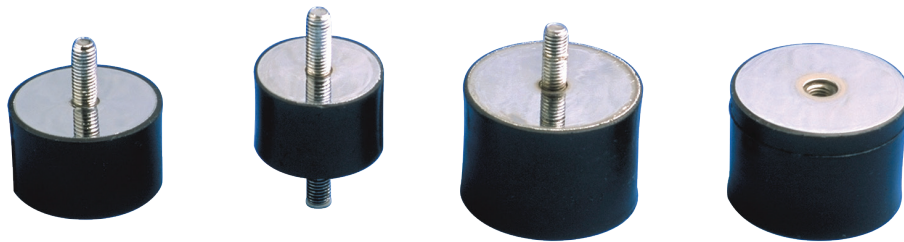


RADIAFLEX®

STAINLESS STEEL RADIAFLEX®



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:

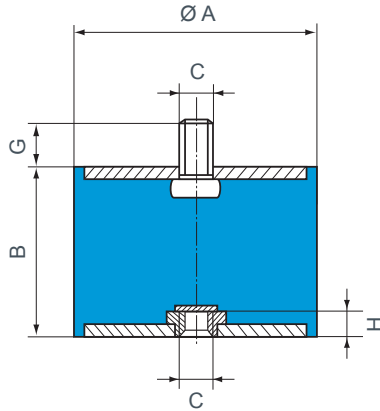
- radial elasticity greater than axial elasticity.
- the rubber works in :
 - compression (axial),
 - shear (radial),
 - compression/shear according to the fixing method.

Advantages

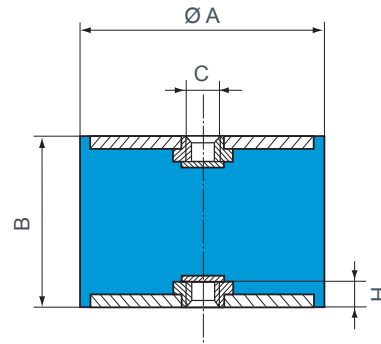
- Simple to fix.
- Simple and economical.
- Extensive range

DIMENSIONS AND COMPRESSIVE LOADS

Combination fixing



2 threaded holes



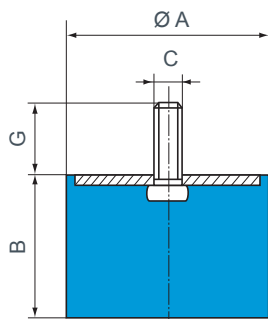
Ø A (mm)	B (mm)	C	G (mm)	H (mm)	Compression		Shear*		Ref.				
					Max. load (daN)	Deflection (mm)	Max. load (daN)	Deflection (mm)					
16	10	M4	10	2	20	1,5	2,5	1,5	520053				
	15				3	2,5		2					
	10	M5			12	3	20	1,5	2,5	1,5	520010		
	15						3	2,5	2	520011			
20	4	2,5	4	520012									
25	5	2	5	520013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

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	
	15			3	2,5	2	520551		
	10	M5		3	20	1,5	2,5	1,5	520500
	15				3	2,5	2	520501	
20	4		2,5		4	520502			
25	5	2	5		520503				
20	15	M6	4	35	2,5	5	2,5	520505	
	20			4,5	5	3,5	520506		
	25			5,5	4,5	4,5	520507		
	30			7	4,5	4,5	520508		
25,5	20	M6	4	50	3	8	4	520554	
	30			7,5	8	6	520555		
	22	M8		6	50	3	8	4	520511
	25				4,5	8	4,5	520512	
	30				7,5	8	6	520513	
40	10	6	6		520514				
30	22	M8	6		80	4	11	4	520516
	30			7,5	11	6	520517		
	40			9	11	7,5	520518		
40	30	M8	6	150	4,5	20	5,5	520552	
	40			10	20	7,5	520553		
	28	M10		8	150	4,5	20	5,5	520520
	35				7	20	6,5	520521	
40	10	20	7,5		520522				
45	11	20	9		520523				
50	35	M10	8	250	7	25	7	520525	
	45			10	25	9	520526		
50	30	M10	10	190	5	34	6	520524	
	40			7	34	8,5	520527		
	50			9	34	11	520533		
60	36	M10	8	300	7	30	7	520528	
	45			9	30	9	520529		
70	35	M10	9	450	7	35	6,5	520530	
	50			9	35	11	520531		
	70			14	35	15	520532		
75	40	M12	13	450	7	80	8,5	520558	
	55			10	80	12	520557		
80	40	M12	10	600	7	40	7,5	520556	
	40			M14	12	600	7	40	7
	70	17				40	15	520535	
	80	19				40	17	520536	
100	40	M16	14	600		4	60	7	520541
	55			12	60	10	520542		
	60			8	180	10	520545		
	75			10	140	12	520546		
	80			19	60	17	520543		
	100			18	60	20	520547		

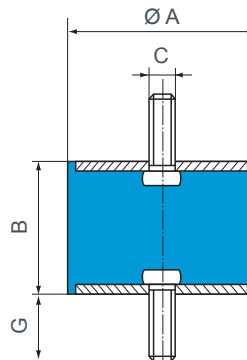
The Ø 16 studs and tapped holes are equipped with RAPID nuts. Tightening torque corresponding to 1.8 N.m.

The Ø 16 studs and tapped holes are equipped with RAPID nuts. Tightening torque corresponding to 1.8 N.m.

1 threaded studs



2 threaded studs



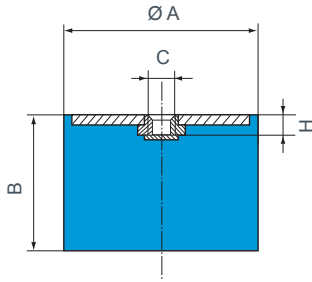
Ø A (mm)	B (mm)	C	G (mm)	Compression		Ref.
				Max. load (daN)	Deflection (mm)	
12,5	10	M5	10	12	2	511110
	13,5			11	2,5	511128
	15			10	3	511115
	20			8	3,5	511125
16	10	M4	10	20	2	511150
	15			3	511151	
	10	M5	12	20	2	511292
	15			20	2	51129212
	15			20	3	511294
	20			15	4	511296
25	15	5	511298			
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
	10			80	2	51115811
	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	M8	20	55	4,5	511251
	22			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
	30			70	8	51131201
	40			60	9	511314
40	20	M8	20	160	5	511411
	30			120	7	511157
	40			120	10	511161
	20	M10	25	160	5	511450
	25			150	6	511401
	35			120	8	511452
40	120			10	511454	
45	120	11	511456			
50	25	M10	25	300	6	511525
	35			250	9	511535
	45			190	11	511545
	25			300	6	511580
	30			250	8	511581
60	22	M10	25	350	3	513601
	25			400	6	511625
	36			300	9	511635
	45			250	11	511645
	35			450	9	511735
	70			300	14	511770
75	25	M12	37	600	4,5	511751
	30			950	6	513801
	40			600	10	511840
80	35	M14	35	500	17	511870
	40			450	19	511880
	70			500	17	511870
	80			450	19	511880

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)			
12,5	10	M5	10	12	2	1,5	1,5	521293		
	15			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	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		
25	15	5	5	2	5	52129811				
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		
	20			30	4,5	5	3,5	52129721		
	25			30	5,5	4,5	4,5	521299		
	30			25	7	4,5	4,5	52129911		
25	25	M6	18	40	3,5	9	3,5	521654		
25,5	10	M6	18	80	1,5		1,5	521655		
	15			60	2,5	2,5	2	521656		
	20			50	2	4	4	521652		
	30			50	7,5	6	6	521653		
	30	50	7,5	6	6	52165311				
	10	M8	20	80	0,7	8	0,7	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			
40	50	10	6,5	6	52134411					
30	15	M8	25	90	3		2,5	521308		
	22			80	5	4	4	521310		
	22			80	5	4	4	52131021		
	30			70	8	6	6	521312		
	40			70	8	6	6	52131221		
40	60	9	7,5	7,5	521314					
40	30	M8	20	150	6	20	5,5	521181		
	40			120	10	7,5	7,5	521657		
	20	M10	25	160	4		3	521450		
	28			150	6	5,5	5,5	521401		
	28			150	6	5,5	5,5	52140111		
	35			120	8	6,5	6,5	521452		
40	120			10	7,5	7,5	521454			
45	120			11	7,5	9	52145411			
45	120	11	7,5	9	521456					
50	20	M10	25	300	3	35	3,5	521583		
	25			300	6	25	4,5	521580		
	25			300	6	25	4,5	52158021		
	30			250	5	34	6	521584		
	35			250	8	25	7	521581		
	35			250	8	25	8,5	52158111		
	40			280	7	34	9	521585		
	45			250	11	25	9	521582		
	45			250	11	25	9	52158211		
	45			M10	15	190	11	25	9	52158215
	50			M10	24	160	8,9	34	11	521586
60	25	M10	25	400	5	30	4,5	521601		
	36			300	8	30	7	521603		
	45			250	11	30	9	521641		
70	35	M10	25	450	8	35	6,5	521705		
	50			350	11	35	11	521710		
	50			350	11	35	11	521710		
	70			300	14	35	15	521711		
75	25	M12	37	600	4,5	80	5	521712		
	40			450	7	80	8,5	521713		
	55			380	10	80	12	521714		
80	40	M12	28	600	9	40	7	521658		
	30			45	7	40	5	521803		
	30	M14	35	950	7	40	5	521840		
	40			600	9	40	7	521841		
	70			350	17	40	15	521842		
	80			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.

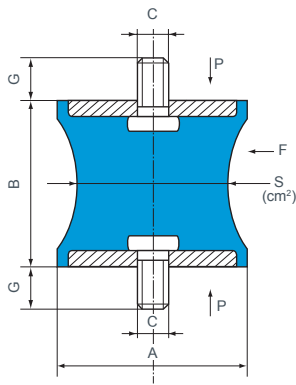
1 threaded hole



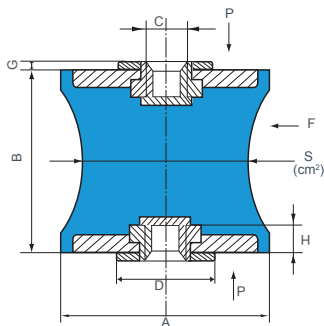
Ø A (mm)	B (mm)	C	H (mm)	Compression		Ref.
				Maxi. load (daN)	Deflection (mm)	
16	10	M4	2,5	20	2	511152 511153
				20	3	
20	15	M6	4	35	4	511154
				60	3,5	
25,5	20	M6	4	55	5,5	511164 511162 511163
				50	8	
				80	6	
30	22	M8	6	110	5	511178
				100	7,5	
40	28	M8	7	343	3,4	511168 511180
				190	5	
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

The Ø 16 studs and tapped holes are equipped with RAPID nuts.
Tightening torque corresponding to 1.8 N.m.

Diabolo mounts



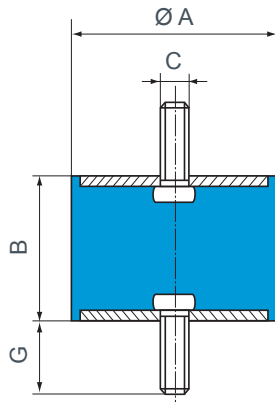
Ø A (mm)	B (mm)	C	G (mm)	Ø S (mm)	Compression (P)		Shear* (F)		Ref.
					Max. load (daN)	Deflection (mm)	Max. load (daN)	Deflection (mm)	
12,5	14	M5	10	0,3	3	1,4	0,5	1,2	521300
20	19	M6	16,5	1,6	12	2,5	3	5	521201
40	28	M10	25	3,1	30	5	2,5	4,5	521403
57	44	M8	20	5	40	5	7	5	521571
57	44	M8	20	9,5	75	5	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	10,5	70	8	521951



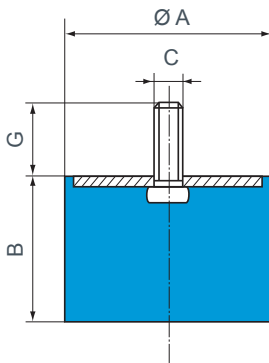
Ø A (mm)	B (mm)	C	Ø S (mm)	H (mm)	G (mm)	D (mm)	Compression (P)		Shear* (F)		Ref.
							Max. load (daN)	Deflection (mm)	Max. load (daN)	Deflection (mm)	
80	60	M14	38,5	15,5	3	30	250	5	70	8	521802

* Shear characteristics' are measured under axial load.

430 STAINLESS STEEL RADIAFLEX

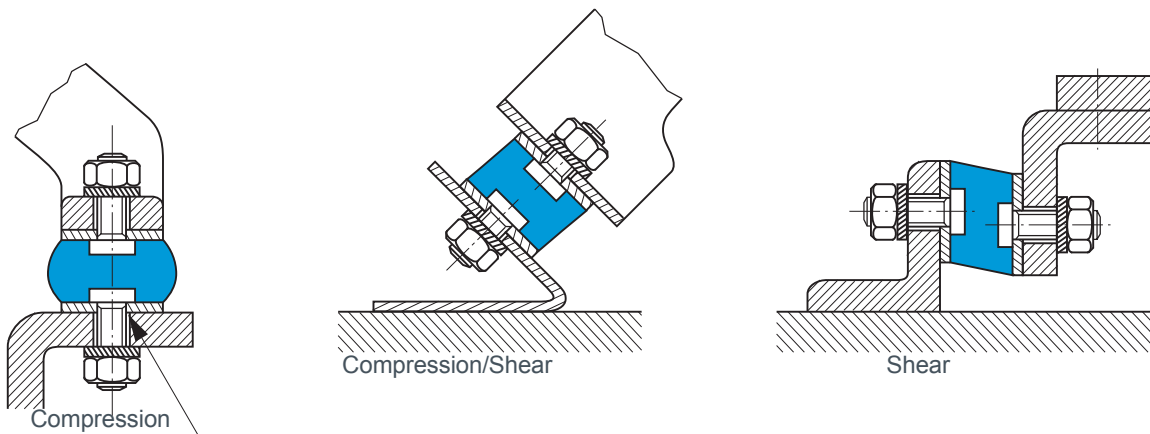


Ø A (mm)	B (mm)	C	G (mm)	Max Load (daN)	Reference
16	25	M5	15	15	52129811
20	20	M6	16,5	30	52129721
20	25	M6	16,5	30	52129911
25,5	30	M6	18	50	52165311
25,5	40	M8	20	50	52134411
30	22	M8	25	80	52131021
30	30	M8	25	70	52131221
40	28	M10	25	150	52140111
40	40	M10	25	120	52145411
50	25	M10	25	300	52158021
50	35	M10	25	250	52158111
50	45	M10	25	190	52158211



Ø A (mm)	B (mm)	C	G (mm)	Max Load (daN)	Reference
16	10	M5	12	20	51129212
25	10	M6	18	80	51115811
30	30	M8	25	70	51129212

ASSEMBLY



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