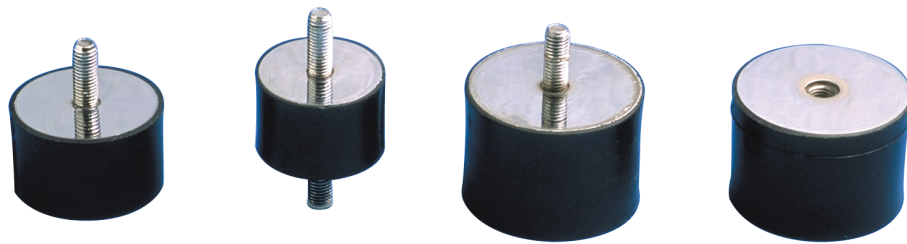


RADIAFLEX®

RADIAFLEX® INOX



DESCRIPTION

- Metalwork : mild steel, plated.
- Natural rubber, bonded, cylindrically shaped.
- Fixing by screws, nuts or mixed.

European thread standards are not always consistent with French thread standards so Paulstra has created the Radiaflex® Europe range based on those standards.

The end stop version is now available with a threaded hole in addition to the threaded stud.

CHARACTERISTICS

The design of the RADIAFLEX® mount gives the following basic characteristics:

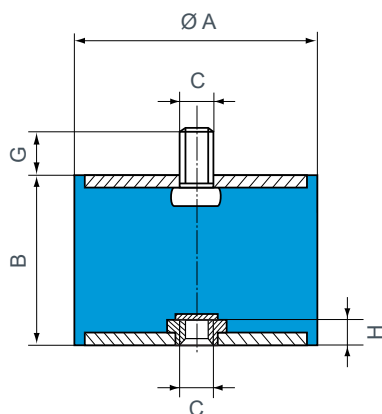
- radial elasticity greater than axial elasticity.
- the rubber works in :
 - compression (axial),
 - shear (radial),
 - compression/shear according to the fixing method.

Advantages

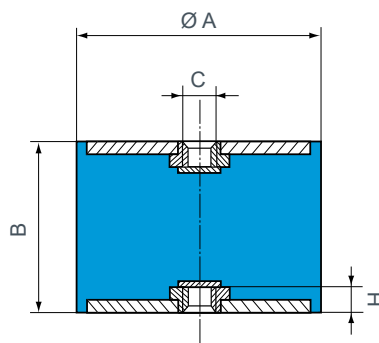
- Simple to fix.
- Simple and economical.
- Extensive range

DIMENSIONS AND COMPRESSIVE LOADS

Combination fixing



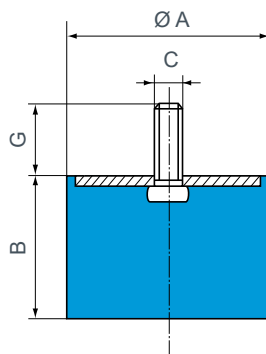
2 threaded holes



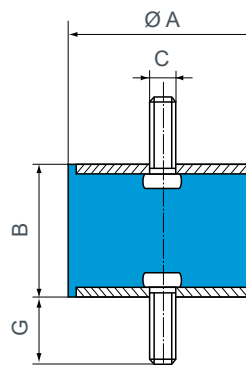
Ø A (mm)	B (mm)	C	G (mm)	H (mm)	Compression		Shear*		Ref.
					Max. load (daN)	Deflection (mm)	Max. load (daN)	Deflection (mm)	
16	10	M4	10	2	20	1,5	2,5	1,5	520053 520054
	15					3		2,5	
	10	M5	12	3	20	1,5	2,5	1,5	520010 520011 520012 520013
	15				20	3	2,5	2	
20	15				15	4	2,5	4	
	20				15	5	2	5	
	25								
	30								
25	15	M6	16,5	4	35	2,5	5	2,5	520015 520016 520017 520018
	20				30	4,5	5	5	
	25				30	5,5	4,5	4,5	
	30				25	7	4,5	4,5	
25,5	25	M6	18	4	40	3,5	9	5	520062 520052 520055 520057
	15				60	2,5	8	8,5	
	20				50	3,5	8	4	
	30				50	7,5	8	6	
25,5	22	M8	20	6	50	3,5	8	4	520021 520022 520023 520024
	25				50	5	8	4,5	
	30				50	7,5	8	6	
	40				50	10	6	6	
30	15	M8	25	6	90	3	11	2,5	520025 520026 520027 520028
	22				80	4,5	11	4	
	30				70	7,5	11	6	
	40				60	9	11	7,5	
40	30	M8	20	6	150	4,5	20	5,5	520056 520058 520029 520030 520031 520032 520033
	40				120	10	20	7,5	
	20				160	4	20	3	
	28				150	5	20	5,5	
50	35	M10	25	8	120	7,5	20	6,5	520036/15 520047 520048 520035 520063 520036
	40				120	10	20	7,5	
	45				120	11	20	9	
	45				190	11	25	9	
50	20	M10	28	8	300	3	35	9,8	520047 520048 520035 520063 520036
	30				190	5	34	9,8	
	35				250	8	25	7	
	40				170	7	34	8,5	
60	45	M10	25	8	190	11	25	9	520061 520038 520039 520040 520041 520042
	45				300	8	30	7	
	36				250	10	30	9	
	45				250	10	30	9	
70	35	M10	25	9	450	7,5	35	6,5	520040 520041 520042 520070
	50				350	10	35	11	
	50				300	14	35	15	
	70				450	7	80	8,5	
75	40	M12	35	8	450	7	80	8,5	520071 520072 520059 520044 520045 520046
	45				400	7	80	9	
	55				380	10	80	12	
	30				600	8	40	7	
80	40	M14	35	12	600	8	40	7	520044 520045 520046 520100 520101 520102 520103
	40				600	8	40	7	
	70				500	17	40	15	
	80				450	19	40	17	
100	40	M16	47	14	1 100	6	60	7	520100 520101 520102 520103
	55				900	12	60	10	
	80				750	19	60	17	
	100				600	18	60	20	

Ø A (mm)	B (mm)	C	H (mm)	Compression		Shear*		Ref.
				Max. load (daN)	Deflection (mm)	Max. load (daN)	Deflection (mm)	
16	10	M4	2,5	20	1,5	2,5	1,5	520550 520551
	15			20	3	2,5	2	
	10	M5	3	20	1,5	2,5	1,5	520500 520501 520502 520503
	15			20	3	2,5	2	
20	15			15	4	2,5	4	
	20			15	5	2	5	
	25							
	30							
25,5	15	M6	4	35	0,5	5	2,5	520505 520506 520507 520508
	20			30	4,5	5	3,5	
	25			30	5,5	4,5	4,5	
	30			25	7	4,5	4,5	
25,5	20	M6	4	50	3	8	4	520554 520555 520511 520512 520513 520514
	30			50	7,5	8	6	
	40			50	10	6	6	
	22	M8	6	50	3	8	4	
30	25			50	4,5	8	4,5	
	30			50	7,5	8	6	
	40			50	10	6	6	
40	22	M8	6	80	4	11	4	520516 520517 520518 520552 520553
	30			70	7,5	11	6	
	40			60	9	11	7,5	
	40			150	4,5	20	5,5	
40	28	M10	8	120	10	20	7,5	
	35			120	7	20	6,5	
	40			120	10	20	7,5	
	45			120	11	20	9	
50	35	M10	8	250	7	25	7	520525 520526 520524 520527 520533
	45			190	10	25	9	
	30			190	5	34	6	
	40			170	7	34	8,5	
60	40	M10	10	160	9	34	11	
	36			300	7	30	7	520528 520529
	45			250	9	30	9	
	45			450	7	35	6,5	520530 520531 520532
70	35	M10	9	350	9	35	11	
	50			300	14	35	15	
	70			450	7	80	8,5	520558 520557
	75			380	10	80	12	
80	40	M12	13	450	7	80	8,5	520556 520534 520535 520536
	55			600	7	40	7,5	
	40			600	7	40	7	
	70			500	17	40	15	
100	80	M14	12	450	19	40	17	
	40			600	4	60	7	520541 520542 520545 520546 520543 520547
	55			900	12	60	10	
	60			1 100	8	180	10	
100	75	M16	14	600	10	140	12	
	80			750	19	60	17	
	80			600	18	60	20	
	100			600	18	60	20	

1 threaded stud



2 threaded studs



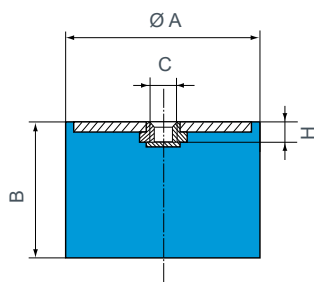
Ø A (mm)	B (mm)	C	G (mm)	Compression		Ref.
				Max. load (daN)	Deflection (mm)	
12,5	10	M5	10	12	2	511110
	13,5			11	2,5	511128
	15			10	3	511115
	20			8	3,5	511125
16	10	M4	10	20	2	511150
	15			20	3	511151
	10	M5	12	20	2	511292
	15			20	3	511294
	20			15	4	511296
20	5	M6	10	77	0,6	511206
	8,5			40	1,5	51120011
	8,5	M6	16,5	40	1,5	511200
	15			35	4	511215
	20			30	5	511220
	25			30	5,5	511225
	30			25	7	511230
25,5	10	M6	18	80	2	511158
	15			60	3,5	511155
	20			50	5	511159
	30			50	8	511160
	5	M8	20	82	0,6	51126550
	10			80	2	511265
	15			60	3,5	511270
	15	M8	12	60	3,5	51127013
	19			55	4,5	511251
	22	M8	20	50	5,5	511275
	25			50	6	511280
	30			50	8	511285
	40			50	10	511290
30	15	M8	25	90	3,5	511308
	22			80	6	511310
	30			70	8	511312
	40			60	9	511314
40	20	M8	20	160	5	511411
	30			120	7	511157
	40			120	10	511161
	40			120	10	511161
50	20	M10	25	160	5	511450
	25			150	6	511401
	35			120	8	511452
	40			120	10	511454
60	25	M10	25	200	6	511525
	35			250	9	511535
	45			190	11	511545
	45			190	11	511545
70	22	M10	25	350	3	513601
	25			400	6	511625
	36			300	9	511635
	45			250	11	511645
75	35	M10	25	450	9	511735
	50			350	12	511750
	70			300	14	511770
	70			300	14	511770
80	25	M12	37	600	4,5	511751
	30			600	4,5	511751
	40			600	4,5	511751
	80			600	4,5	511751

See current price list for availability of items.

Ø A (mm)	B (mm)	C	G (mm)	Compression		Shear*		Ref.
				Max. load (daN)	Deflection (mm)	Max. load (daN)	Deflection (mm)	
10	8	M3	6	10	1,6	1,25	0,9	
12	8	M3	6	12	1,2	1,5	0,75	
12,5	10	M5	10	12	2	1,5	1,5	521293
	10			3	2,5	2	521128	
	20			8	3,5	2,5	4	521295
16	10	M4	10	20	1,5	2,5	1,5	521650
	15			3		2	521651	
	10	M5	12	20	1,5	2,5	1,5	521292
	15			20	3	2,5	2	521294
	20			15	4	2,5	4	521296
25	15			5	2	5	521298	
20	8,5	M6	16,5	40	0,6	5	1	521178
	15			35	3	5	2,5	521249
	20			30	4,5	5	3,5	521297
	25			30	5,5	4,5	4,5	521299
	30			25	7	4,5	4,5	521319
25	25	M6	18	40	3,5	9	3,5	521654
25,5	10	M6	18	80	1,5	8	1,5	521655
	15			60	2,5	8	2,5	521656
	20			50	2	8	4	521652
	30			50	7,5	8	6	521653
	10	M8	20	80	1,5	8	1,5	521340
	15			60	2,5	8	2,5	521341
	22			50	4	8	4	521251
	25			50	5,5	8	4,5	521342
30	50	7,5	8	6	521343			
40	50	10	6,5	6	521344			
30	15	M8	25	90	3	11	2,5	521308
	22			80	5	11	4	521310
	30			70	8	11	6	521312
	40			60	9	11	7,5	521314
40	30	M8	20	150	6	20	5,5	521181
	40			120	10	20	7,5	521657
	20	M10	25	160	4	20	3	521450
	28			150	6	20	5,5	521401
	35			120	8	20	6,5	521452
40	120			10	20	7,5	521454	
45	120	11	20	9	521456			
50	20	M10	25	300	3	35	3,5	521583
	25		300	6	25	4,5	521580	
	30		25	190	5	34	6	521584
	35		25	250	8	25	7	521581
	40		28	170	7	34	8,5	521585
	45		25	190	11	25	9	521582
	45	M10	15	190	11	25	9	52158215
60	25	M10	24	160	9	34	11	521586
	36		400	5	30	4,5	521601	
	45		300	8	30	7	521603	
70	35	M10	25	250	11	30	9	521641
	50		450	8	35	6,5	521705	
	70		350	11	35	11	521710	
75	25	M12	37	600	4,5	80	5	521712
	55		35	450	7	80	8,5	521713
	55		37	380	10	80	12	521714
80	40	M12	28	600	9	40	7	521658
	30	M14	45	950	7	40	5	521803
	30		35	950	7	40	5	521840
	40		35	600	9	40	7	521841
	70		35	500	17	40	15	521842
	80		35	450	19	40	17	521843
100	40	M16	47	1 100	8	60	7	521908
	55		900	12	60	10	521909	
	80		750	19	60	17	521910	

* The shear characteristics are measured under axial load.

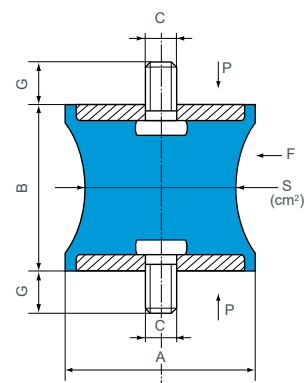
1 threaded hole



Ø A (mm)	B (mm)	C	H (mm)	Compression		Ref.
				Maxi. load (daN)	Deflection (mm)	
16	10	M4	2,5	20	2	511152 511153
	15			20	3	
20	15	M6	4	35	4	511154
25,5	15	M6	4	60	3,5	511164 511162 511163
	20			55	5,5	
	30			50	8	
30	22	M8	6	80	6	511156
40	28	M8	7	110	5	511178
	40	M8	15	100	7,5	511179
50	20	M10	10	343	3,4	511168 511180
	30			190	5	
	40	M10	8	170	7	511181
60	25	M10	8	400	6	511182 511183
	45			250	11	
75	25	M12	12	600	4,5	511184
	40	M12	10	450	7	511185

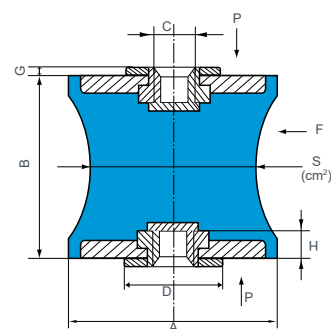
Diabolo mounts

Ø A (mm)	B (mm)	C	G (mm)	Ø S (mm)	Compression (P)		Shear* (F)		Ref.
					Max. load (daN)	Deflec- tion (mm)	Max. load (daN)	Deflec- tion (mm)	
12,5	14	M5	10	0,3	3	1,4	0,5	1,2	521300
20	19	M6	16,5	1,6	12	2,5	3	5	521201
40	28	M10	25	3,1	30	5	2,5	4,5	521403
57	44	M8	20	5	40	5	7	5	521571
57	44	M8	20	9,5	75	5	12	6	521572
60	60	M10	25	19,5	150	8	30	10	521602
80	70	M14	35	38,5	300	9,5	55	9,5	521801
95	76	M16	45	50	400	9,5	70	8	521951

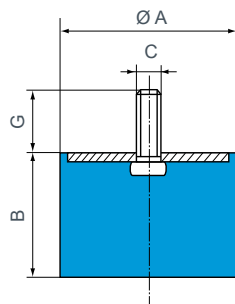


Ø A (mm)	B (mm)	C	Ø S (mm)	H (mm)	G (mm)	D (mm)	Compression (P)		Shear* (F)		Ref.
							Max. load (daN)	Deflec- tion (mm)	Max. load (daN)	Deflec- tion (mm)	
80	60	M14	38,5	15,5	3	30	250	5	70	8	521802

* Shear characteristics' are measured under axial load.

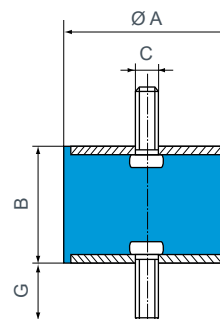


1 threaded stud



430 Stainless steel

2 threaded studs



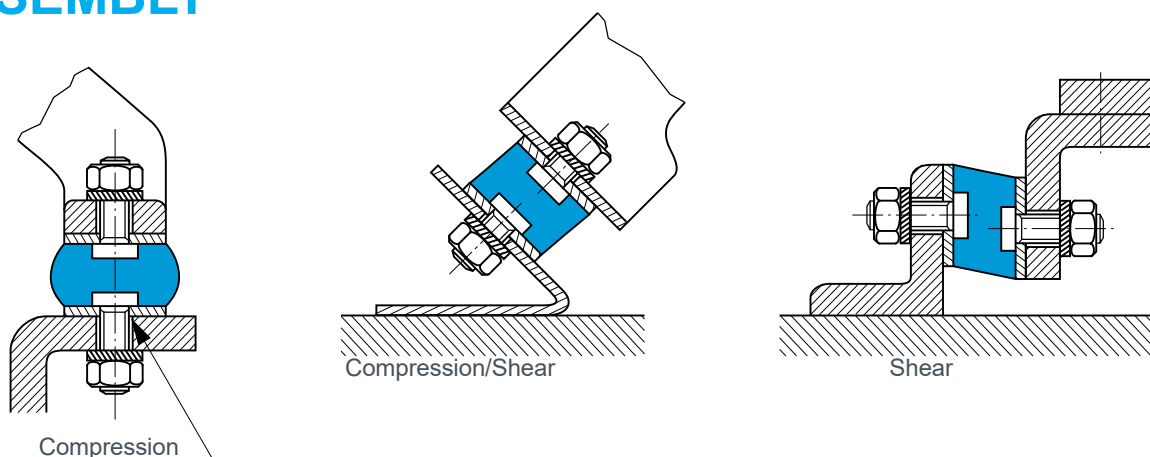
430 Stainless steel

Ø A (mm)	B (mm)	C	G (mm)	Compression		Ref.
				Max load (daN)	Deflec- tion (mm)	
16	25	M5	15	20	2	51129212
25	10	M6	40	80	2	51115811
30	30	M8	25	70	8	51131201

Ø A (mm)	B (mm)	C	G (mm)	Compression		Shear*		Ref.
				Max load (daN)	Deflec- tion (mm)	Max load(- daN)	Deflec- tion (mm)	
16	25	M5	15	15	5	2	5	52129811
20	20 25	M6	16,5	30	4,5 5,5	5 4,5	3,5 4,5	52129721 52129911
25,5	30 40	M6 M8	28 20	50	7,5 10	8 6,5	6	52165311 52134411
30	22 30	M8	25	80 70	5 8	11	4 6	52131021 52131221
40	28 40	M10	25	150 120	6 10	50 20	5,5 7,5	52140111 52145411
50	25 35 45	M10	25	300 250 190	6 8 11	25	4,5 7 9	52158021 52158111 52158211

* Shear characteristics* are measured under axial load.

ASSEMBLY



The fixing holes for the Radiaflex mounts should have a chamfer with a depth equal to the pitch of the thread.