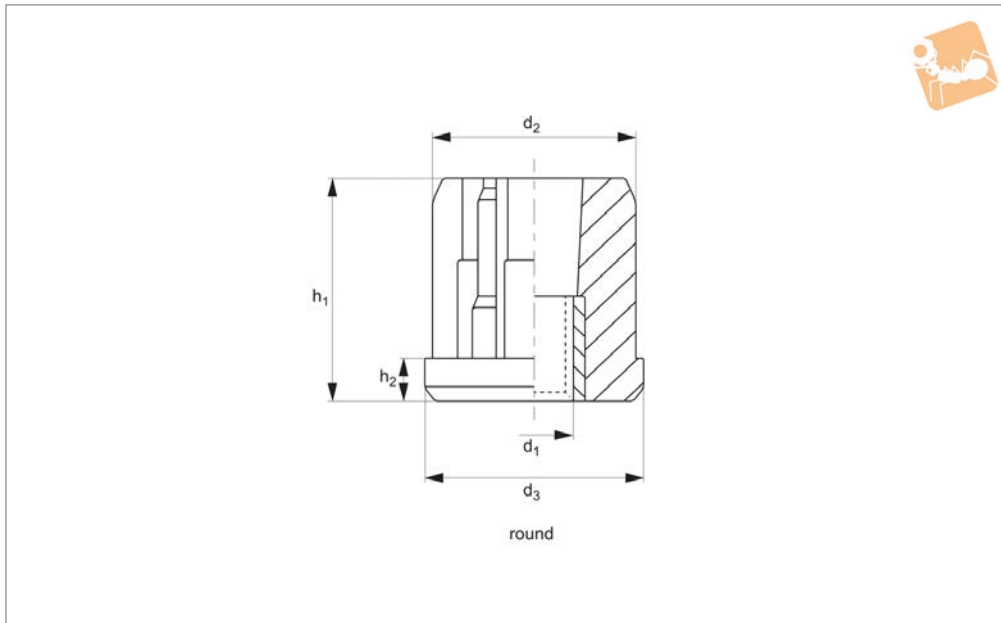


Threaded Plastic Insert - Round

with nickel plated brass bush



Levelling Feet



P2212.R

LEVELLING FEET

Material

Moulding: polyamide, reinforced with fiber glass.

Insert: nickel-plated brass.

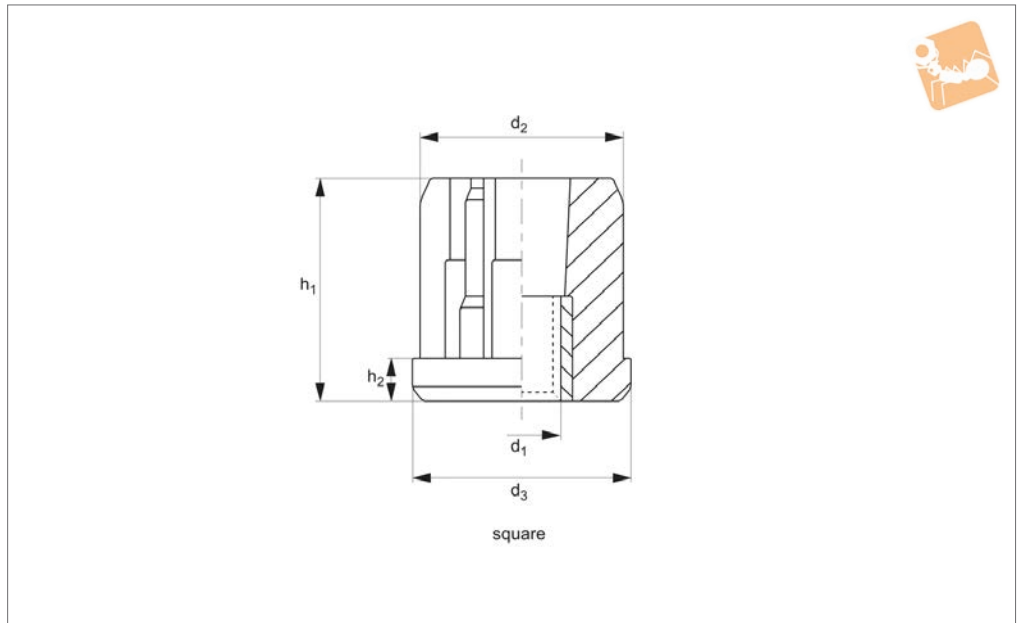
Notes -

Stainless steel inserts available on request.

Order No.	d ₁	d ₂	d ₃	h ₁	h ₂	Static load kN max.
P2212.30-28-R10	M10	28.5	30	35	6	3.2
P2212.30-28-R12	M12	28.5	30	35	6	3.2
P2212.30-28-R14	M14	28.5	30	35	6	3.2
P2212.30-28-R16	M16	28.5	30	35	6	3.2
P2212.38-35-R10	M10	35.5	38	43	8	5.5
P2212.38-35-R12	M12	35.5	38	43	8	5.5
P2212.38-35-R14	M14	35.5	38	43	8	5.5
P2212.38-35-R16	M16	35.5	38	43	8	5.5
P2212.42-39-R10	M10	39.5	42	42	8	6.5
P2212.42-39-R12	M12	39.5	42	42	8	6.5
P2212.42-39-R14	M14	39.5	42	42	8	6.5
P2212.42-39-R16	M16	39.5	42	42	8	6.5
P2212.42-39-R20	M20	39.5	42	42	8	6.5
P2212.48-45-R10	M10	45.5	48	49	11	8.0
P2212.48-45-R12	M12	45.5	48	49	11	8.0
P2212.48-45-R14	M14	45.5	48	49	11	8.0
P2212.48-45-R16	M16	45.5	48	49	11	8.0
P2212.48-45-R20	M20	45.5	48	49	11	8.0
P2212.50-47-R14	M14	47.5	50	49	11	8.5
P2212.50-47-R16	M16	47.5	50	49	11	8.5
P2212.50-47-R20	M20	47.5	50	49	11	8.5
P2212.60-57-R14	M14	57.5	60	50	12	10.0
P2212.60-57-R16	M16	57.5	60	50	12	10.0
P2212.60-57-R20	M20	57.5	60	50	12	10.0
P2212.60-57-R24	M24	57.5	60	50	12	10.0
P2212.60-56-R14	M14	56.5	60	50	12	10.0
P2212.60-56-R16	M16	56.5	60	50	12	10.0
P2212.60-56-R20	M20	56.5	60	50	12	10.0
P2212.60-56-R24	M24	56.5	60	50	12	10.0
P2212.60-55-R14	M14	55.5	60	50	12	10.0
P2212.60-55-R16	M16	55.5	60	50	12	10.0
P2212.60-55-R20	M20	55.5	60	50	12	10.0
P2212.60-55-R24	M24	55.5	60	50	12	10.0



P2212.S



Material

Moulding: polyamide, reinforced with fiber glass.

Insert: nickel-plated brass.

Stainless steel inserts available on request.

Notes -

Order No.	d ₁	d ₂	d ₃	h ₁	h ₂	Static load kN max.
P2212.30-27-S10	M10	27	30x30x1,5	33	6	5.5
P2212.30-27-S12	M12	27	30x30x1,5	33	6	5.5
P2212.30-27-S14	M14	27	30x30x1,5	33	6	5.5
P2212.30-27-S16	M16	27	30x30x1,5	33	6	5.5
P2212.35-32-S10	M10	32	35x35x1,5	43	8	7.0
P2212.35-32-S12	M12	32	35x35x1,5	43	8	7.0
P2212.35-32-S14	M14	32	35x35x1,5	43	8	7.0
P2212.35-32-S16	M16	32	35x35x1,5	43	8	7.0
P2212.40-37-S12	M12	37	40x40x1,5	43	8	8.0
P2212.40-37-S14	M14	37	40x40x1,5	43	8	8.0
P2212.40-37-S16	M16	37	40x40x1,5	43	8	8.0
P2212.40-37-S20	M20	37	40x40x1,5	43	8	8.0
P2212.40-36-S10	M10	36	40x40x2,0	43	8	8.0
P2212.40-36-S12	M12	36	40x40x2,0	43	8	8.0
P2212.40-36-S14	M14	36	40x40x2,0	43	8	8.0
P2212.40-36-S16	M16	36	40x40x2,0	43	8	8.0
P2212.40-36-S20	M20	36	40x40x2,0	43	8	8.0
P2212.50-47-S12	M12	47	50x50x1,5	55	10	9.5
P2212.50-47-S14	M14	47	50x50x1,5	55	10	9.5
P2212.50-47-S16	M16	47	50x50x1,5	55	10	9.5
P2212.50-47-S20	M20	47	50x50x1,5	55	10	9.5
P2212.50-45-S14	M14	45	50x50x2,0	55	10	9.5
P2212.50-45-S20	M20	45	50x50x2,0	55	10	9.5



Available materials

- CC	Chrome steel AISI 52100 Balls. Machined AISI 1016 steel housing, toughened & zinc plated
Solve specific application requirements by upgrading materials. Select option by adding suffix i.e. - CS	
- CS	Stainless Steel Balls (AISI 420) but other materials as Standard. Reduce load by 30%.
- SS	All parts in Stainless Steel - out housing AISI 416, Balls AISI 420. Reduce load by 30%.
- CD	Acetal (POM) main ball option - reduce load. See chart overleaf

Fixing clip selection

Part No.	Ball Size	Minimum Bore ϕ	Maximum Bore ϕ
P2730.015	15	24,8	25,0
P2730.022	22	37,0	37,2
P2730.030	30	46,3	46,7

Clip requires a minimum plate thickness of 3mm to grip securely

How to select the correct unit

Ball Type	Max Load (Kg)	Friction (% of load)	Speed m/sec	Shock Loads		Arduous Conditions	Orientation	Instant Change
				✓✓✓	✓✓			
Medium Duty	20-3500	2%	1,5	✓✓✓	✓✓	✓✓		✓✓✓
Light Duty	7-250	3%	1,0	✓		✓✓		✓✓✓

Variables to consider:



Shock Loads:

Standard material ball units have Rockwell 'C' hardness of 60 minimum



Track Hardness/ Conveyed Item Material:

Standard material ball units have Rockwell 'C' hardness of 60 minimum



Delicate Surfaces:

Ball Units - Acetal (POM) & Phenolic Resin

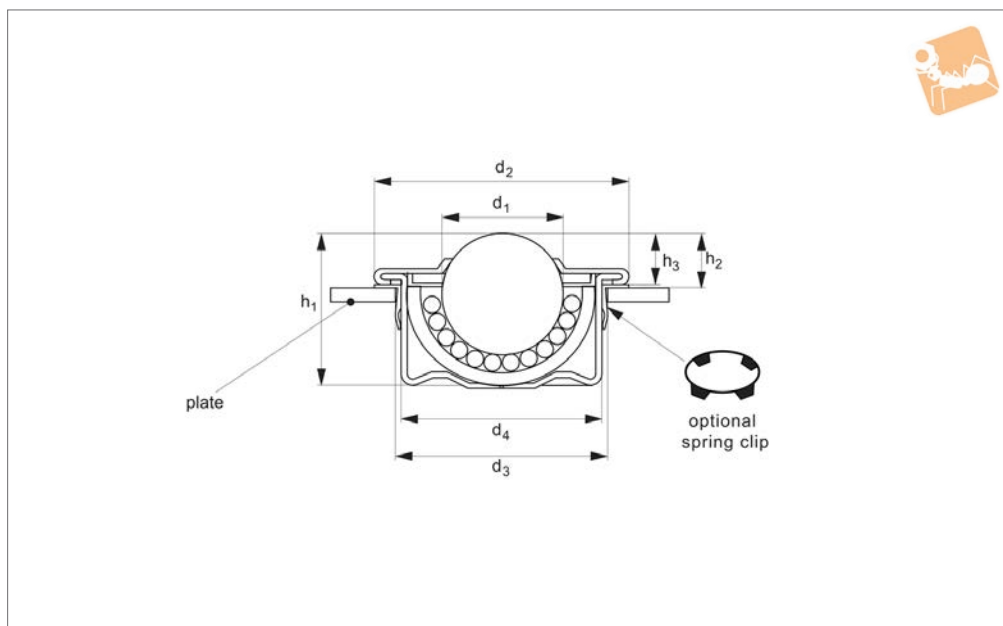


Operating Environment:

Wet, dirty, outdoor, radioactive



P2700.AV



Material

Steel (zinc plated), stainless steel (AISI 416 for housing and AISI 420 for balls) and acetal (POM).

Technical Notes

Cost-effective and light-weight units formed from sheet steel material. No reduction in load carrying capacity even

when installed upside down.

Sizes 22 and 30 have a felt seal for the ball. Low friction 1:0,03, speeds up to 1m/s. Temperature range -20°C to +70°C.

Tips

To compensate for irregular bore diameters we recommend using the spring clip (stainless) part no. P2730.

Clip requires a minimum plate thickness of 3mm to grip securely.

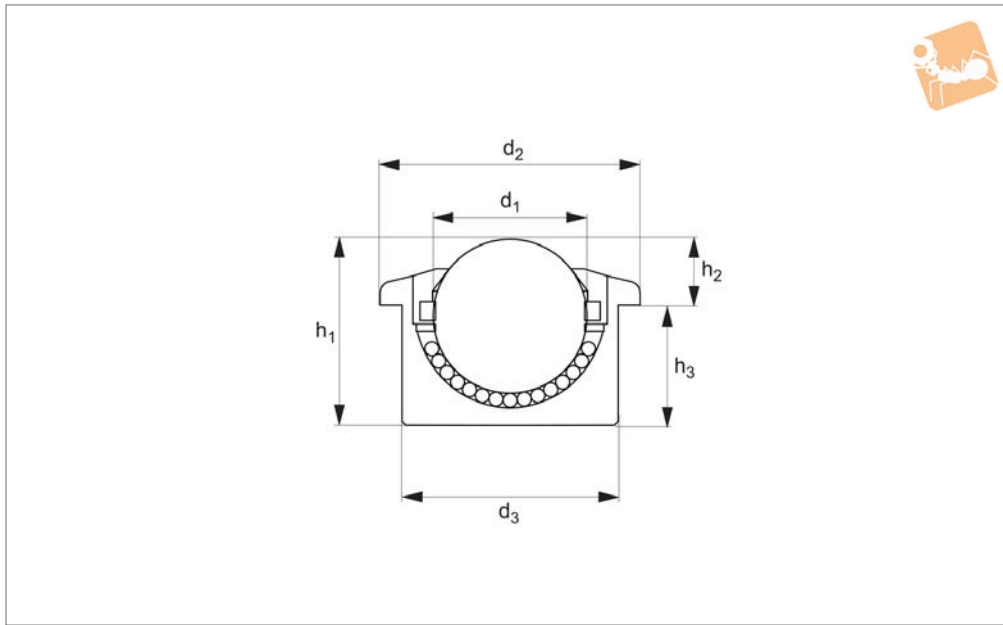
These rollers can only be used in the horizontal or „ball up“ direction.

Order No.	d ₁	d ₂	h ₁	h ₂	d ₃ min.	d ₃ max.	d ₄	h ₃	Housing	Ball	Load kg max.
P2700.150-CC	15	31	21	10.1	25	25.5	24	9.8	Steel	Steel	60
P2700.150-CS	15	31	21	10.1	25	25.5	24	9.8	Steel	Stainless	60
P2700.150-CA	15	31	21	10.1	25	25.5	24	9.8	Steel	Acetal	10
P2700.150-SS	15	31	21	10.1	25	25.5	24	9.8	Stainless	Stainless	40
P2700.220-CC	22	45	29.5	10.4	37.0	37.5	36	10.1	Steel	Steel	160
P2700.220-CS	22	45	29.5	10.4	37.0	37.5	36	10.1	Steel	Stainless	160
P2700.220-CA	22	45	29.5	10.4	37.0	37.5	36	10.1	Steel	Acetal	20
P2700.220-SS	22	45	29.5	10.4	37.0	37.5	36	10.1	Stainless	Stainless	90
P2700.300-CC	30	55	37	14.4	46	46.5	45	14.1	Steel	Steel	280
P2700.300-CS	30	55	37	14.4	46	46.5	45	14.1	Steel	Stainless	280
P2700.300-CA	30	55	37	14.4	46	46.5	45	14.1	Steel	Acetal	25
P2700.300-SS	30	55	37	14.4	46	46.5	45	14.1	Stainless	Stainless	200



Acetal Body Ball Transfer Units

light duty, acetal body



P2701

MATERIAL HANDLING

Material

Acetal (POM) housing with acetal or stainless (AISI 316) balls.

salt water and chemicals.

They are non-conductive and non-magnetic, low friction 1:0,03.

Tips

These rollers can only be used in the horizontal or „ball up“ direction.

Technical Notes

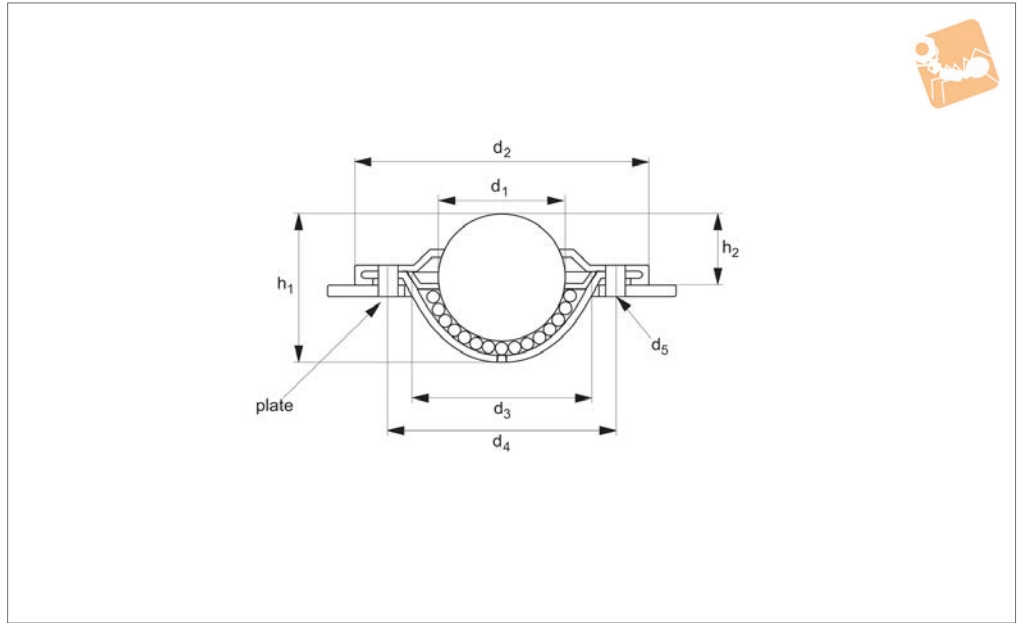
Push-fit units, these acetal units resist

Temperature range -20°C to $+70^{\circ}\text{C}$, speeds up to 1m/s.

Order No.	d_1	d_2	h_1	h_2	d_3	h_3	Housing	Ball
P2701.150-AS	15	31	21	9.5	24	11.5	Acetal	Stainless
P2701.150-AA	15	31	21	9.5	24	11.5	Acetal	Acetal
P2701.220-AS	22	45	30.5	9.8	36	20.7	Acetal	Stainless
P2701.220-AA	22	45	30.5	9.8	36	20.7	Acetal	Acetal
P2701.300-AS	30	55	37	13.8	45	23.2	Acetal	Stainless
P2701.300-AA	30	55	37	13.8	45	23.2	Acetal	Acetal
P2701.450-AS	45	75	53.5	19	62	34.5	Acetal	Stainless
P2701.450-AA	45	75	53.5	19	62	34.5	Acetal	Acetal



P2702



Material

Steel (AISI 1040 housing and AISI 52100 for balls), stainless steel (AISI 416 for housing and AISI 420 for balls) and acetal (POM).

Technical Notes

Cost-effective and light-weight units

formed from sheet steel material.

No reduction in load carrying capacity even when installed upside down.

Low friction 1:0,03, temperature range - 20°C to +70°C, speeds up to 1m/s.

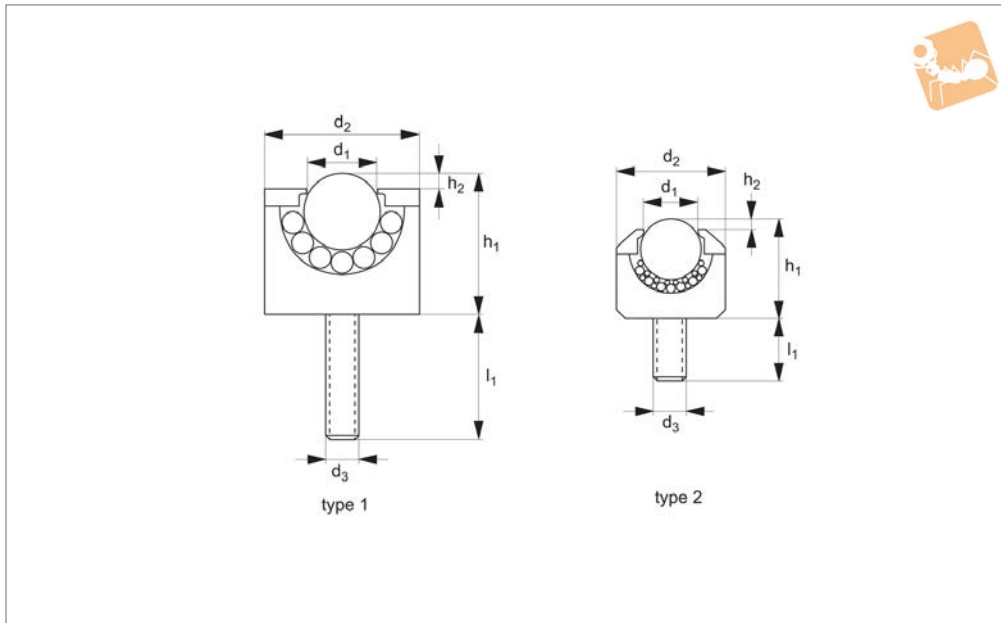
Tips

These rollers can only be used in the hori-

zontal or „ball up“ direction.

P2702.320-SS and P2702.330-SS have 7 large fluid drain holes & no felt seal.

Order No.	d ₁	d ₂	h ₁	h ₂	d ₃	d ₄	d ₅	Housing	Ball	Load kg max.
P2702.160-CC	15	41.0	19.3	10.8	24.0	30.0	2 x 3,4	Steel	Steel	15
P2702.160-CS	15	41.0	19.3	10.8	24.0	30.0	2 x 3,4	Steel	Stainless	10
P2702.160-CA	15	41.0	19.3	10.8	24.0	30.0	2 x 3,4	Steel	Acetal	10
P2702.220-CC	23	45.0	27.7	9.8	33.0	39.0	3 x 3,5	Steel	Steel	120
P2702.220-CA	23	45.0	27.7	9.8	33.0	39.0	3 x 3,5	Steel	Acetal	90
P2702.320-SS	32	73.7	36.1	16.2	45.5	58.7	2 x 5,5	Stainless	Stainless	125
P2702.250-CA	25	56.0	30.0	14.6	36.0	45.0	2 x 4,0	Steel	Acetal	22
P2702.330-SS	32	74.0	36.1	16.2	46.0	58.7	3 x 5,5	Stainless	Stainless	125
P2702.220-CS	23	45.0	27.7	9.8	33.0	39.0	3 x 3,5	Steel	Stainless	22
P2702.250-CC	25	56.0	30.0	14.6	36.0	45.0	2 x 4,0	Steel	Steel	60
P2702.250-CS	25	56.0	30.0	14.6	36.0	45.0	2 x 4,0	Steel	Stainless	40
P2702.250-SS	25	47.1	29.6	14.3	38.1	-	-	Stainless	Stainless	55



P2705

MATERIAL HANDLING

Material

Carbon steel, aluminium or stainless steel housing. Carbon steel or stainless steel balls.

amount of oil, to protect from oxidation.

Tips

Normally used in measuring equipment, small linear motion systems (e.g photocopy slides) and miniature mechanisms.

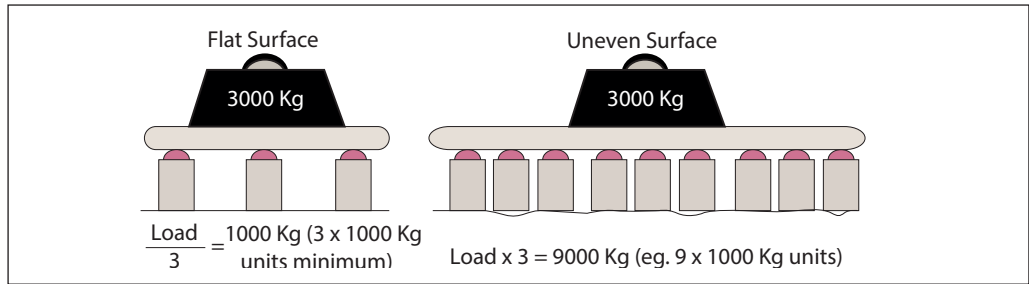
Technical Notes

All steel parts are supplied with a small

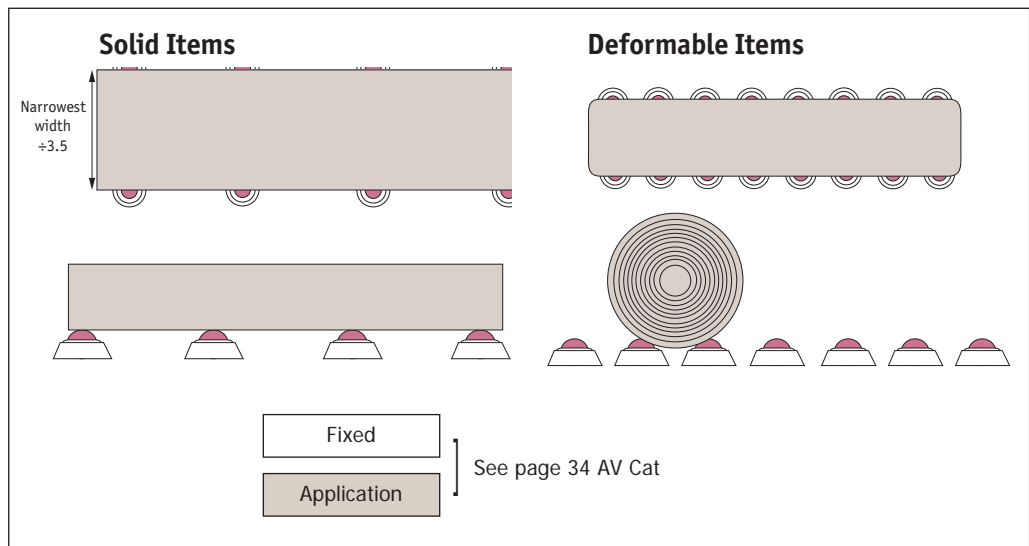
Order No.	Type	d ₁	d ₂	h ₁	h ₂	d ₃	l ₁	Housing	Ball	Load kg max.
P2705.050-CC	Type 1	4.8	13	9	1	M6	15	Steel	Steel	10
P2705.150-CC	Type 1	15.8	24	20.5	4	M6	12	Steel	Steel	70
P2705.150-SS	Type 1	15.8	24	20.5	4	M6	12	Stainless	Stainless	70
P2705.160-CC	Type 1	15.8	24	20.5	4	M6	12	Steel	Steel	70
P2705.160-SS	Type 1	15.8	24	20.5	4	M6	12	Stainless	Stainless	70
P2705.050-SS	Type 1	4.8	13	9	1	M6	15	Stainless	Stainless	10
P2705.050-AS	Type 2	4.8	8	6	1	M2	2.5	Aluminium	Stainless	5
P2705.060-SS	Type 1	6.4	17	11	2	M6	15	Steel	Steel	20
P2705.070-SS	Type 1	6.4	17	11	2	M6	15	Stainless	Stainless	20
P2705.060-AS	Type 2	6.4	13	10.5	2	M3	6	Aluminium	Stainless	15
P2705.080-CC	Type 1	7.9	18	14	2	M8	18	Steel	Steel	30
P2705.080-SS	Type 1	7.9	18	14	2	M8	18	Stainless	Stainless	30
P2705.090-AS	Type 2	7.9	15	12.5	2	M4	8	Aluminium	Stainless	20
P2705.100-CC	Type 1	9.6	23	20	2	M8	20	Steel	Steel	40
P2705.100-SS	Type 1	9.6	23	20	2	M8	20	Stainless	Stainless	40
P2705.130-CC	Type 1	12.7	28	25	3.5	M8	23	Steel	Steel	50
P2705.130-SS	Type 1	12.7	28	25	3.5	M8	23	Stainless	Stainless	50



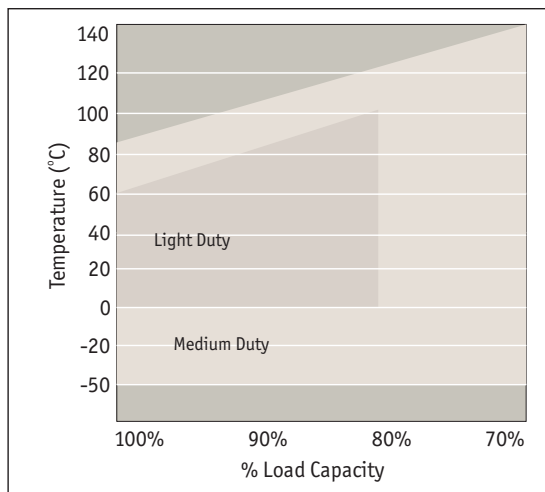
Load & Stability



Pitch & Spacing



Operating Temperature



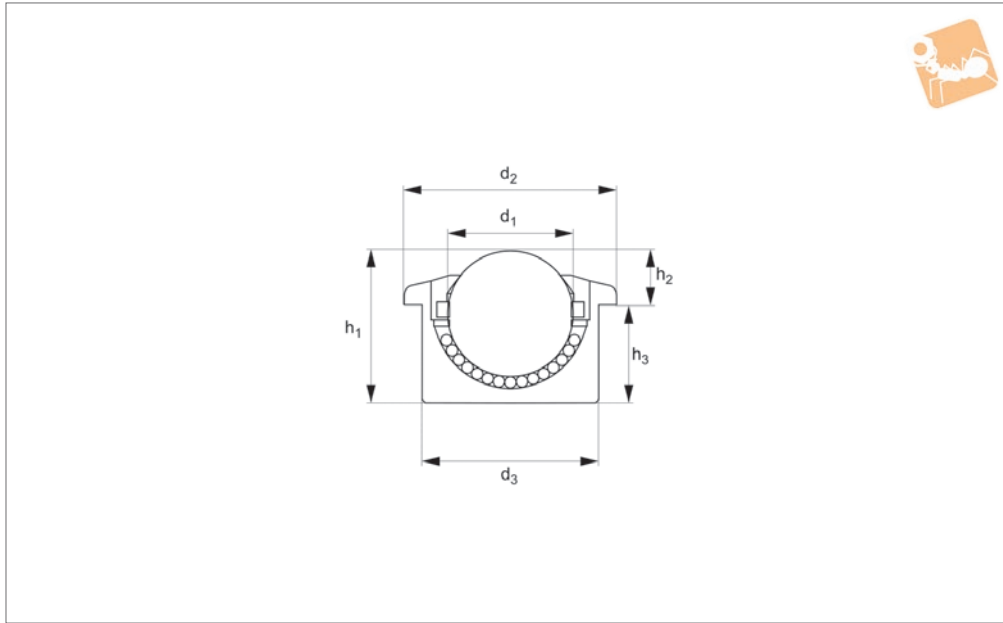
Ball Transfer Units from Automation Components

MATERIAL HANDLING



Push-Fit Ball Transfer Units

medium duty



P2710

MATERIAL HANDLING

Material

Steel (AISI 1040 housing and AISI 52100 for balls), stainless steel (AISI 416 for housing and AISI 420 for balls) and acetal (POM).

Technical Notes

These ball transfer units are made of a solid steel block

with a precision machined hemispherical carrying bowl. Top cover plates are shaped to ensure the perfect conveyance of items which have possible burred or bent edges. This design also prevents possible damage to the carrying ball. Provided with a hole in the base of the

bearing cup to dispose of particles of dirt and swarf (this may also be used for re-lubrication purposes).

Tips

These rollers can only be used in the horizontal or ball up direction.

Order No.	d ₁	d ₂	h ₁	h ₂	d ₃	h ₃	Housing	Ball	Load kg max.
P2710.450-CS	45	75	53.5	19.0	62	34.5	Steel	Stainless	600
P2710.300-CS	30	55	36.8	13.8	45	23.0	Steel	Stainless	350
P2710.250-CS	25	46	30.5	13.0	38	17.5	Steel	Stainless	140
P2710.220-CS	22	45	30.5	9.8	36	20.7	Steel	Stainless	180
P2710.150-CS	15	30	20	8.1	24	11.9	Steel	Stainless	50
P2710.120-CS	12	27	16.7	8.0	22	8.7	Steel	Stainless	20
P2710.120-CC	12	27	16.7	8.0	22	8.7	Steel	Steel	25
P2710.120-CA	12	27	16.7	8.0	22	8.7	Steel	Acetal	5
P2710.120-SS	12	27	16.7	8.0	22	8.7	Stainless	Stainless	20
P2710.150-CC	15	30	20	8.1	24	11.9	Steel	Steel	60
P2710.150-CA	15	30	20	8.1	24	11.9	Steel	Acetal	10
P2710.150-SS	15	30	20	8.1	24	11.9	Stainless	Stainless	40
P2710.160-CC	15	31	21	9.5	24	11.5	Steel	Steel	60
P2710.160-CA	15	31	21	9.5	24	11.5	Steel	Acetal	10
P2710.160-CS	15	31	21	9.5	24	11.5	Steel	Acetal	50
P2710.160-SS	15	31	21	9.5	24	11.5	Stainless	Stainless	40
P2710.220-CC	22	45	30.5	9.8	36	20.7	Steel	Steel	180
P2710.220-CA	22	45	30.5	9.8	36	20.7	Steel	Acetal	20
P2710.220-SS	22	45	30.5	9.8	36	20.7	Stainless	Stainless	126
P2710.250-CC	25	46	30.5	13.0	38	17.5	Steel	Steel	200
P2710.250-CA	25	46	30.5	13.0	38	17.5	Steel	Acetal	25
P2710.250-SS	25	46	30.5	13.0	38	17.5	Stainless	Stainless	140
P2710.300-CC	30	55	36.8	13.8	45	23.0	Steel	Steel	350
P2710.300-CA	30	55	36.8	13.8	45	23.0	Steel	Acetal	25
P2710.300-SS	30	55	36.8	13.8	45	23.0	Stainless	Stainless	220
P2710.450-CC	45	75	53.5	19.0	62	34.5	Steel	Steel	600
P2710.450-CA	45	75	53.5	19.0	62	34.5	Steel	Acetal	25
P2710.450-SS	45	75	53.5	19.0	62	34.5	Stainless	Stainless	350



Order No.	d ₁	d ₂	h ₁	h ₂	d ₃	h ₃	Housing	Ball	Load kg max.
P2710.600-CC	60	117	77.5	30.0	100	47.5	Steel	Steel	1500
P2710.600-CA	60	117	77.5	30.0	100	47.5	Steel	Acetal	35
P2710.600-SS	60	117	77.5	30.0	100	47.5	Stainless	Stainless	1050

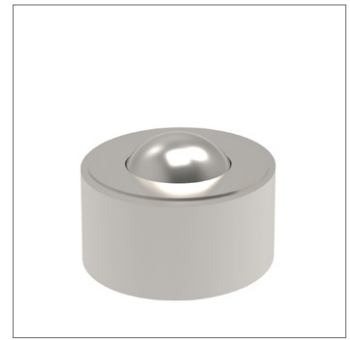
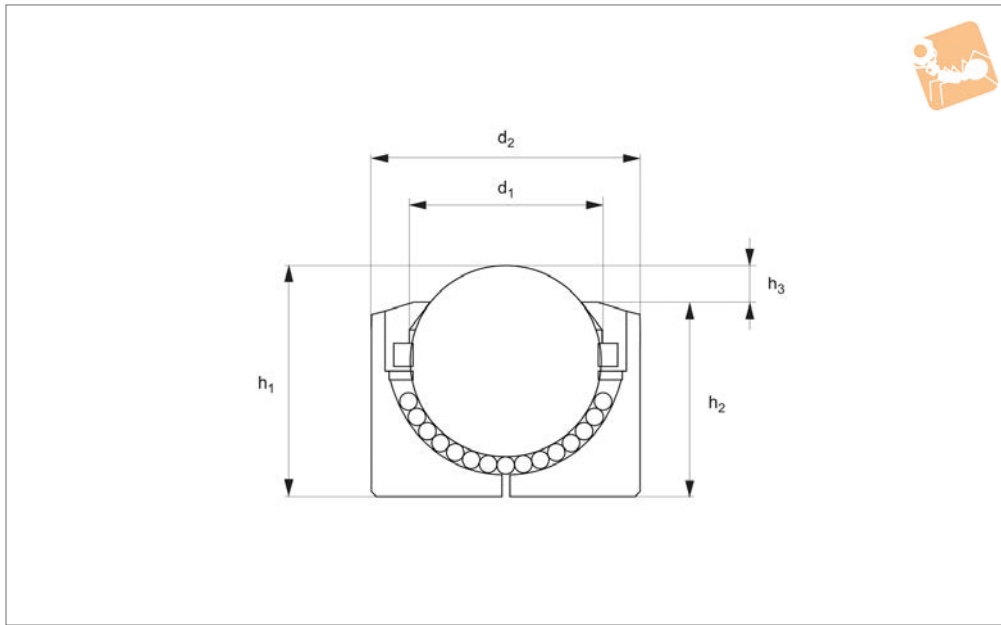


Plain-Fit Ball Transfer Units

medium duty



Material Handling



P2711

MATERIAL HANDLING

Material

Steel (AISI 1040 housing and AISI 52100 for balls), stainless steel (AISI 416 for housing and AISI 420 for balls) and acetal (POM).

Technical Notes

These ball transfer units are made of a solid steel block with a precision machined hemispherical carrying bowl.

Top cover plates are shaped to ensure the perfect conveyance of items which have possible burred or bent edges. This design also prevents possible damage to the carrying ball.

Provided with a hole in the base of the bearing cup to dispose of particles of dirt and swarf (this may also be used for re-lubrication purposes).

Manufactured without a flange on the housing, therefore the whole load is being supported only by the bottom face of the unit.

Tips

These rollers can only be used in the horizontal or „ball up“ direction.

Order No.	d_1	d_2	h_1	h_2	h_3	Housing	Ball	Load kg max.
P2711.080-CC	8	18	12.0	10.0	2.0	Steel	Steel	13
P2711.080-CS	8	18	12.0	10.0	2.0	Steel	Stainless	10
P2711.080-SS	8	18	12.0	10.0	2.0	Stainless	Stainless	8.4
P2711.120-CS	12	20	16.5	13.5	3.0	Steel	Stainless	20
P2711.150-CS	15	24	20.0	15.0	5.0	Steel	Stainless	50
P2711.220-CS	22	36	30.5	27.9	4.5	Steel	Stainless	180
P2711.300-CS	30	45	36.8	30.3	6.5	Steel	Stainless	350
P2711.450-CS	45	62	53.5	45.0	8.5	Steel	Stainless	600
P2711.600-CS	60	100	77.5	61	16.5	Steel	Stainless	1100
P2711.120-CC	12	20	16.5	13.5	3.0	Steel	Steel	25
P2711.120-CA	12	20	16.5	13.5	3.0	Steel	Acetal	5
P2711.120-SS	12	20	16.5	13.5	3.0	Stainless	Stainless	14
P2711.150-CC	15	24	20.0	15.0	5.0	Steel	Steel	60
P2711.150-CA	15	24	20.0	15.0	5.0	Steel	Acetal	10
P2711.150-SS	15	24	20.0	15.0	5.0	Stainless	Stainless	40
P2711.220-CC	22	36	30.5	27.9	4.5	Steel	Steel	180
P2711.220-CA	22	36	30.5	27.9	4.5	Steel	Acetal	20
P2711.220-SS	22	36	30.5	27.9	2.6	Stainless	Stainless	125
P2711.300-CC	30	45	36.8	30.3	6.5	Steel	Steel	350
P2711.300-CA	30	45	36.8	30.3	6.5	Steel	Acetal	25
P2711.300-SS	30	45	36.8	30.3	6.5	Stainless	Stainless	245
P2711.450-CC	45	62	53.5	45.0	8.5	Steel	Steel	600
P2711.450-CA	45	62	53.5	45.0	8.5	Steel	Acetal	25
P2711.450-SS	45	62	53.5	45.0	8.5	Stainless	Stainless	420
P2711.600-CC	60	100	77.5	61	16.5	Steel	Steel	1500

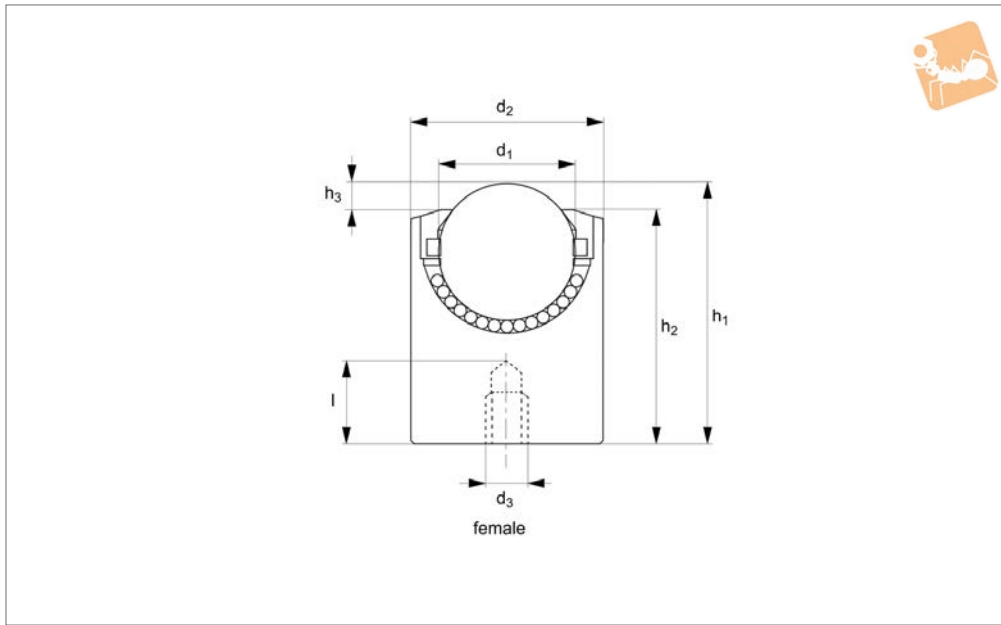


Order No.	d ₁	d ₂	h ₁	h ₂	h ₃	Housing	Ball	Load kg max.
P2711.600-CA	60	100	77.5	61	16.5	Steel	Acetal	35
P2711.600-SS	60	100	77.5	61	16.5	Stainless	Stainless	1000



Threaded Ball Transfer Units

medium duty, female



P2712

MATERIAL HANDLING

Material

Steel (AISI 1040 housing and AISI 52100 for balls), stainless steel (AISI 416 for housing and AISI 420 for balls) and acetal (POM).

Technical Notes

These ball transfer units are made of a solid steel block with a precision machined hemispherical

carrying bowl.

Top cover plates are shaped to ensure the perfect conveyance of items which have possible burred or bent edges. This design also prevents possible damage to the carrying ball.

Provided with a hole in the base of the bearing cup to dispose of particles of dirt and swarf

(this may also be used for re-lubrication purposes).

Manufactured without a flange on the housing, therefore the whole load is being supported only by the bottom face of the unit.

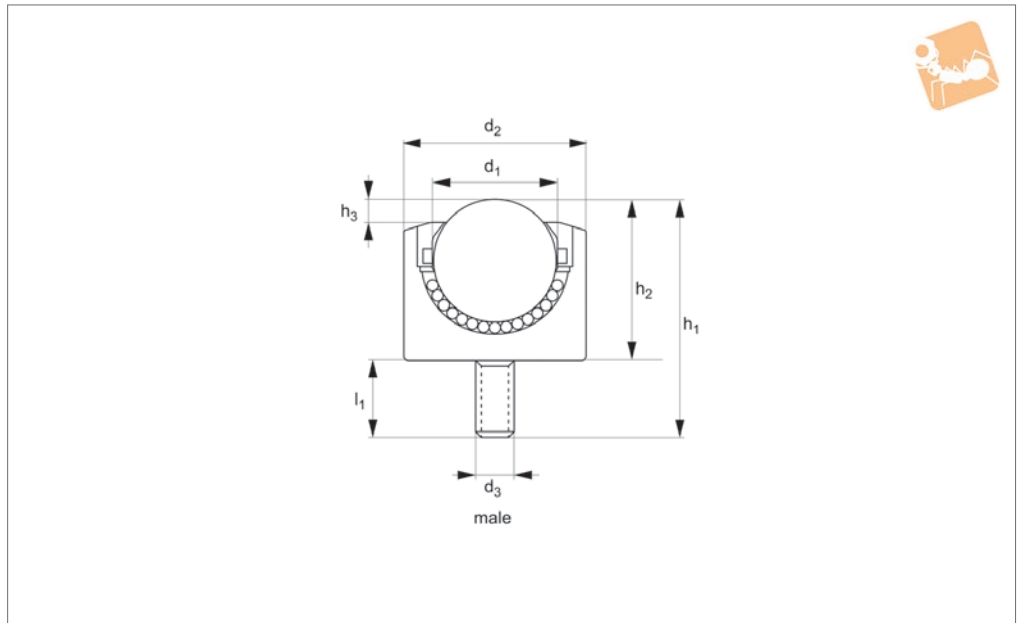
Tips

For male version see P2713.

Order No.	Type	d ₁	d ₂	h ₁	h ₂	d ₃	h ₃	l ₁	Housing	Ball	Load kg max.
P2712.120-CC	Female	12	22	24.0	20.5	M8	3.5	5	Steel	Steel	25
P2712.120-CA	Female	12	22	24.0	20.5	M8	3.5	5	Steel	Acetal	5
P2712.120-SS	Female	12	22	24.0	20.5	M8	3.5	5	Stainless	Stainless	17
P2712.120-CS	Female	12	22	24.0	20.5	M8	3.5	5	Steel	Stainless	20
P2712.220-CS	Female	22	36	40.5	34	M8	4.5	10	Steel	Stainless	180
P2712.450-CS	Female	45	62	63.5	50.5	M8	13.0	10	Steel	Stainless	600
P2712.300-CS	Female	30	45	46.8	38.8	M8	8.0	10	Steel	Stainless	350
P2712.150-CS	Female	15	24	28.0	23	M8	5.0	8	Steel	Stainless	50
P2712.150-CC	Female	15	24	28.0	23	M8	5.0	8	Steel	Steel	60
P2712.150-CA	Female	15	24	28.0	23	M8	5.0	8	Steel	Acetal	10
P2712.150-SS	Female	15	24	28.0	23	M8	5.0	8	Stainless	Stainless	40
P2712.220-CC	Female	22	36	40.5	34	M8	4.5	10	Steel	Steel	180
P2712.220-CA	Female	22	36	40.5	34	M8	4.5	10	Steel	Acetal	20
P2712.220-SS	Female	22	36	40.5	34	M8	4.5	10	Stainless	Stainless	126
P2712.300-CC	Female	30	45	46.8	38.8	M8	8.0	10	Steel	Steel	350
P2712.300-CA	Female	30	45	46.8	38.8	M8	8.0	10	Steel	Acetal	25
P2712.300-SS	Female	30	45	46.8	38.8	M8	8.0	10	Stainless	Stainless	245
P2712.450-CC	Female	45	62	63.5	50.5	M8	13.0	10	Steel	Steel	600
P2712.450-CA	Female	45	62	63.5	50.5	M8	13.0	10	Steel	Acetal	25
P2712.450-SS	Female	45	62	63.5	50.5	M8	13.0	10	Stainless	Stainless	420



P2713



Material

Steel (AISI 1040 housing and AISI 52100 for balls), stainless steel (AISI 416 for housing and AISI 420 for balls) and acetal (POM).

Technical Notes

These ball transfer units are made of a solid steel block with a precision machined hemispherical

carrying bowl.

Top cover plates are shaped to ensure the perfect conveyance of items which have possible burred or bent edges. This design also prevents possible damage to the carrying ball.

Provided with a hole in the base of the bearing cup to dispose of particles of dirt and swarf

(this may also be used for re-lubrication purposes).

Manufactured without a flange on the housing, therefore the whole load is being supported only by the bottom face of the unit.

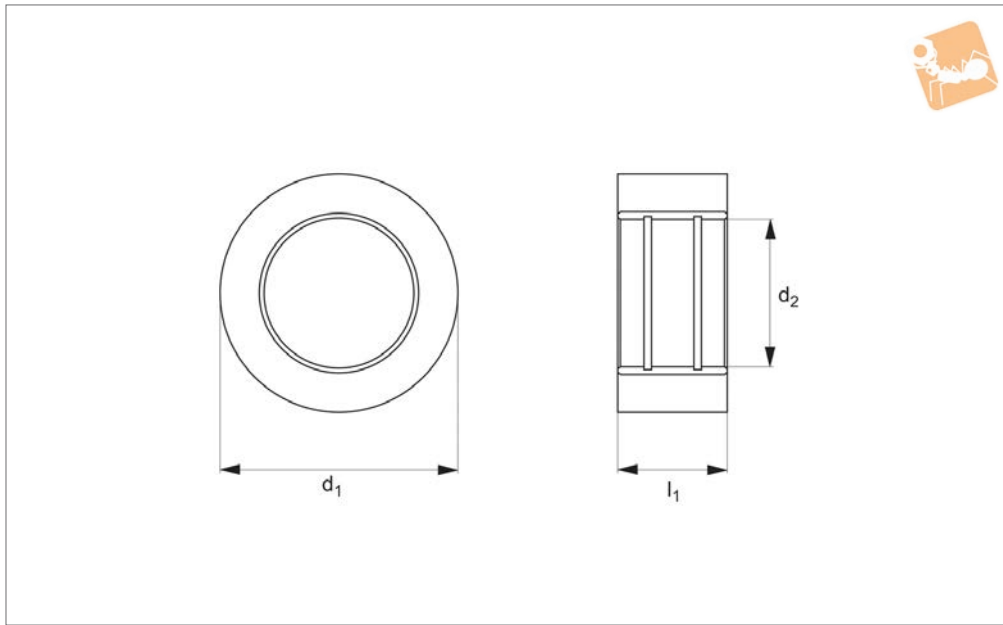
Tips

For female version see P2712.

Order No.	Type	d ₁	d ₂	h ₁	h ₂	d ₃	h ₃	l ₁	Housing	Ball	Load kg max.
P2713.220-CS	Male	22	36	62.9	37.5	M12	4.5	25.4	Steel	Stainless	126
P2713.450-CS	Male	45	62	107.3	66.0	M20	8.5	41.3	Steel	Stainless	420
P2713.300-CS	Male	30	45	69.2	43.8	M12	6.5	25.4	Steel	Stainless	245
P2713.150-CS	Male	15	24	32.5	20.5	M6	3.9	12.0	Steel	Stainless	35
P2713.120-CS	Male	12	20	29.8	17.8	M8	3.0	12.0	Steel	Stainless	14
P2713.120-CC	Male	12	20	29.8	17.8	M8	3.0	12.0	Steel	Steel	20
P2713.120-CA	Male	12	20	29.8	17.8	M8	3.0	12.0	Steel	Acetal	4
P2713.120-SS	Male	12	20	29.8	17.8	M8	3.0	12.0	Stainless	Stainless	14
P2713.150-CC	Male	15	24	32.5	20.5	M6	3.9	12.0	Steel	Steel	50
P2713.150-CA	Male	15	24	32.5	20.5	M6	3.9	12.0	Steel	Acetal	10
P2713.150-SS	Male	15	24	32.5	20.5	M6	3.9	12.0	Stainless	Stainless	30
P2713.220-CC	Male	22	36	62.9	37.5	M12	4.5	25.4	Steel	Steel	180
P2713.220-CA	Male	22	36	62.9	37.5	M12	4.5	25.4	Steel	Acetal	20
P2713.220-SS	Male	22	36	62.9	37.5	M12	4.5	25.4	Stainless	Stainless	126
P2713.300-CC	Male	30	45	69.2	43.8	M12	6.5	25.4	Steel	Steel	350
P2713.300-CA	Male	30	45	69.2	43.8	M12	6.5	25.4	Steel	Acetal	210
P2713.300-SS	Male	30	45	69.2	43.8	M12	6.5	25.4	Stainless	Stainless	245
P2713.450-CC	Male	45	62	107.3	66.0	M20	8.5	41.3	Steel	Steel	600
P2713.450-CA	Male	45	62	107.3	66.0	M20	8.5	41.3	Steel	Acetal	35
P2713.450-SS	Male	45	62	107.3	66.0	M20	8.5	41.3	Stainless	Stainless	420



Solid Roller roller only



P2750

MATERIAL HANDLING

Material

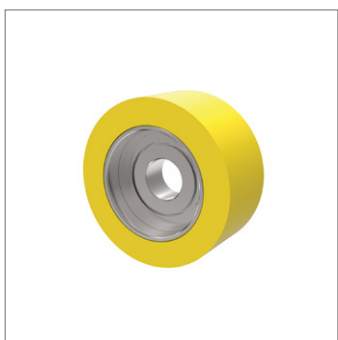
Nitrile, urethane or neoprene bonded to a steel insert.

Hardness from 20-80 durometer (Shore A).

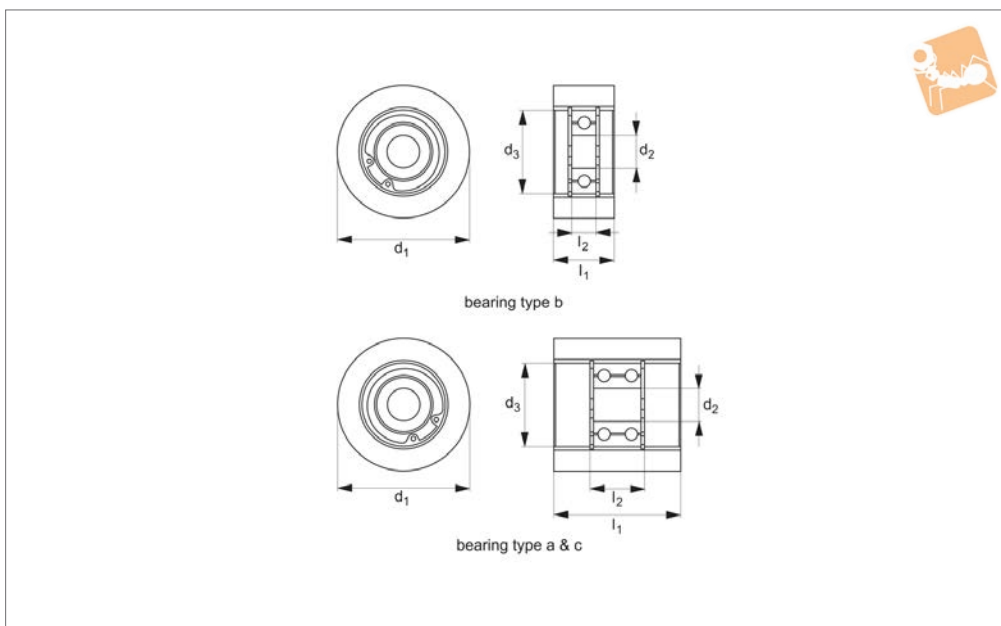
Technical Notes

Roller only - allows for custom mounting.

Order No.	Type	Durometer	d ₁	l ₁	d ₂ min. max.
P2750.20B20NI	Nitrile	20	50,8 (2")	23,37 (0.92")	22,23 (1-1/8")
P2750.20B60NI	Nitrile	60	50,8 (2")	23,37 (0.92")	22,23 (1-1/8")
P2750.20C20NI	Nitrile	20	50,8 (2")	49,28 (1.94")	22,23 (1-1/8")
P2750.20C60NI	Nitrile	60	50,8 (2")	49,28 (1.94")	22,23 (1-1/8")
P2750.20D20NI	Nitrile	20	50,8 (2")	49,28 (1.94")	19,05 (1-1/4")
P2750.20D60NI	Nitrile	60	50,8 (2")	49,28 (1.94")	19,05 (1-1/4")
P2750.25A20NI	Nitrile	20	63,5 (2.5")	23,37 (0.92")	19,05 (1-1/4")
P2750.25A60NI	Nitrile	60	63,5 (2.5")	23,37 (0.92")	19,05 (1-1/4")
P2750.20B35UR	Urethane	35	50,8 (2")	23,37 (0.92")	22,23 (1-1/8")
P2750.20B80UR	Urethane	80	50,8 (2")	23,37 (0.92")	22,23 (1-1/8")
P2750.20D35UR	Urethane	35	50,8 (2")	49,28 (1.94")	19,05 (1-1/4")
P2750.20D80UR	Urethane	80	50,8 (2")	49,28 (1.94")	19,05 (1-1/4")
P2750.25A60UR	Urethane	60	63,5 (2.5")	23,37 (0.92")	19,05 (1-1/4")
P2750.20B20NP	Neoprene	20	50,8 (2")	23,37 (0.92")	19,05 (1-1/4")
P2750.20B60NP	Neoprene	60	50,8 (2")	23,37 (0.92")	22,23 (1-1/8")
P2750.20C20NP	Neoprene	20	50,8 (2")	49,28 (1.94")	22,23 (1-1/8")
P2750.20C60NP	Neoprene	60	50,8 (2")	49,28 (1.94")	22,23 (1-1/8")
P2750.20D20NP	Neoprene	20	50,8 (2")	49,28 (1.94")	19,05 (1-1/4")
P2750.20D60NP	Neoprene	60	50,8 (2")	49,28 (1.94")	19,05 (1-1/4")
P2750.25A20NP	Neoprene	20	63,5 (2.5")	23,37 (0.92")	19,05 (1-1/4")
P2750.25A60NP	Neoprene	60	63,5 (2.5")	23,37 (0.92")	19,05 (1-1/4")



P2752



Material

Nitrile, urethane or neoprene bonded to a steel insert.

Hardness from 20-80 durometer (Shore A).

Technical Notes

Bearings included (held in place with snap rings). For more details on bearings please

see technical pages.

Tolerances:

When $d_1=38,10$

$d_2 \pm 0.05$

$d_3 \pm 0.07$

$l_2 \pm 0.05$

When $d_1 > 38,10$

$d_2 \pm 0,065$

$d_3 \pm 0,065$

$l_2 \pm 0,08$

Order No.	Material	Durometer	d_1	l_1	d_2	d_3	l_2	Bearing type
P2752.15A20NI	Nitrile	20	38,1 (1,5")	31.75	8.0	22.16	12.70	A
P2752.15A60NI	Nitrile	60	38,1 (1,5")	31.75	8.0	22.16	12.70	A
P2752.15A80NI	Nitrile	80	38,1 (1,5")	31.75	8.0	22.16	12.70	A
P2752.20A35NI	Nitrile	20	50,8 (2,0")	23.37	12.77	31.69	9.52	B
P2752.20A35NI	Nitrile	35	50,8 (2,0")	23.37	12.77	31.69	9.52	B
P2752.20B20NI	Nitrile	20	50,8 (2,0")	49.28	12.77	31.69	19.05	C
P2752.20B80NI	Nitrile	80	50,8 (2,0")	49.28	12.77	31.69	19.05	C
P2752.25A20NI	Nitrile	20	63,5 (2,5")	23.37	12.77	31.69	9.52	C
P2752.25A35NI	Nitrile	35	63,5 (2,5")	23.37	12.77	31.69	9.52	C
P2752.25A60NI	Nitrile	60	63,5 (2,5")	23.37	12.77	31.69	9.52	C
P2752.25A80NI	Nitrile	80	63,5 (2,5")	23.37	12.77	31.69	9.52	C
P2752.25B20NI	Nitrile	20	63,5 (2,5")	49.28	12.77	31.69	19.05	C
P2752.25B35NI	Nitrile	35	63,5 (2,5")	49.28	12.77	31.69	19.05	C
P2752.25B60NI	Nitrile	60	63,5 (2,5")	49.28	12.77	31.69	19.05	C
P2752.25B80NI	Nitrile	80	63,5 (2,5")	49.28	12.77	31.69	19.05	C
P2752.40A20NI	Nitrile	20	101,6 (4,0")	23.37	12.77	31.69	9.52	B
P2752.40A35NI	Nitrile	35	101,6 (4,0")	23.37	12.77	31.69	9.52	B
P2752.40A60NI	Nitrile	60	101,6 (4,0")	23.37	12.77	31.69	9.52	B
P2752.40A80NI	Nitrile	80	101,6 (4,0")	23.37	12.77	31.69	9.52	B
P2752.40B20NI	Nitrile	20	101,6 (4,0")	49.28	12.77	31.69	19.05	C
P2752.40B35NI	Nitrile	35	101,6 (4,0")	49.28	12.77	31.69	19.05	C
P2752.40B60NI	Nitrile	60	101,6 (4,0")	49.28	12.77	31.69	19.05	C
P2752.40B80NI	Nitrile	80	101,6 (4,0")	49.28	12.77	31.69	19.05	C
P2752.15A35UR	Urethane	35	38,1 (1,5")	31.75	8.0	22.16	12.70	A
P2752.15A80UR	Urethane	80	38,1 (1,5")	31.75	8.0	22.16	12.70	A
P2752.20A35UR	Urethane	35	50,8 (2,0")	23.37	12.77	31.69	9.52	B
P2752.20A60UR	Urethane	60	50,8 (2,0")	23.37	12.77	31.69	9.52	B
P2752.20A80UR	Urethane	80	50,8 (2,0")	23.37	12.77	31.69	9.52	B
P2752.25A35UR	Urethane	35	63,5 (2,5")	23.37	12.77	31.69	9.52	C
P2752.25A60UR	Urethane	60	63,5 (2,5")	23.37	12.77	31.69	9.52	C
P2752.25A80UR	Urethane	80	63,5 (2,5")	23.37	12.77	31.69	9.52	C



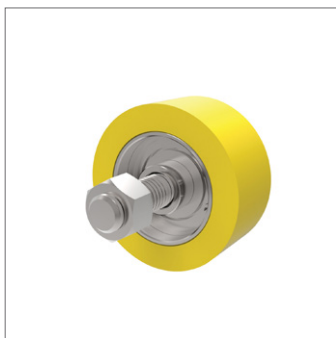
Solid Roller bearing mount



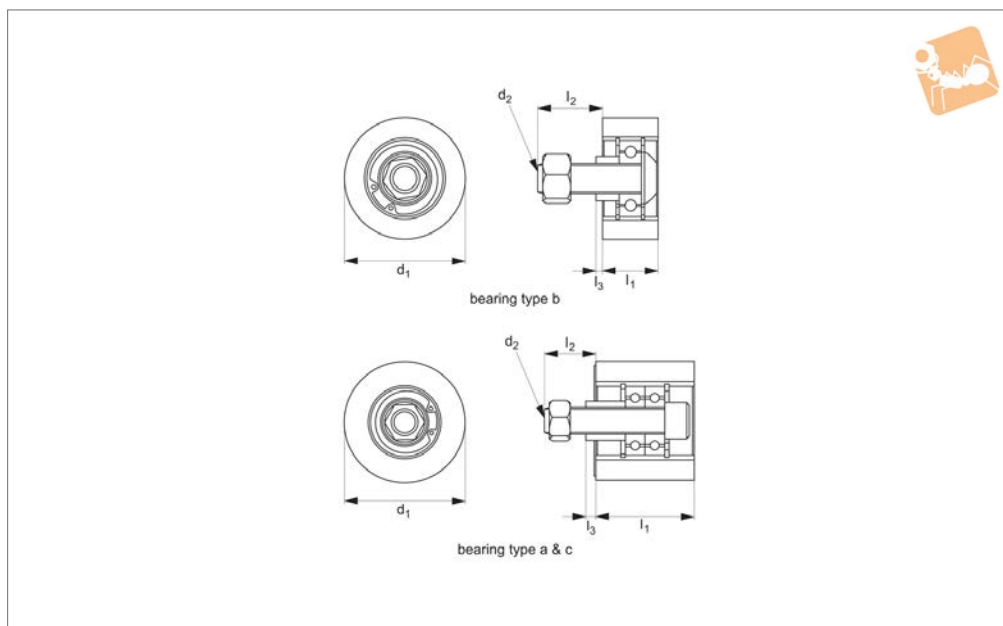
Material Hand-
ling

Order No.	Material	Durometer	d ₁	l ₁	d ₂	d ₃	l ₂	Bearing type
P2752.25B35UR	Urethane	35	63,5 (2,5")	49.28	12.77	31.69	19.05	C
P2752.25B60UR	Urethane	60	63,5 (2,5")	49.28	12.77	31.69	19.05	C
P2752.40A35UR	Urethane	35	101,6 (4,0")	23.37	12.77	31.69	9.52	B
P2752.40A60UR	Urethane	60	101,6 (4,0")	23.37	12.77	31.69	9.52	B
P2752.40A80UR	Urethane	80	101,6 (4,0")	23.37	12.77	31.69	9.52	B
P2752.40B35UR	Urethane	35	101,6 (4,0")	49.28	12.77	31.69	19.05	C
P2752.40B60UR	Urethane	60	101,6 (4,0")	49.28	12.77	31.69	19.05	C
P2752.40B80UR	Urethane	80	101,6 (4,0")	49.28	12.77	31.69	19.05	C
P2752.50A35UR	Urethane	35	127,0 (5,0")	49.28	12.77	31.69	19.05	C
P2752.50A60UR	Urethane	60	127,0 (5,0")	49.28	12.77	31.69	19.05	C
P2752.60A60UR	Urethane	60	152,4 (6,0")	49.28	12.77	31.69	19.05	C
P2752.15A20NP	Neoprene	20	38,1 (1,5")	31.75	8.0	22.16	12.70	A
P2752.15A35NP	Neoprene	35	38,1 (1,5")	31.75	8.0	22.16	12.70	A
P2752.15A60NP	Neoprene	60	38,1 (1,5")	31.75	8.0	22.16	12.70	A
P2752.20B35NP	Neoprene	35	50,8 (2,0")	49.28	12.77	31.69	19.05	C
P2752.20B80NP	Neoprene	80	50,8 (2,0")	49.28	12.77	31.69	19.05	C
P2752.25A20NP	Neoprene	20	63,5 (2,5")	23.37	12.77	31.69	9.52	C
P2752.25A35NP	Neoprene	35	63,5 (2,5")	23.37	12.77	31.69	9.52	C
P2752.25A60NP	Neoprene	60	63,5 (2,5")	23.37	12.77	31.69	9.52	C
P2752.25A80NP	Neoprene	80	63,5 (2,5")	23.37	12.77	31.69	9.52	C
P2752.25B20NP	Neoprene	20	63,5 (2,5")	49.28	12.77	31.69	19.05	C
P2752.25B35NP	Neoprene	35	63,5 (2,5")	49.28	12.77	31.69	19.05	C
P2752.25B60NP	Neoprene	60	63,5 (2,5")	49.28	12.77	31.69	19.05	C
P2752.25B80NP	Neoprene	80	63,5 (2,5")	49.28	12.77	31.69	19.05	C
P2752.40A20NP	Neoprene	20	101,6 (4,0")	23.37	12.77	31.69	9.52	B
P2752.40A35NP	Neoprene	35	101,6 (4,0")	23.37	12.77	31.69	9.52	B
P2752.40A60NP	Neoprene	60	101,6 (4,0")	23.37	12.77	31.69	9.52	B
P2752.40A80NP	Neoprene	80	101,6 (4,0")	23.37	12.77	31.69	9.52	B
P2752.40B20NP	Neoprene	20	101,6 (4,0")	49.28	12.77	31.69	19.05	C

MATERIAL HANDLING



P2754



Material

Nitrile, urethane or neoprene bonded to a steel insert.
Hardness from 20-80 durometer (Shore A).

Technical Notes

Bearings included (held in place with snap rings). For more details on bearings please see technical pages. Assembled with socket

head cap screw, spacer and lock nut.

Order No.	Material	Durometer	d ₁	l ₁	d ₂	l ₂	l ₃	Bearing type
P2754.15A20NI	Nitrile	20	38,1 (1,5")	31.80	5/16-18"	16.00	3.05	A
P2754.20A20NI	Nitrile	20	50,8 (2,0")	23.37	1/2-13"	27.94	3.05	B
P2754.20A35NI	Nitrile	35	50,8 (2,0")	23.37	1/2-13"	27.94	3.05	B
P2754.20A60NP	Nitrile	60	50,8 (2,0")	23.37	1/2-13"	27.94	3.05	B
P2754.20A80NI	Nitrile	80	50,8 (2,0")	23.37	1/2-13"	27.94	3.05	B
P2754.20B20NI	Nitrile	20	50,8 (2,0")	49.28	1/2-13"	35.81	6.35	C
P2754.20B35NI	Nitrile	35	50,8 (2,0")	49.28	1/2-13"	35.81	6.35	C
P2754.20B60NI	Nitrile	60	50,8 (2,0")	49.28	1/2-13"	35.81	6.35	C
P2754.20B80NI	Nitrile	80	50,8 (2,0")	49.28	1/2-13"	35.81	6.35	C
P2754.25A20NI	Nitrile	20	63,5 (2,5")	23.37	1/2-13"	27.94	3.05	B
P2754.25A35NI	Nitrile	35	63,5 (2,5")	23.37	1/2-13"	27.94	3.05	B
P2754.25A60NI	Nitrile	60	63,5 (2,5")	23.37	1/2-13"	27.94	3.05	B
P2754.25A80NI	Nitrile	80	63,5 (2,5")	23.37	1/2-13"	27.94	3.05	B
P2754.25B20NI	Nitrile	20	63,5 (2,5")	49.28	1/2-13"	35.81	6.35	C
P2754.25B35NI	Nitrile	35	63,5 (2,5")	49.28	1/2-13"	35.81	6.35	C
P2754.25B60NI	Nitrile	60	63,5 (2,5")	49.28	1/2-13"	35.81	6.35	C
P2754.25B80NI	Nitrile	80	63,5 (2,5")	49.28	1/2-13"	35.81	6.35	C
P2754.40A20NP	Nitrile	20	101,6 (4,0")	23.37	1/2-13"	27.94	3.05	B
P2754.40A35NP	Nitrile	35	101,6 (4,0")	23.37	1/2-13"	27.94	3.05	B
P2754.40A60NI	Nitrile	60	101,6 (4,0")	23.37	1/2-13"	27.94	3.05	B
P2754.40A80NI	Nitrile	80	101,6 (4,0")	23.37	1/2-13"	27.94	3.05	B
P2754.40B20NP	Nitrile	20	101,6 (4,0")	49.28	1/2-13"	35.56	6.35	C
P2754.40B60NI	Nitrile	60	101,6 (4,0")	49.28	1/2-13"	35.56	6.35	C
P2754.40B80NI	Nitrile	60	101,6 (4,0")	49.28	1/2-13"	35.56	6.35	C
P2754.15A80UR	Urethane	80	38,1 (1,5")	31.80	5/16-18"	16.00	3.05	A
P2754.20A35UR	Urethane	35	50,8 (2,0")	23.37	1/2-13"	27.94	3.05	B
P2754.20A60UR	Urethane	60	50,8 (2,0")	23.37	1/2-13"	27.94	3.05	B
P2754.20A80UR	Urethane	80	50,8 (2,0")	23.37	1/2-13"	27.94	3.05	B
P2754.20B35UR	Urethane	35	50,8 (2,0")	49.28	1/2-13"	35.81	6.35	C
P2754.20B60UR	Urethane	60	50,8 (2,0")	49.28	1/2-13"	35.81	6.35	C
P2754.20B80UR	Urethane	80	50,8 (2,0")	49.28	1/2-13"	35.81	6.35	C
P2754.25A35UR	Urethane	35	63,5 (2,5")	23.37	1/2-13"	27.94	3.05	B
P2754.25A60UR	Urethane	60	63,5 (2,5")	23.37	1/2-13"	27.94	3.05	B
P2754.25A80UR	Urethane	80	63,5 (2,5")	23.37	1/2-13"	27.94	3.05	B
P2754.25B35UR	Urethane	35	63,5 (2,5")	49.28	1/2-13"	35.81	6.35	C



Solid Roller stud mount



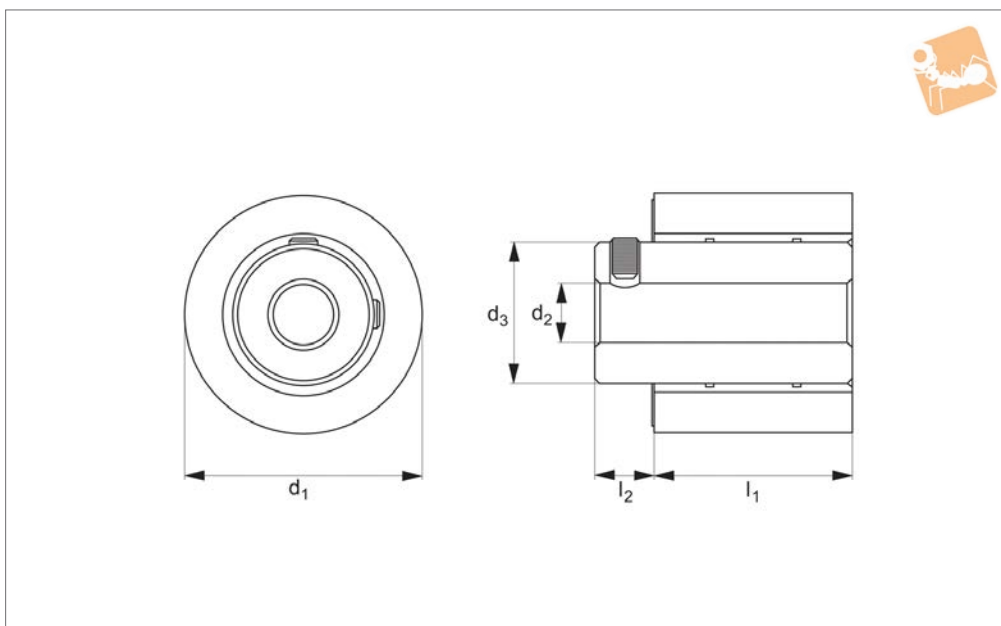
Material Hand- ling

Order No.	Material	Durometer	d ₁	l ₁	d ₂	l ₂	l ₃	Bearing type
P2754.25B60UR	Urethane	60	63,5 (2,5")	49.28	1/2-13"	35.81	6.35	C
P2754.25B80UR	Urethane	80	63,5 (2,5")	49.28	1/2-13"	35.81	6.35	C
P2754.40A35UR	Urethane	35	101,6 (4,0")	23.37	1/2-13"	27.94	3.05	B
P2754.40A60UR	Urethane	60	101,6 (4,0")	23.37	1/2-13"	27.94	3.05	B
P2754.40A80UR	Urethane	80	101,6 (4,0")	23.37	1/2-13"	27.94	3.05	B
P2754.40B35UR	Urethane	35	101,6 (4,0")	49.28	1/2-13"	35.56	6.35	C
P2754.40B60UR	Urethane	60	101,6 (4,0")	49.28	1/2-13"	35.56	6.35	C
P2754.40B80UR	Urethane	60	101,6 (4,0")	49.28	1/2-13"	35.56	6.35	C
P2754.50A35UR	Urethane	35	127,0 (5,0")	49.28	1/2-13"	35.56	6.35	C
P2754.50A60UR	Urethane	60	127,0 (5,0")	49.28	1/2-13"	35.56	6.35	C
P2754.50A80UR	Urethane	80	127,0 (5,0")	49.28	1/2-13"	35.56	6.35	C
P2754.60A35UR	Urethane	35	152,4 (6,0")	49.28	1/2-13"	35.56	6.35	C
P2754.60A60UR	Urethane	60	152,4 (6,0")	49.28	1/2-13"	35.56	6.35	C
P2754.60A80UR	Urethane	80	152,4 (6,0")	49.28	1/2-13"	35.56	6.35	C
P2754.20A20NP	Neoprene	20	50,8 (2,0")	23.37	1/2-13"	27.94	3.05	B
P2754.20A35NP	Neoprene	35	50,8 (2,0")	23.37	1/2-13"	27.94	3.05	B
P2754.20B20NP	Neoprene	20	50,8 (2,0")	49.28	1/2-13"	35.81	6.35	C
P2754.20B35NP	Neoprene	35	50,8 (2,0")	49.28	1/2-13"	35.81	6.35	C
P2754.20B60NP	Neoprene	60	50,8 (2,0")	49.28	1/2-13"	35.81	6.35	C
P2754.20B80NP	Neoprene	80	50,8 (2,0")	49.28	1/2-13"	35.81	6.35	C
P2754.25A20NP	Neoprene	20	63,5 (2,5")	23.37	1/2-13"	27.94	3.05	B
P2754.25A35NP	Neoprene	35	63,5 (2,5")	23.37	1/2-13"	27.94	3.05	B
P2754.25A60NP	Neoprene	60	63,5 (2,5")	23.37	1/2-13"	27.94	3.05	B
P2754.25A80NP	Neoprene	80	63,5 (2,5")	23.37	1/2-13"	27.94	3.05	B
P2754.25B20NP	Neoprene	20	63,5 (2,5")	49.28	1/2-13"	35.81	6.35	C
P2754.25B35NP	Neoprene	35	63,5 (2,5")	49.28	1/2-13"	35.81	6.35	C
P2754.25B60NP	Neoprene	60	63,5 (2,5")	49.28	1/2-13"	35.81	6.35	C
P2754.25B80NP	Neoprene	80	63,5 (2,5")	49.28	1/2-13"	35.81	6.35	C
P2754.40A20NI	Neoprene	20	101,6 (4,0")	23.37	1/2-13"	27.94	3.05	B
P2754.40A35NI	Neoprene	35	101,6 (4,0")	23.37	1/2-13"	27.94	3.05	B
P2754.40A60NP	Neoprene	60	101,6 (4,0")	23.37	1/2-13"	27.94	3.05	B
P2754.40A80NP	Neoprene	80	101,6 (4,0")	23.37	1/2-13"	27.94	3.05	B
P2754.40B20NI	Neoprene	20	101,6 (4,0")	49.28	1/2-13"	35.56	6.35	C
P2754.40B35NI	Neoprene	35	101,6 (4,0")	49.28	1/2-13"	35.56	6.35	C
P2754.40B60NP	Neoprene	60	101,6 (4,0")	49.28	1/2-13"	35.56	6.35	C
P2754.40B80NP	Neoprene	60	101,6 (4,0")	49.28	1/2-13"	35.56	6.35	C

MATERIAL HANDLING



P2756



Material

Nitrile, urethane or neoprene bonded to a steel insert.

Hardness from 20-80 durometer (Shore A).

Technical Notes

Designed to be mounted onto a shaft. A

hub extends past the roller and is supplied with two set screws at 90°.

Order No.	Material	Durometer	d ₁	l ₁	d ₂	d ₃	l ₂
P2756.20A60NI	Nitrile	60	50,80 (2,0")	31.75	23.37	12,72/12,83	12.70
P2756.20C20NI	Nitrile	20	50,80 (2,0")	31.75	49.28	12,73/12,83	12.70
P2756.20C60NI	Nitrile	60	50,80 (2,0")	31.75	49.28	12,73/12,83	12.70
P2756.20D20NI	Nitrile	20	50,80 (2,0")	31.75	49.28	19,08/19,20	12.70
P2756.20D60NI	Nitrile	60	50,80 (2,0")	31.75	49.28	19,08/19,20	12.70
P2756.25A20NI	Nitrile	20	63,50 (2,5")	31.75	23.37	12,73/12,83	12.70
P2756.25A60NI	Nitrile	60	63,50 (2,5")	31.75	23.37	12,73/12,83	12.70
P2756.25B20NI	Nitrile	20	63,50 (2,5")	34.79	23.37	19,08/19,20	12.70
P2756.25B60NI	Nitrile	60	63,50 (2,5")	34.79	23.37	19,08/19,20	12.70
P2756.25C20NI	Nitrile	20	63,50 (2,5")	31.75	49.28	12,73/12,83	12.70
P2756.25C60NI	Nitrile	60	63,50 (2,5")	31.75	49.28	12,73/12,83	12.70
P2756.25D20NI	Nitrile	20	63,50 (2,5")	31.75	49.28	19,08/19,20	12.70
P2756.25D60NI	Nitrile	60	63,50 (2,5")	31.75	49.28	19,08/19,20	12.70
P2756.40A20NI	Nitrile	20	101,6 (4,0")	31.75	23.37	12,73/12,83	12.70
P2756.40A60NI	Nitrile	60	101,6 (4,0")	31.75	23.37	12,73/12,83	12.70
P2756.40B20NI	Nitrile	20	101,6 (4,0")	31.75	23.37	19,08/19,20	12.70
P2756.40B60NI	Nitrile	60	101,6 (4,0")	31.75	23.37	19,08/19,20	12.70
P2756.40C20NI	Nitrile	20	101,6 (4,0")	31.75	49.28	12,73/12,83	12.70
P2756.40C60NI	Nitrile	60	101,6 (4,0")	31.75	49.28	12,73/12,83	12.70
P2756.40D20NI	Nitrile	20	101,6 (4,0")	31.75	49.28	19,08/19,20	12.70
P2756.40D60NI	Nitrile	60	101,6 (4,0")	31.75	49.28	19,08/19,20	12.70
P2756.40E60NI	Nitrile	60	101,6 (4,0")	34.80	49.28	31,78/31,90	12.70
P2756.15A35UR	Urethane	35	38,10 (1,5")	22.36	31.75	12,72/12,83	9.65
P2756.15A60UR	Urethane	60	38,10 (1,5")	22.36	31.75	12,72/12,83	9.65
P2756.15A80UR	Urethane	80	38,10 (1,5")	22.36	31.75	12,72/12,83	9.65
P2756.20A60UR	Urethane	60	50,80 (2,0")	31.75	23.37	12,72/12,83	12.70
P2756.20A80UR	Urethane	80	50,80 (2,0")	31.75	23.37	12,72/12,83	12.70
P2756.20C60UR	Urethane	60	50,80 (2,0")	31.75	49.28	12,73/12,83	12.70
P2756.20D35UR	Urethane	35	50,80 (2,0")	31.75	49.28	19,08/19,20	12.70
P2756.20D80UR	Urethane	80	50,80 (2,0")	31.75	49.28	19,08/19,20	12.70
P2756.25B35UR	Urethane	35	63,50 (2,5")	34.79	23.37	19,08/19,20	12.70
P2756.25B80UR	Urethane	80	63,50 (2,5")	34.79	23.37	19,08/19,20	12.70
P2756.25C60UR	Urethane	60	63,50 (2,5")	31.75	49.28	12,73/12,83	12.70
P2756.25D35UR	Urethane	35	63,50 (2,5")	31.75	49.28	19,08/19,20	12.70
P2756.25D80UR	Urethane	80	63,50 (2,5")	31.75	49.28	19,08/19,20	12.70



Solid Roller shaft drive



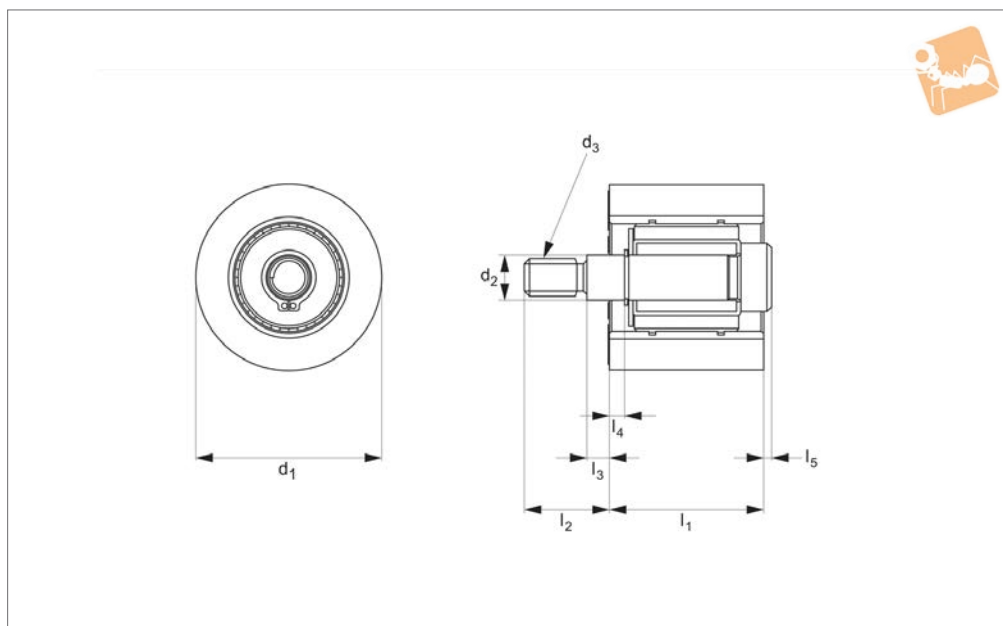
Material Hand-
ling

Order No.	Material	Durometer	d ₁	l ₁	d ₂	d ₃	l ₂
P2756.40A35UR	Urethane	35	101,6 (4,0")	31,75	23,37	12,73/12,83	12,70
P2756.40A80UR	Urethane	80	101,6 (4,0")	31,75	23,37	12,73/12,83	12,70
P2756.40B60UR	Urethane	60	101,6 (4,0")	31,75	23,37	19,08/19,20	12,70
P2756.40C35UR	Urethane	35	101,6 (4,0")	31,75	49,28	12,73/12,83	12,70
P2756.40C80UR	Urethane	80	101,6 (4,0")	31,75	49,28	12,73/12,83	12,70
P2756.40E80UR	Urethane	80	101,6 (4,0")	34,80	49,28	31,78/31,90	12,70
P2756.50A35UR	Urethane	35	127,0 (5,0")	31,75	49,28	12,72/12,83	12,70
P2756.50A60UR	Urethane	60	127,0 (5,0")	31,75	49,28	12,72/12,83	12,70
P2756.50B35UR	Urethane	35	127,0 (5,0")	31,75	49,28	19,07/19,20	12,70
P2756.50B80UR	Urethane	80	127,0 (5,0")	31,75	49,28	19,07/19,20	12,70
P2756.60B35UR	Urethane	35	152,4 (6,0")	31,75	49,28	19,08/19,20	12,70
P2756.20A20NP	Neoprene	20	50,80 (2,0")	31,75	23,37	12,72/12,83	12,70
P2756.20A60NP	Neoprene	60	50,80 (2,0")	31,75	23,37	12,72/12,83	12,70
P2756.20C20NP	Neoprene	20	50,80 (2,0")	31,75	49,28	12,73/12,83	12,70
P2756.20C60NP	Neoprene	60	50,80 (2,0")	31,75	49,28	12,73/12,83	12,70
P2756.20D20NP	Neoprene	20	50,80 (2,0")	31,75	49,28	19,08/19,20	12,70
P2756.20D60NP	Neoprene	60	50,80 (2,0")	31,75	49,28	19,08/19,20	12,70
P2756.25A20NP	Neoprene	20	63,50 (2,5")	31,75	23,37	12,73/12,83	12,70
P2756.25A60NP	Neoprene	60	63,50 (2,5")	31,75	23,37	12,73/12,83	12,70
P2756.25B20NP	Neoprene	20	63,50 (2,5")	34,79	23,37	19,08/19,20	12,70
P2756.25B60NP	Neoprene	60	63,50 (2,5")	34,79	23,37	19,08/19,20	12,70
P2756.25C20NP	Neoprene	20	63,50 (2,5")	31,75	49,28	12,73/12,83	12,70
P2756.25C60NP	Neoprene	60	63,50 (2,5")	31,75	49,28	12,73/12,83	12,70
P2756.25D20NP	Neoprene	20	63,50 (2,5")	31,75	49,28	19,08/19,20	12,70
P2756.25D60NP	Neoprene	60	63,50 (2,5")	31,75	49,28	19,08/19,20	12,70
P2756.40A20NP	Neoprene	20	101,6 (4,0")	31,75	23,37	12,73/12,83	12,70
P2756.40A60NP	Neoprene	60	101,6 (4,0")	31,75	23,37	12,73/12,83	12,70
P2756.40B20NP	Neoprene	20	101,6 (4,0")	31,75	23,37	19,08/19,20	12,70
P2756.40B60NP	Neoprene	60	101,6 (4,0")	31,75	23,37	19,08/19,20	12,70
P2756.40C20NP	Neoprene	20	101,6 (4,0")	31,75	49,28	12,73/12,83	12,70
P2756.40C60NP	Neoprene	60	101,6 (4,0")	31,75	49,28	12,73/12,83	12,70
P2756.40D20NP	Neoprene	20	101,6 (4,0")	31,75	49,28	19,08/19,20	12,70
P2756.40D60NP	Neoprene	60	101,6 (4,0")	31,75	49,28	19,08/19,20	12,70
P2756.40E35UR	Neoprene	60	101,6 (4,0")	34,80	49,28	31,78/31,90	12,70
P2756.40E60NP	Neoprene	60	101,6 (4,0")	34,80	49,28	31,78/31,90	12,70

MATERIAL HANDLING



P2758



Material

Nitrile, urethane or neoprene bonded to a steel insert.
Hardness from 20-80 durometer (Shore A).

Technical Notes

A clutch bearing allows the roller to turn in

only one direction. Available in left or right hand rotation (with the stud pointed upwards, a right hand rotation turns clockwise.)

Supplied with type I bearing, other $d_1=38,1$ roller which is supplied with type h

bearing.

Tips

Type R = Right handed clutch bearing.
Type L = Left handed clutch bearing.
See technical introduction pages for further information.

Order No.	Type	Material	Durometer	d_1	l_1	d_2 -0 +0.05	d_3	l_2	l_3	l_4	l_5
P2758.15A20NI-R	Right	Nitrile	20	38.10	31.75	9.42	5/16-18"	17.53	4.83	3.05	1.52
P2758.15A35NI-R	Right	Nitrile	35	38.10	31.75	9.42	5/16-18"	17.53	4.83	3.05	1.52
P2758.15A60NI-R	Right	Nitrile	60	38.10	31.75	9.42	5/16-18"	17.53	4.83	3.05	1.52
P2758.15A80NI-R	Right	Nitrile	80	38.10	31.75	9.42	5/16-18"	17.53	4.83	3.05	1.52
P2758.15A20NI-L	Left	Nitrile	20	38.10	31.75	9.42	5/16-18"	17.53	4.83	3.05	1.52
P2758.15A35NI-L	Left	Nitrile	35	38.10	31.75	9.42	5/16-18"	17.53	4.83	3.05	1.52
P2758.15A60NI-L	Left	Nitrile	60	38.10	31.75	9.42	5/16-18"	17.53	4.83	3.05	1.52
P2758.15A80NI-L	Left	Nitrile	80	38.10	31.75	9.42	5/16-18"	17.53	4.83	3.05	1.52
P2758.20A20NI-R	Right	Nitrile	20	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2758.20A35NI-R	Right	Nitrile	35	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2758.20A60NI-R	Right	Nitrile	60	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2758.20A80NI-R	Right	Nitrile	80	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2758.20A20NI-L	Left	Nitrile	20	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2758.20A35NI-L	Left	Nitrile	35	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2758.20A60NI-L	Left	Nitrile	60	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2758.20A80NI-L	Left	Nitrile	80	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2758.20B20NI-R	Right	Nitrile	20	50.80	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.20B35NI-R	Right	Nitrile	35	50.80	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.20B60NI-R	Right	Nitrile	60	50.80	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.20B80NI-R	Right	Nitrile	80	50.80	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.20B20NI-L	Left	Nitrile	20	50.80	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.20B35NI-L	Left	Nitrile	35	50.80	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.20B60NI-L	Left	Nitrile	60	50.80	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.20B80NI-L	Left	Nitrile	80	50.80	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.25A20NI-R	Right	Nitrile	20	63.50	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.25A35NI-R	Right	Nitrile	35	63.50	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.25A60NI-R	Right	Nitrile	60	63.50	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.25A80NI-R	Right	Nitrile	80	63.50	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.25A20NI-L	Left	Nitrile	20	63.50	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.25A35NI-L	Left	Nitrile	35	63.50	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.25A60NI-L	Left	Nitrile	60	63.50	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41



Solid Roller clutch bearing



Material Handling

Order No.	Type	Material	Durometer	d ₁	l ₁	d ₂ -0 +0.05	d ₃	l ₂	l ₃	l ₄	l ₅
P2758.25A80NI-L	Left	Nitrile	80	63.50	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.25B20NI-R	Right	Nitrile	20	63.50	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.25B35NI-R	Right	Nitrile	35	63.50	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.25B60NI-R	Right	Nitrile	60	63.50	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.25B80NI-R	Right	Nitrile	80	63.50	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.25B20NI-L	Left	Nitrile	20	63.50	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.25B35NI-L	Left	Nitrile	35	63.50	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.25B60NI-L	Left	Nitrile	60	63.50	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.25B80NI-L	Left	Nitrile	80	63.50	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.40A20NI-R	Right	Nitrile	20	101.6	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.40A35NI-R	Right	Nitrile	35	101.6	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.40A60NI-R	Right	Nitrile	60	101.6	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.40A80NI-R	Right	Nitrile	80	101.6	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.40A20NI-L	Left	Nitrile	20	101.6	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.40A35NI-L	Left	Nitrile	35	101.6	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.40A60NI-L	Left	Nitrile	60	101.6	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.40A80NI-L	Left	Nitrile	80	101.6	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.40B20NI-R	Right	Nitrile	20	101.6	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.40B35NI-R	Right	Nitrile	35	101.6	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.40B60NI-R	Right	Nitrile	60	101.6	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.40B80NI-R	Right	Nitrile	80	101.6	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.40B20NI-L	Left	Nitrile	20	101.6	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.40B35NI-L	Left	Nitrile	35	101.6	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.40B60NI-L	Left	Nitrile	60	101.6	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.40B80NI-L	Left	Nitrile	80	101.6	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.15A35UR-R	Right	Urethane	35	38.10	31.75	9.42	5/16-18"	17.53	4.83	3.05	1.52
P2758.15A60UR-R	Right	Urethane	60	38.10	31.75	9.42	5/16-18"	17.53	4.83	3.05	1.52
P2758.15A80UR-R	Right	Urethane	80	38.10	31.75	9.42	5/16-18"	17.53	4.83	3.05	1.52
P2758.15A35UR-L	Left	Urethane	35	38.10	31.75	9.42	5/16-18"	17.53	4.83	3.05	1.52
P2758.15A60UR-L	Left	Urethane	60	38.10	31.75	9.42	5/16-18"	17.53	4.83	3.05	1.52
P2758.15A80UR-L	Left	Urethane	80	38.10	31.75	9.42	5/16-18"	17.53	4.83	3.05	1.52
P2758.20A35UR-R	Right	Urethane	35	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2758.20A60UR-R	Right	Urethane	60	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2758.20A80UR-R	Right	Urethane	80	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2758.20A35UR-L	Left	Urethane	35	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2758.20A60UR-L	Left	Urethane	60	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2758.20A80UR-L	Left	Urethane	80	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2758.20B35UR-R	Right	Urethane	35	50.80	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.20B60UR-R	Right	Urethane	60	50.80	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.20B80UR-R	Right	Urethane	80	50.80	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.20B35UR-L	Left	Urethane	35	50.80	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.20B60UR-L	Left	Urethane	60	50.80	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.20B80UR-L	Left	Urethane	80	50.80	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.25A35UR-R	Right	Urethane	35	63.50	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.25A60UR-R	Right	Urethane	60	63.50	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.25A80UR-R	Right	Urethane	80	63.50	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.25A35UR-L	Left	Urethane	35	63.50	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.25A60UR-L	Left	Urethane	60	63.50	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.25A80UR-L	Left	Urethane	80	63.50	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.25B35UR-R	Right	Urethane	35	63.50	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.25B60UR-R	Right	Urethane	60	63.50	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.25B80UR-R	Right	Urethane	80	63.50	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.25B35UR-L	Left	Urethane	35	63.50	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.25B60UR-L	Left	Urethane	60	63.50	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.25B80UR-L	Left	Urethane	80	63.50	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.40A35UR-R	Right	Urethane	35	101.6	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.40A60UR-R	Right	Neoprene	60	101.6	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.40A80UR-R	Right	Urethane	60	101.6	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.40A35UR-L	Left	Urethane	80	101.6	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.40A60UR-L	Left	Urethane	35	101.6	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.40A80UR-L	Left	Urethane	60	101.6	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.40B35UR-R	Right	Urethane	80	101.6	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.40B60UR-R	Right	Urethane	35	101.6	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.40B80UR-R	Right	Urethane	60	101.6	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.40B35UR-L	Left	Urethane	80	101.6	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.40B60UR-L	Left	Urethane	35	101.6	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.40B80UR-L	Left	Urethane	80	101.6	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.15A20NP-R	Right	Neoprene	20	38.10	31.75	9.42	5/16-18"	17.53	4.83	3.05	1.52

MATERIAL HANDLING

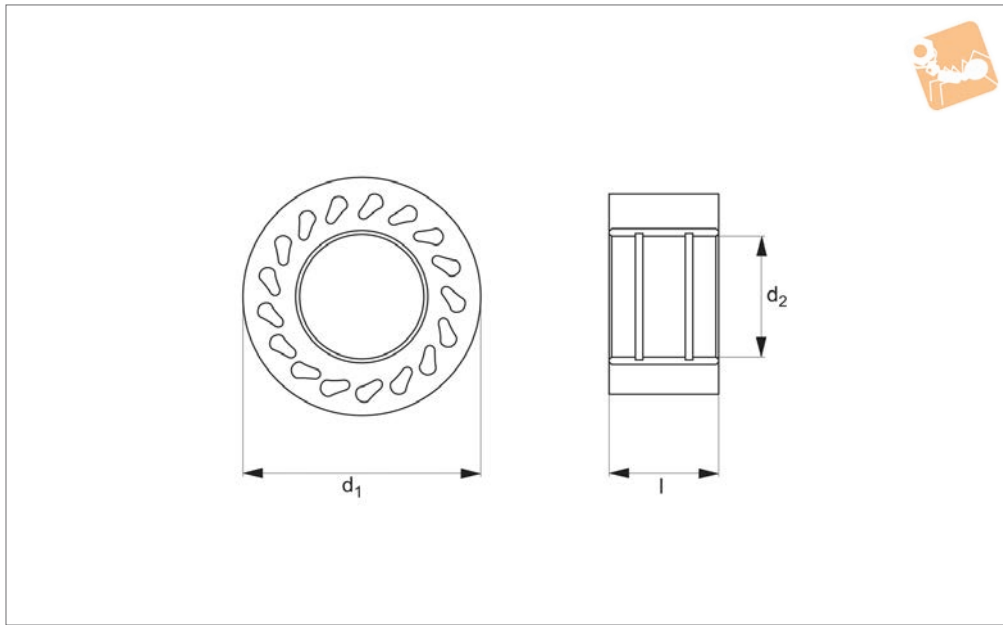


Order No.	Type	Material	Durometer	d ₁	l ₁	d ₂ -0 +0.05	d ₃	l ₂	l ₃	l ₄	l ₅
P2758.15A35NP-R	Right	Neoprene	35	38.10	31.75	9.42	5/16-18"	17.53	4.83	3.05	1.52
P2758.15A60NP-R	Right	Neoprene	60	38.10	31.75	9.42	5/16-18"	17.53	4.83	3.05	1.52
P2758.15A80NP-R	Right	Neoprene	80	38.10	31.75	9.42	5/16-18"	17.53	4.83	3.05	1.52
P2758.15A20NP-L	Left	Neoprene	20	38.10	31.75	9.42	5/16-18"	17.53	4.83	3.05	1.52
P2758.15A35NP-L	Left	Neoprene	35	38.10	31.75	9.42	5/16-18"	17.53	4.83	3.05	1.52
P2758.15A60NP-L	Left	Neoprene	60	38.10	31.75	9.42	5/16-18"	17.53	4.83	3.05	1.52
P2758.15A80NP-L	Left	Neoprene	80	38.10	31.75	9.42	5/16-18"	17.53	4.83	3.05	1.52
P2758.20A20NP-R	Right	Neoprene	20	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2758.20A35NP-R	Right	Neoprene	35	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2758.20A60NP-R	Right	Neoprene	60	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2758.20A80NP-R	Right	Neoprene	80	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2758.20A20NP-L	Left	Neoprene	20	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2758.20A35NP-L	Left	Neoprene	35	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2758.20A60NP-L	Left	Neoprene	60	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2758.20A80NP-L	Left	Neoprene	80	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2758.20B20NP-R	Right	Neoprene	20	50.80	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.20B35NP-R	Right	Neoprene	35	50.80	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.20B60NP-R	Right	Neoprene	60	50.80	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.20B80NP-R	Right	Neoprene	80	50.80	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.20B20NP-L	Left	Neoprene	20	50.80	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.20B35NP-L	Left	Neoprene	35	50.80	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.20B60NP-L	Left	Neoprene	60	50.80	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.20B80NP-L	Left	Neoprene	80	50.80	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.25A20NP-R	Right	Neoprene	20	63.50	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.25A35NP-R	Right	Neoprene	35	63.50	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.25A60NP-R	Right	Neoprene	60	63.50	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.25A80NP-R	Right	Neoprene	80	63.50	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.25A20NP-L	Left	Neoprene	20	63.50	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.25A35NP-L	Left	Neoprene	35	63.50	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.25A60NP-L	Left	Neoprene	60	63.50	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.25A80NP-L	Left	Neoprene	80	63.50	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.25B20NP-R	Right	Neoprene	20	63.50	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.25B35NP-R	Right	Neoprene	35	63.50	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.25B60NP-R	Right	Neoprene	60	63.50	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.25B80NP-R	Right	Neoprene	80	63.50	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.25B20NP-L	Left	Neoprene	20	63.50	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.25B35NP-L	Left	Neoprene	35	63.50	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.25B60NP-L	Left	Neoprene	60	63.50	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.25B80NP-L	Left	Neoprene	80	63.50	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.40A20NP-R	Right	Neoprene	20	101.6	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.40A35NP-R	Right	Neoprene	35	101.6	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.40A80NP-R	Right	Neoprene	80	101.6	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.40A20NP-L	Left	Neoprene	20	101.6	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.40A35NP-L	Left	Neoprene	35	101.6	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.40A60NP-L	Left	Neoprene	60	101.6	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.40A80NP-L	Left	Neoprene	80	101.6	23.27	15.77	1/2-13"	31.75	26.42	3.05	10.41
P2758.40B20NP-R	Right	Neoprene	20	101.6	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.40B35NP-R	Right	Neoprene	35	101.6	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.40B60NP-R	Right	Neoprene	60	101.6	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.40B80NP-R	Right	Neoprene	80	101.6	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.40B20NP-L	Left	Neoprene	20	101.6	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.40B35NP-L	Left	Neoprene	35	101.6	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.40B60NP-L	Left	Neoprene	60	101.6	49.28	15.77	1/2-13"	31.75	12.70	3.05	-
P2758.40B80NP-L	Left	Neoprene	80	101.6	49.28	15.77	1/2-13"	31.75	12.70	3.05	-



Durasoft Roller

roller only



P2760

MATERIAL HANDLING

Material

Urethane bonded to a steel insert. Hardness from 35-95 durometer (Shore A).

Tips

Durasoft rollers have „teardrop“ holes to allow the roller to flex for firm but non-damaging contact.

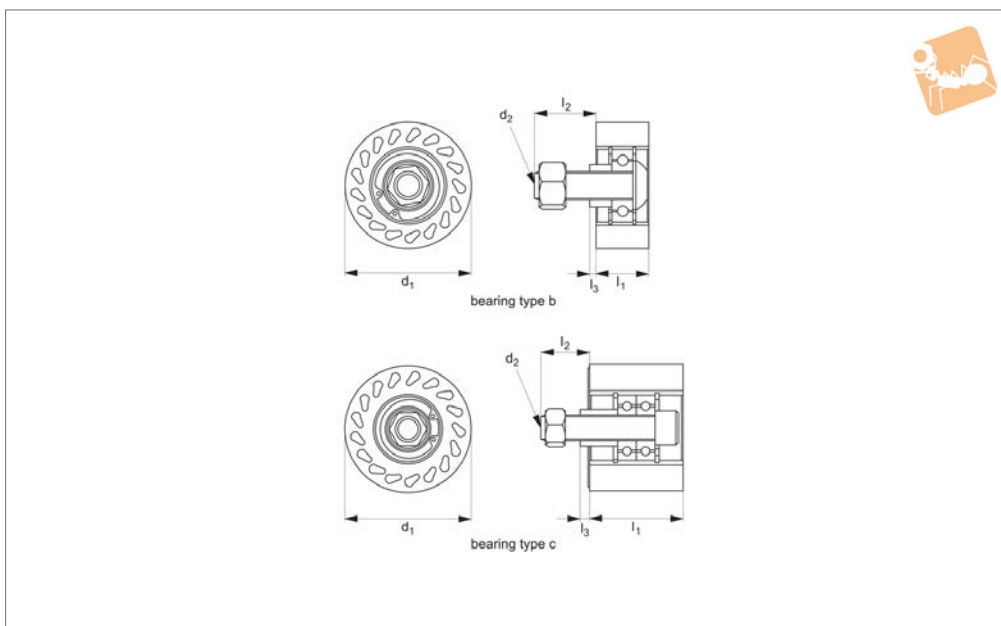
Technical Notes

Roller only - allows for custom mounting.

Order No.	Durometer	d ₁	l	d ₂ min. max.
P2760.25A60	60	63,5 (2,5")	23.37	28,58/28,65
P2760.25B60	60	63,5 (2,5")	49.28	31,80/31,90
P2760.40A60	60	101,6 (4")	23.37	31,80/31,90
P2760.40B60	60	101,6 (4")	49.28	31,80/31,90



P2764



Material

Urethane bonded to a steel insert. Hardness from 35-80 durometer (Shore A).

rings). For more details on bearings please see technical pages. Assembled with socket head cap screw, spacer and lock nut.

allow the roller to flex for firm but non-damaging contact.

Technical Notes

Bearings included (held in place with snap

Tips

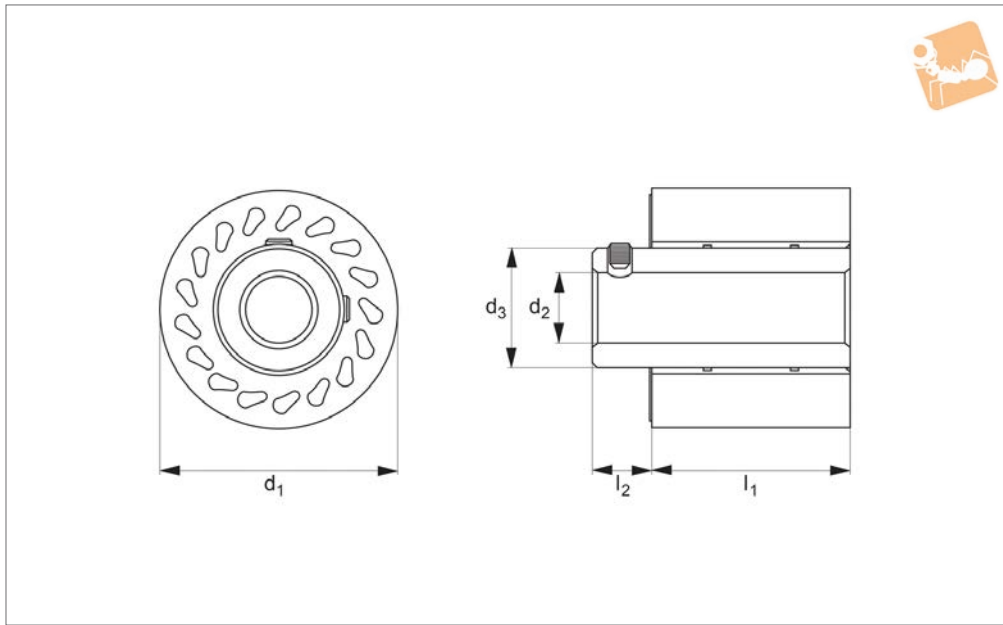
Durasoft rollers have „teardrop“ holes to

Order No.	Durometer	d_1	l_1	d_2	l_2	l_3	Bearing type
P2764.25B35	35	62,5 (2,5")	23.37	1/2-13	27.94	3.05	B
P2764.25B60	60	62,5 (2,5")	23.37	1/2-13	27.94	3.05	B
P2764.25B80	80	62,5 (2,5")	23.37	1/2-13	27.94	3.05	B
P2764.25C35	35	62,5 (2,5")	49.28	1/2-13	35.81	6.35	C
P2764.25C60	60	62,5 (2,5")	49.28	1/2-13	35.81	6.35	C
P2764.25C80	80	62,5 (2,5")	49.28	1/2-13	35.81	6.35	C
P2764.40A35	35	101,6 (4")	23.37	1/2-13	27.94	3.05	B
P2764.40A60	60	101,6 (4")	23.37	1/2-13	27.94	3.05	B
P2764.40A80	80	101,6 (4")	23.37	1/2-13	27.94	3.05	B
P2764.40B35	35	101,6 (4")	49.28	1/2-13	35.81	6.35	C
P2764.40B60	60	101,6 (4")	49.28	1/2-13	35.81	6.35	C
P2764.40B80	80	101,6 (4")	49.28	1/2-13	35.81	6.35	C



Durasoft Roller

shaft drive



P2766

MATERIAL HANDLING

Material

Urethane bonded to a steel insert. Hardness from 35-80 durometer (Shore A).

Technical Notes

Designed to be mounted onto a shaft. A

hub extends past the roller and is supplied with two set screws at 90°.

damaging contact.

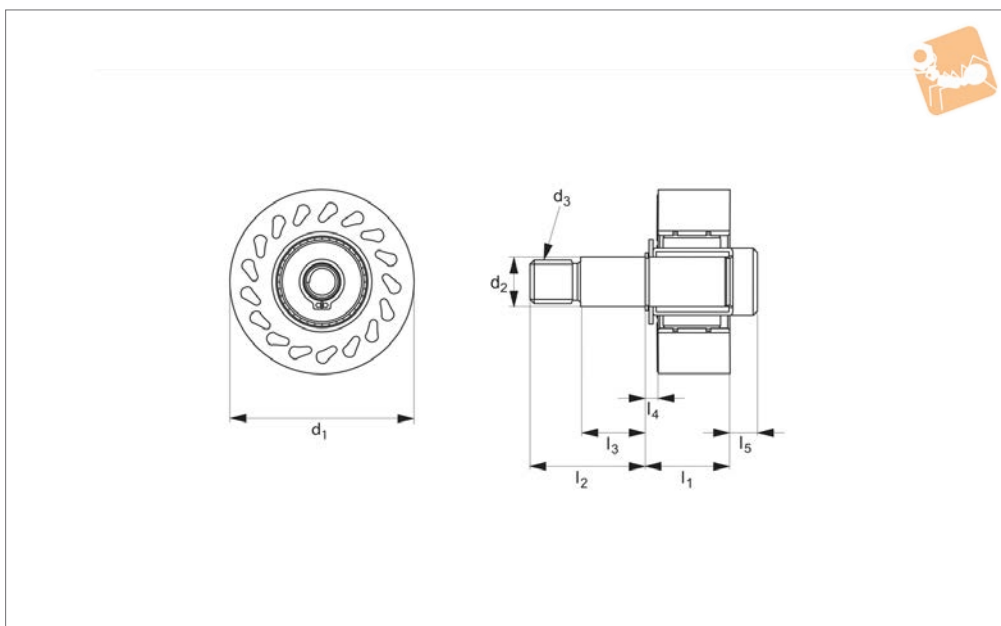
Tips

Durasoft rollers have „teardrop“ holes to allow the roller to flex for firm but non-

Order No.	Durometer	d ₁	l ₁	d ₂ min. max.	l ₂	d ₃
P2766.25A60	60	63,5 (2,5")	23.37	12,73/12,83	12.7	31.75



P2768



Material

Urethane bonded to a steel insert. Hardness from 35-80 durometer (Shore A).

Technical Notes

A clutch bearing allows the roller to turn in only one direction. Available in left or right

hand rotation (with the stud pointed upwards, a right hand rotation turns clockwise).

Type R= right hand clutch bearing.

Type L= left hand clutch bearing.

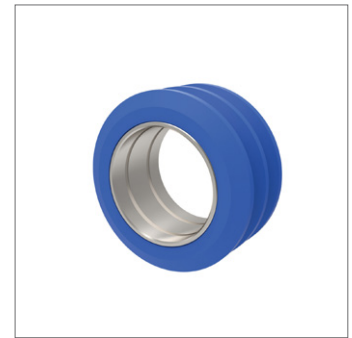
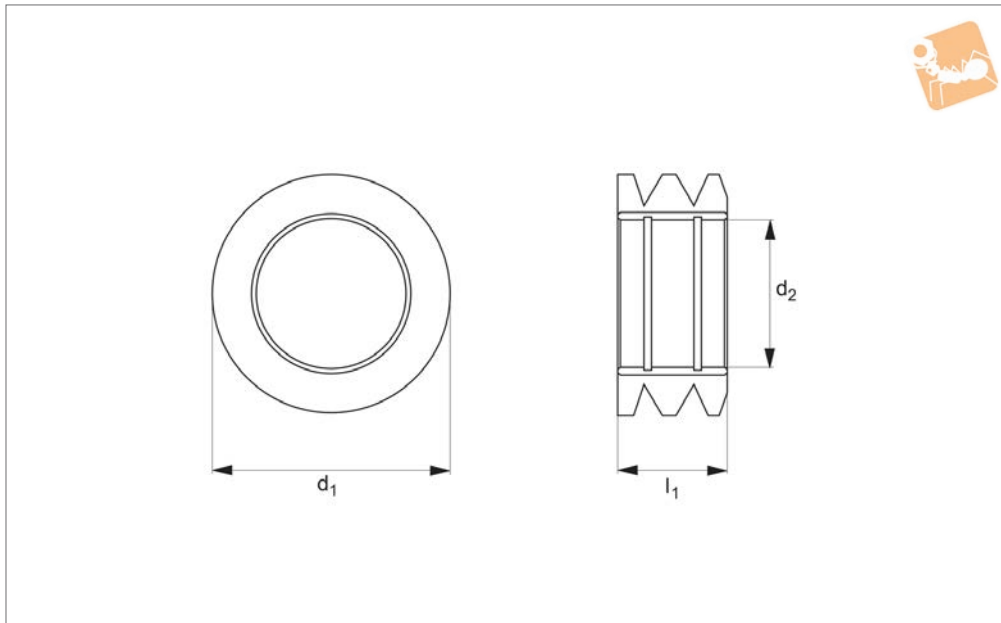
Tips

Durasoft rollers have „teardrop“ holes to allow the roller to flex for firm but non-damaging contact. All clutch bearing are type I. Please see technical page for more information on the bearing.

Order No.	Type	Durometer	d ₁	l ₁	d ₂ min. max.	l ₂	d ₃	l ₃	l ₄	l ₅
P2768.25A35-R	R	35	63,50 (2,5")	23.37	15,77/15,82	45.47	1/2-13"	26.42	3.05	10.41
P2768.25A60-R	R	60	63,50 (2,5")	23.37	15,77/15,82	45.47	1/2-13"	26.42	3.05	10.41
P2768.25A80-R	R	80	63,50 (2,5")	23.37	15,77/15,82	45.47	1/2-13"	26.42	3.05	10.41
P2768.25A35-L	L	35	63,50 (2,5")	23.37	15,77/15,82	45.47	1/2-13"	26.42	3.05	10.41
P2768.25A60-L	L	60	63,50 (2,5")	23.37	15,77/15,82	45.47	1/2-13"	26.42	3.05	10.41
P2768.25A80-L	L	80	63,50 (2,5")	23.37	15,77/15,82	45.47	1/2-13"	26.42	3.05	10.41
P2768.25B35-R	R	35	63,50 (2,5")	49.28	15,77/15,82	31.75	1/2-13"	12.70	10.92	-
P2768-25B60	R	60	63,50 (2,5")	49.28	15,77/15,82	31.75	1/2-13"	12.70	10.92	-
P2768.25B80-R	R	80	63,50 (2,5")	49.28	15,77/15,82	31.75	1/2-13"	12.70	10.92	-
P2768.25B35-L	L	35	63,50 (2,5")	49.28	15,77/15,82	31.75	1/2-13"	12.70	10.92	-
P2768.25B60-L	L	60	63,50 (2,5")	49.28	15,77/15,82	31.75	1/2-13"	12.70	10.92	-
P2768.25B80-L	L	80	63,50 (2,5")	49.28	15,77/15,82	31.75	1/2-13"	12.70	10.92	-
P2768.40A35-R	R	35	101,60 (4")	23.37	15,77/15,82	45.47	1/2-13"	26.42	3.05	10.41
P2768.40A60-R	R	60	101,60 (4")	23.37	15,77/15,82	45.47	1/2-13"	26.42	3.05	10.41
P2768.40A80-R	R	80	101,60 (4")	23.37	15,77/15,82	45.47	1/2-13"	26.42	3.05	10.41
P2768.40A35-L	L	35	101,60 (4")	23.37	15,77/15,82	45.47	1/2-13"	26.42	3.05	10.41
P2768.40A60-L	L	60	101,60 (4")	23.37	15,77/15,82	45.47	1/2-13"	26.42	3.05	10.41
P2768.40A80-L	L	80	101,60 (4")	23.37	15,77/15,82	45.47	1/2-13"	26.42	3.05	10.41
P2768.40B35-R	R	35	101,60 (4")	49.28	15,77/15,82	31.75	1/2-13"	12.70	10.92	-
P2768.40B60-R	R	60	101,60 (4")	49.28	15,77/15,82	31.75	1/2-13"	12.70	10.92	-
P2768.40B80-R	R	80	101,60 (4")	49.28	15,77/15,82	31.75	1/2-13"	12.70	10.92	-
P2768.40B35-L	L	35	101,60 (4")	49.28	15,77/15,82	31.75	1/2-13"	12.70	10.92	-
P2768.40B60-L	L	60	101,60 (4")	49.28	15,77/15,82	31.75	1/2-13"	12.70	10.92	-
P2768.40B80-L	L	80	101,60 (4")	49.28	15,77/15,82	31.75	1/2-13"	12.70	10.92	-



Finned Roller roller only



P2770

MATERIAL HANDLING

Material

Nitrile, urethane or neoprene bonded to a steel insert. Hardness from 20-60 durometer (Shore A).

Technical Notes

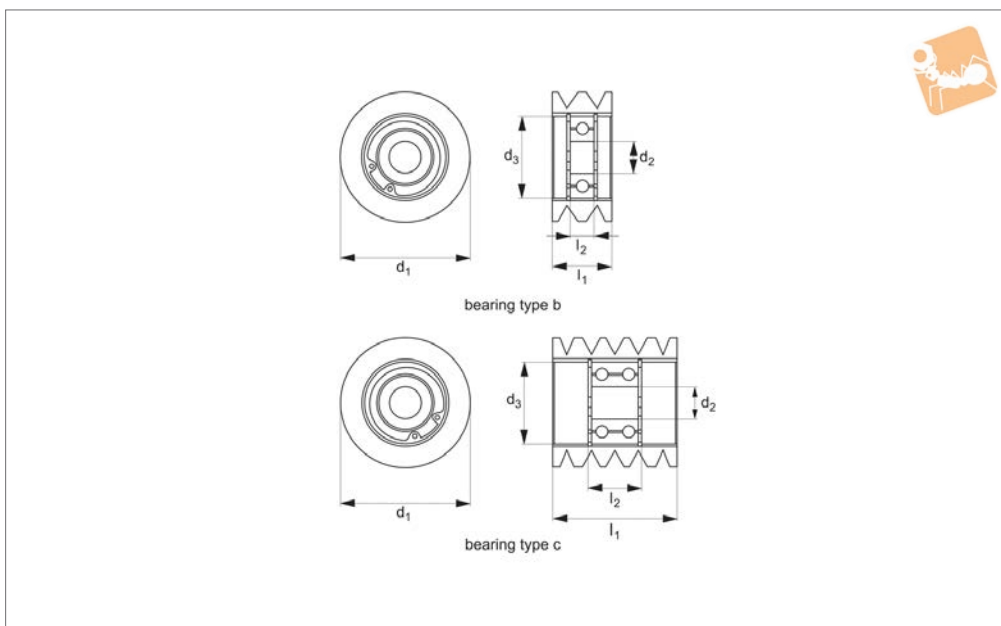
Roller only - allows for custom mounting.

Tips

Finned rollers have grooves on the surface, creating less surface contact with the workpiece, and allowing dirt, debris and liquid to pass.



P2772



Material

Nitrile, urethane or neoprene bonded to a steel insert. Hardness from 20-60 durometer (Shore A).

Technical Notes

Bearings included (held in place with snap

rings). For more details on bearings please see technical pages.

Tips

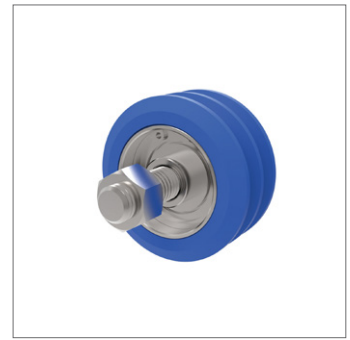
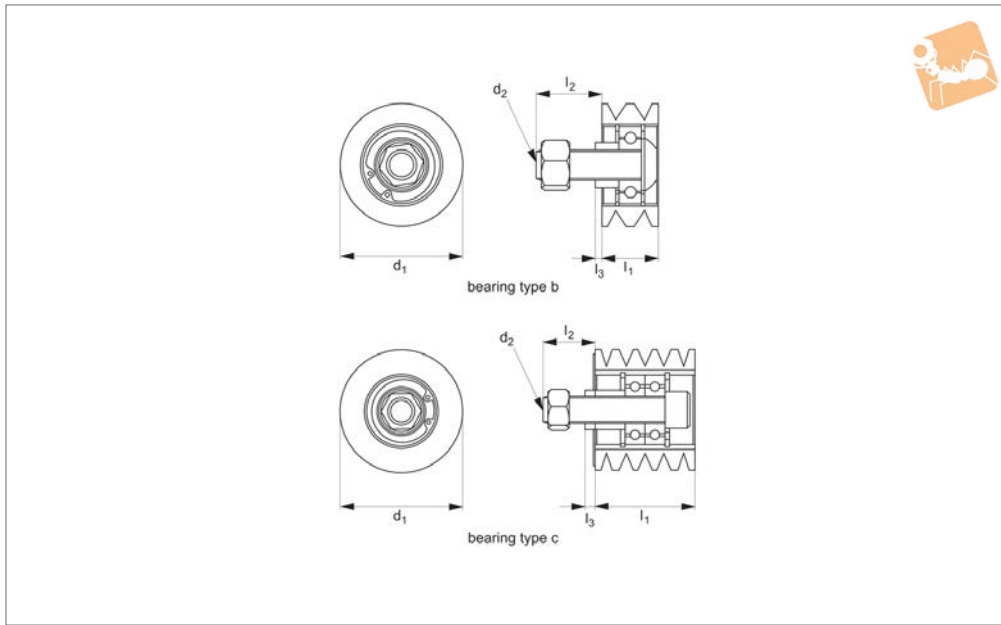
Finned rollers have grooves on the surface, creating less surface contact with the workpiece, and allowing dirt, debris and

liquid to pass.

Order No.	Material	Durometer	Bearing type	d ₁	l ₁	d ₂ -0 +0.13	d ₃ -0 +0.13	l ₂ -0 +0.13	No. of fins
P2772.20A20NI	Nitrile	20	B	50,8 (2")	23.37	12.7	31.62	9.40	3
P2772.20A35NI	Nitrile	35	B	50,8 (2")	23.37	12.7	31.62	9.40	3
P2772.20A60NI	Nitrile	60	B	50,8 (2")	23.37	12.7	31.62	9.40	3
P2772.20B20NI	Nitrile	20	C	50,8 (2")	49.28	12.7	31.62	18.92	6
P2772.20B35NI	Nitrile	35	C	50,8 (2")	49.28	12.7	31.62	18.92	6
P2772.20B60NI	Nitrile	60	C	50,8 (2")	49.28	12.7	31.62	18.92	6
P2772.25A20NI	Nitrile	20	B	63,5 (2,5")	23.37	12.7	31.62	9.40	3
P2772.25A35NI	Nitrile	35	B	63,5 (2,5")	23.37	12.7	31.62	9.40	3
P2772.25A60NI	Nitrile	60	B	63,5 (2,5")	23.37	12.7	31.62	9.40	3
P2772.20A35UR	Urethane	35	B	50,8 (2")	23.37	12.7	31.62	9.40	3
P2772.20A60UR	Urethane	60	B	50,8 (2")	23.37	12.7	31.62	9.40	3
P2772.20B35UR	Urethane	35	C	50,8 (2")	49.28	12.7	31.62	18.92	6
P2772.20B60UR	Urethane	60	C	50,8 (2")	49.28	12.7	31.62	18.92	6
P2772.25A35UR	Urethane	35	B	63,5 (2,5")	23.37	12.7	31.62	9.40	3
P2772.25A60UR	Urethane	60	B	63,5 (2,5")	23.37	12.7	31.62	9.40	3
P2772.20A20NP	Neoprene	20	B	50,8 (2")	23.37	12.7	31.62	9.40	3
P2772.20A35NP	Neoprene	35	B	50,8 (2")	23.37	12.7	31.62	9.40	3
P2772.20A60NP	Neoprene	60	B	50,8 (2")	23.37	12.7	31.62	9.40	3
P2772.20B20NP	Neoprene	20	C	50,8 (2")	49.28	12.7	31.62	18.92	6
P2772.20B35NP	Neoprene	35	C	50,8 (2")	49.28	12.7	31.62	18.92	6
P2772.20B60NP	Neoprene	60	C	50,8 (2")	49.28	12.7	31.62	18.92	6
P2772.25A20NP	Neoprene	20	B	63,5 (2,5")	23.37	12.7	31.62	9.40	3
P2772.25A35NP	Neoprene	35	B	63,5 (2,5")	23.37	12.7	31.62	9.40	3
P2772.25A60NP	Neoprene	60	B	63,5 (2,5")	23.37	12.7	31.62	9.40	3



Finned Roller stud mount



P2774

MATERIAL HANDLING

Material

Nitrile, urethane or neoprene bonded to a steel insert. Hardness from 20-60 durometer (Shore A).

Technical Notes

Bearings included (held in place with snap

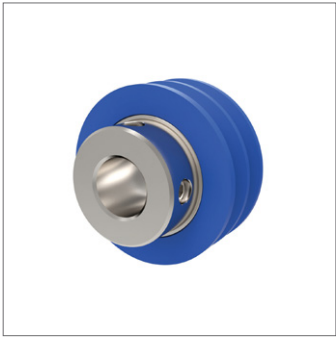
rings). For more details on bearings please see technical pages. Assembled with socket head cap screw, spacer and lock nut.

Tips

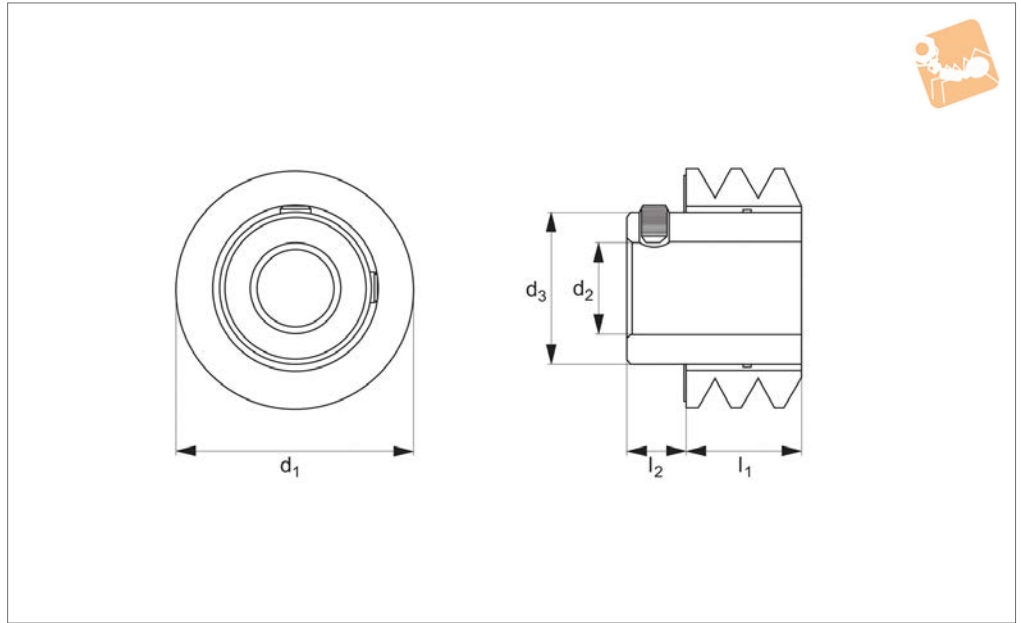
Finned rollers have grooves on the surface, creating less surface contact with the

workpiece, and allowing dirt, debris and liquid to pass.

Order No.	Material	Duro.	Bearing type	d ₁	l ₁	d ₂	l ₂	l ₃	No. of bearings	No. of fins
P2774.20A-20NI	Nitrile	20	B	50,8 (2")	23.37	41306	27.94	3.05	1	3
P2774.20A-35NI	Nitrile	35	B	50,8 (2")	23.37	41306	27.94	3.05	1	3
P2774.20A-60NI	Nitrile	60	B	50,8 (2")	23.37	41306	27.94	3.05	1	3
P2774.20B-20NI	Nitrile	20	C	50,8 (2")	49.27	41306	35.81	6.35	1	6
P2774.20B-35NI	Nitrile	35	C	50,8 (2")	49.27	41306	35.81	6.35	1	6
P2774.20B-60NI	Nitrile	60	C	50,8 (2")	49.27	41306	35.81	6.35	1	6
P2774.25A-20NI	Nitrile	20	B	63,5 (2")	49.27	41306	27.94	3.05	1	3
P2774.25A-35NI	Nitrile	35	B	50,8 (2")	49.27	41306	27.94	3.05	1	3
P2774.25A-60NI	Nitrile	60	B	50,8 (2")	49.27	41306	27.94	3.05	1	3
P2774.20A-35UR	Urethane	35	B	50,8 (2")	23.37	41306	27.94	3.05	1	3
P2774.20A-60UR	Urethane	60	B	50,8 (2")	23.37	41306	27.94	3.05	1	3
P2774.20B-35UR	Urethane	35	C	50,8 (2")	49.27	41306	35.81	6.35	1	6
P2774.20B-60UR	Urethane	60	C	50,8 (2")	49.27	41306	35.81	6.35	1	6
P2774.25A-35UR	Urethane	35	B	50,8 (2")	49.27	41306	27.94	3.05	1	3
P2774.25A-60UR	Urethane	60	B	50,8 (2")	49.27	41306	27.94	3.05	1	3
P2774.20A-20NP	Neoprene	20	B	50,8 (2")	23.37	41306	27.94	3.05	1	3
P2774.20A-35NP	Neoprene	35	B	50,8 (2")	23.37	41306	27.94	3.05	1	3
P2774.20A-60NP	Neoprene	60	B	50,8 (2")	23.37	41306	27.94	3.05	1	3
P2774.20B-20NP	Neoprene	20	C	50,8 (2")	49.27	41306	35.81	6.35	1	6
P2774.20B-35NP	Neoprene	35	C	50,8 (2")	49.27	41306	35.81	6.35	1	6
P2774.20B-60NP	Neoprene	60	C	50,8 (2")	49.27	41306	35.81	6.35	1	6
P2774.25A-20NP	Neoprene	20	B	63,5 (2")	49.27	41306	27.94	3.05	1	3
P2774.25A-35NP	Neoprene	35	B	50,8 (2")	49.27	41306	27.94	3.05	1	3
P2774.25A-60NP	Neoprene	60	B	50,8 (2")	49.27	41306	27.94	3.05	1	3



P2776



Material

Nitrile, urethane or neoprene bonded to a steel insert. Hardness from 20-60 durometer (Shore A).

Technical Notes

Designed to be mounted onto a shaft. A

hub extends past the roller and is supplied with two set screws at 90°.

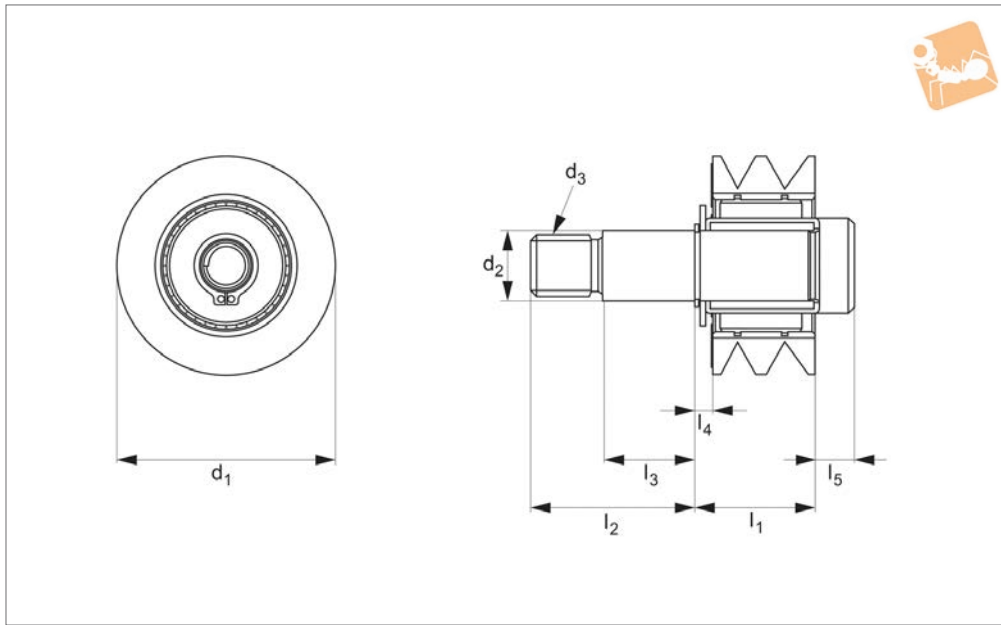
Tips

Finned rollers have grooves on the surface, creating less surface contact with the workpiece, and allowing dirt, debris and

liquid to pass.



Finned Roller clutch bearing



P2778

MATERIAL HANDLING

Material

Nitrile, urethane or neoprene bonded to a steel insert. Hardness from 20-60 durometer (Shore A).

Technical Notes

A clutch bearing allows the roller to turn in only one direction. Available in left or right hand rotation (with the stud pointed

upwards, a right hand rotation turns clockwise.

Type R = right hand clutch bearing.

Type L = left hand clutch bearing.

Supplied with type I bearings, please see technical page for more information on bearings.

Tips

Finned rollers have grooves on the surface, creating less surface contact with the workpiece, and allowing dirt, debris and liquid to pass.

No. of fins:

$l_1 = 23,37$ 3 fins

$l_1 = 49,28$ 6 fins

Order No.	Material	Duro.	Type	d ₁	l ₁	d ₂ +0.05	d ₃	l ₂	l ₃	l ₄	l ₅
P2778.20A-20NI-R	Nitrile	20	R	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2778.20A-35NI-R	Nitrile	35	R	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2778.20A-60NI-R	Nitrile	60	R	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2778.20A-20NI-L	Nitrile	20	L	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2778.20A-35NI-L	Nitrile	35	L	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2778.20A-60NI-L	Nitrile	60	L	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2778.20B-20NI-R	Nitrile	20	R	50.80	49.28	15.77	1/2-13"	31.75	23.62	10.42	-
P2778.20B-35NI-R	Nitrile	35	R	50.80	49.28	15.77	1/2-13"	31.75	23.62	10.42	-
P2778.20B-60NI-R	Nitrile	60	R	50.80	49.28	15.77	1/2-13"	31.75	23.62	10.42	-
P2778.20B-20NI-L	Nitrile	20	L	50.80	49.28	15.77	1/2-13"	31.75	23.62	10.42	-
P2778.20B-35NI-L	Nitrile	35	L	50.80	49.28	15.77	1/2-13"	31.75	23.62	10.42	-
P2778.20B-60NI-L	Nitrile	60	L	50.80	49.28	15.77	1/2-13"	31.75	23.62	10.42	-
P2778.25A-20NI-R	Nitrile	20	R	63.50	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.42
P2778.25A-35NI-R	Nitrile	35	R	63.50	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.42
P2778.25A-60NI-R	Nitrile	60	R	63.50	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.42
P2778.25A-20NI-L	Nitrile	20	L	63.50	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.42
P2778.25A-35NI-L	Nitrile	35	L	63.50	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.42
P2778.25A-60NI-L	Nitrile	60	L	63,50 (2,5")	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.42
P2778.20A-35UR-R	Urethane	35	R	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2778.20A-60NP-R	Urethane	60	R	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2778.20A-35UR-L	Urethane	35	L	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2778.20A-60NP-L	Urethane	60	L	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2778.20B-35UR-R	Urethane	35	R	50.80	49.28	15.77	1/2-13"	31.75	23.62	10.42	-
P2778.20B-60UR-R	Urethane	60	R	50.80	49.28	15.77	1/2-13"	31.75	23.62	10.42	-
P2778.20B-35UR-L	Urethane	35	L	50.80	49.28	15.77	1/2-13"	31.75	23.62	10.42	-
P2778.20B-60UR-L	Urethane	60	L	50.80	49.28	15.77	1/2-13"	31.75	23.62	10.42	-
P2778.25A-35UR-R	Urethane	35	R	63.50	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.42
P2778.25A-60UR-R	Urethane	60	R	63.50	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.42
P2778.25A-35UR-L	Urethane	35	L	63.50	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.42

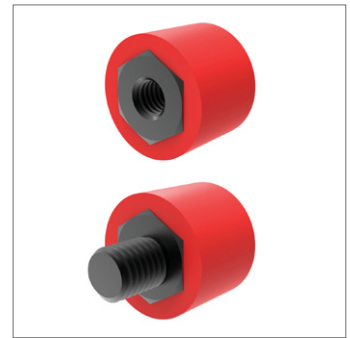
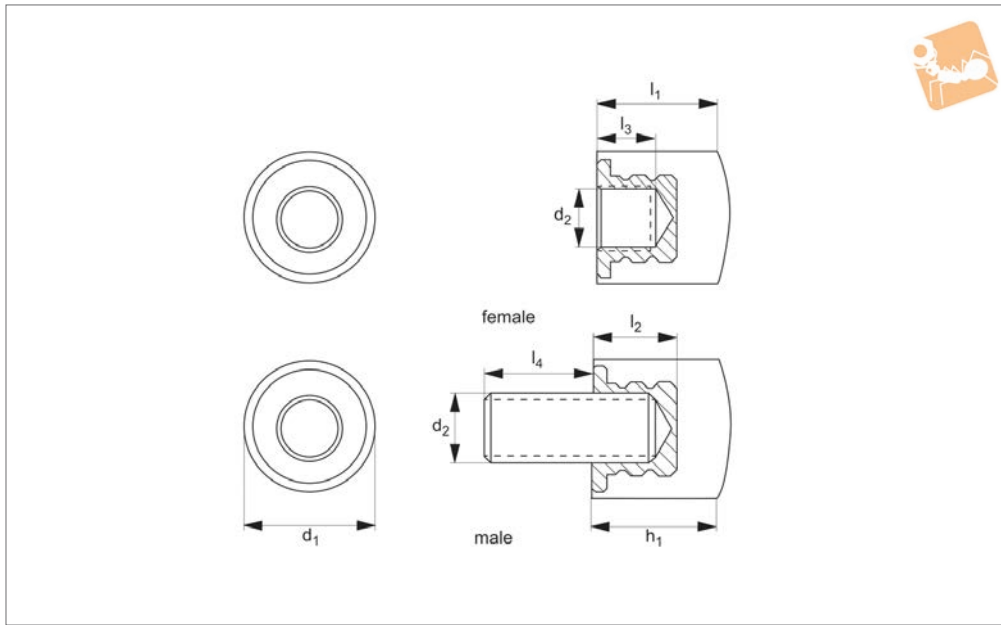


Order No.	Material	Duro.	Type	d ₁	l ₁	d ₂ +0.05	d ₃	l ₂	l ₃	l ₄	l ₅
P2778.25A-60UR-L	Urethane	60	L	63,50 (2,5")	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.42
P2778.20A-20NP-R	Neoprene	20	R	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2778.20A-35NP-R	Neoprene	35	R	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2778.20A-60NP-R	Neoprene	60	R	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2778.20A-20NP-L	Neoprene	20	L	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2778.20A-35NP-L	Neoprene	35	L	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2778.20A-60NP-L	Neoprene	60	L	50.80	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.41
P2778.20B-20NP-R	Neoprene	20	R	50.80	49.28	15.77	1/2-13"	31.75	23.62	10.42	-
P2778.20B-35NP-R	Neoprene	35	R	50.80	49.28	15.77	1/2-13"	31.75	23.62	10.42	-
P2778.20B-60NP-R	Neoprene	60	R	50.80	49.28	15.77	1/2-13"	31.75	23.62	10.42	-
P2778.20B-20NP-L	Neoprene	20	L	50.80	49.28	15.77	1/2-13"	31.75	23.62	10.42	-
P2778.20B-35NP-L	Neoprene	35	L	50.80	49.28	15.77	1/2-13"	31.75	23.62	10.42	-
P2778.20B-60NP-L	Neoprene	60	L	50.80	49.28	15.77	1/2-13"	31.75	23.62	10.42	-
P2778.25A-20NP-R	Neoprene	20	R	63.50	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.42
P2778.25A-35NP-R	Neoprene	35	R	63.50	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.42
P2778.25A-60NP-R	Neoprene	60	R	63.50	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.42
P2778.25A-20NP-L	Neoprene	20	L	63.50	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.42
P2778.25A-35NP-L	Neoprene	35	L	63.50	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.42
P2778.25A-60NP-L	Neoprene	60	L	63.50	23.37	15.77	1/2-13"	45.47	26.42	3.05	10.42



Metric Bumpers - Round

male and female



P2794

MATERIAL HANDLING

Material

Black Neoprene: flame and weather resistant. Resists: oil, ozone and gasoline. Temperature resistance: -5°C to +93°C (shortly +120°C).

Urethane: highly abrasion resistant, high strength and load bearing. High elonga-

tion and hardness. Resists ozone and oxygen. Temperature resistance: -18°C to +93°C (shortly +120°C).

Technical Notes

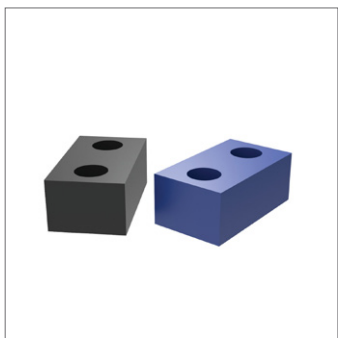
Bumpers are moulded to solid steel cores. They are used to guard, stop, align, posi-

tion, or protect parts through stages of manufacturing.

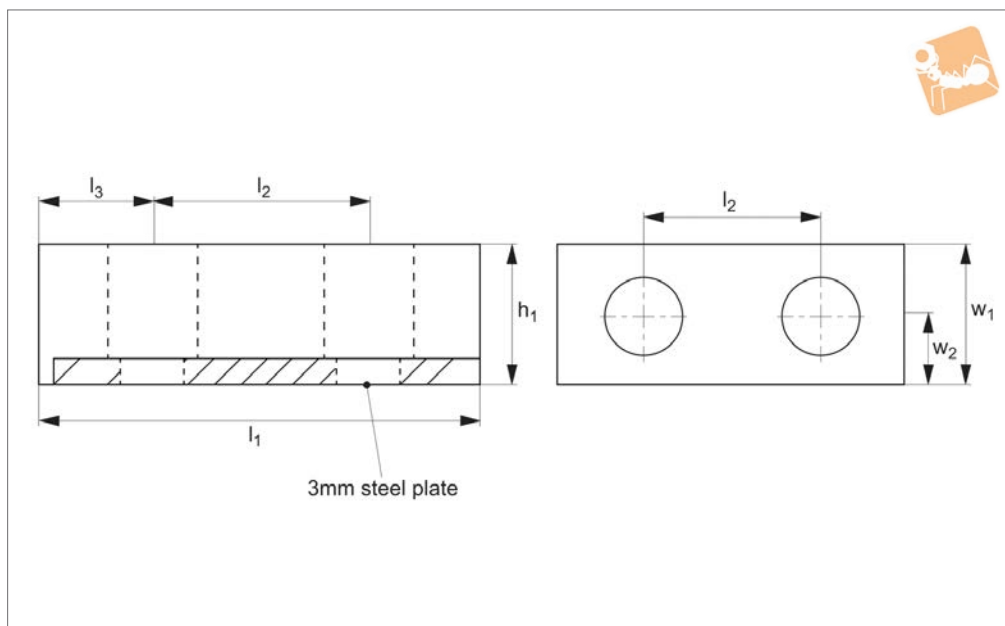
Tips

All dimensions metric.

Order No.	Material	Type	l_1	d_1	d_2	l_2	l_3	l_4	Durometer	Duro. urethane
P2794.M32-10C-N	Neoprene	Male	32	32	M10 x 1,50	19.0	-	15	40	80
P2794.F32-10-U	Urethane	Female	32	32	M10 x 1,50	19.0	13	-	40	80
P2794.M32-10C-U	Urethane	Male	32	32	M10 x 1,50	19.0	-	15	40	80



P2796



Material

Black Neoprene: flame and weather resistant. Resists: oil, ozone and gasoline. Temperature resistance: -5°C to +93°C (shortly +120°C).

Urethane: highly abrasion resistant, high strength and load bearing. High elonga-

tion and hardness. Resists ozone and oxygen. Temperature resistance: -18°C to +93°C (shortly +120°C).

Technical Notes

Bumpers bonded to steel plate. They are used to guard, stop, align, position, or

protect parts through stages of manufacturing.

Tips

All dimensions metric. Special cut bumpers available on request.

Order No.	Material	l_1	d_1	h_1	w_1	l_2	l_3	w_2	Duro.	No. of holes
P2796.510	Neoprene	44.45	6	19.0	25.4	25.4	9.5	12.7	35	2
P2796.511	Neoprene	19.0	6	16.0	19.0	-	9.5	9.5	80	1
P2796.512	Neoprene	63.5	6	16.0	16.0	38.1	12.7	7.9	80	2
P2796.515	Neoprene	44.45	6	19.0	25.4	25.4	9.5	12.7	80	2
P2796.516	Neoprene	50.8	-	50.8	50.8	-	-	-	80	-
P2796.001	Urethane	19.0	6	16.0	19.0	-	9.5	9.5	60	1
P2796.002	Urethane	63.5	6	16.0	16.0	38.1	12.7	7.9	60	2
P2796.003	Urethane	44.45	6	9.5	25.4	25.4	9.5	12.7	60	2
P2796.004	Urethane	44.45	6	12.7	25.4	25.4	9.5	12.7	60	2
P2796.005	Urethane	44.45	6	19.0	25.4	25.4	9.5	12.7	60	2
P2796.011	Urethane	19.0	6	16.0	19.0	-	9.5	9.5	80	1
P2796.012	Urethane	63.5	6	16.0	16.0	38.1	12.7	7.9	80	2
P2796.013	Urethane	44.45	6	9.5	25.4	25.4	9.5	12.7	80	2
P2796.014	Urethane	44.45	6	12.7	25.4	25.4	9.5	12.7	80	2
P2796.015	Urethane	44.45	6	19.0	25.4	25.4	9.5	12.7	80	2
P2796.016	Urethane	50.8	-	50.8	50.8	-	-	-	80	-