

# 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:

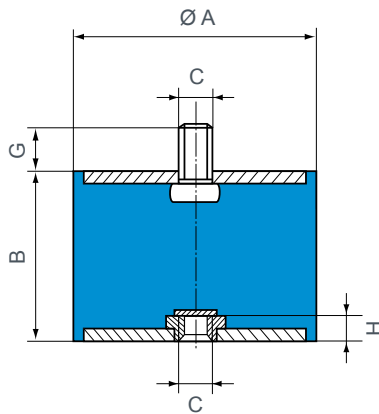
- radial elasticity greater than axial elasticity.
- the rubber works in :
  - compression (axial),
  - shear (radial),
  - compression/shear according to the fixing method.

### Advantages

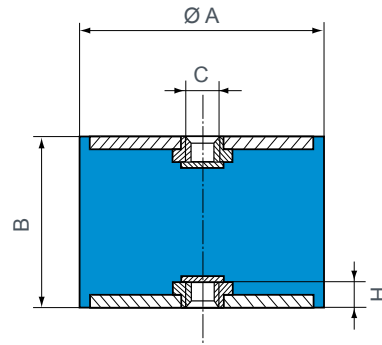
- Simple to fix.
- Simple and economical.
- Extensive range

# DIMENSIONS AND COMPRESSIVE LOADS

Combination fixing



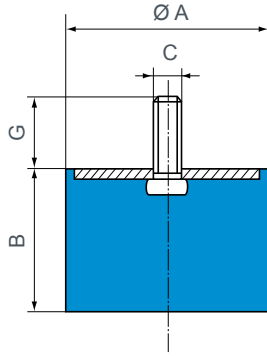
2 threaded holes



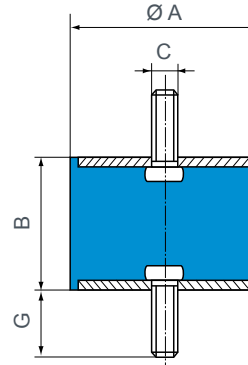
Ø A (mm)	B (mm)	C	G (mm)	H (mm)	Compression		Shear*		Ref.
					Max. load (daN)	Deflection (mm)	Max. load (daN)	Deflection (mm)	
16	10	M4	10	2	20	1,5	2,5	1,5	520053 520054
	15				3	2,5			
	10	M5	12	3	20	1,5	1,5	520010 520011 520012 520013	
	15				3	2,5			
20	4				2,5				
20	15	M6	16,5	4	35	2,5	2,5	520015 520016 520017 520018	
	20				30	4,5	5		
	25				30	5,5	4,5		
	30				25	7	4,5		
25	25	M6	18	6	40	3,5	9	5	520062
25,5	15	M6	18	4	60	2,5	8	8,5	520052 520055 520057
	20				3,5	8	4		
	30				7,5	8	6		
	22	M8	20	6	50	3,5	8	4	520021 520022 520023 520024
	25				5	8	4,5		
30	7,5				8	6			
40	50	10	6	6					
30	15	M8	25	6	90	3	11	2,5	520025 520026 520027 520028
	22				4,5	11	4		
	30				7,5	11	6		
	40				9	11	7,5		
40	30	M8	20	6	150	4,5	20	5,5	520056 520058
	40				10	20	7,5		
	40				120	10	20		
	20	M10	25	8	160	4	20	3	520029 520030 520031 520032 520033
	28				5	20	5,5		
	35				7,5	20	6,5		
40	120	10	20	7,5					
45	120	11	20	9					
50	45	M10	15	8	190	11	25	9	520036/15
	20	M10	28	8	300	3	35	9,8	520047 520048 520035 520063 520036
	30				5	34	9,8		
	35				8	25	7		
	40				7	34	8,5		
	45				11	25	9		
60	36	M10	25	8	300	8	30	7	520038 520039
45	10				30	9			
70	35	M10	25	9	450	7,5	35	6,5	520040 520041 520042
	50				10	35	11		
	70				14	35	15		
	300				14	35	15		
75	40	M12	35	8	450	7	80	8,5	520070
75	45	M12	30	10	400	7	80	9	520071 520072
	55				10	80	12		
	380				10	80	12		
80	40	M12	28	10	600	8	40	7	520059
	70				8	40	7		
	40	M14	35	12	600	8	40	7	520044 520045 520046
	70				17	40	15		
80	450	19	40	17					
100	40	M16	47	14	1 100	6	60	7	520100 520101 520102 520103
	55				12	60	10		
	80				19	60	17		
	750				19	60	17		
	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			3	2,5	2		
	10	M5	3	20	1,5	2,5	1,5	520500 520501 520502 520503
	15			3	2,5	2		
20	4			2,5	4			
20	15	M6	4	35	2,5	5	2,5	520505 520506 520507 520508
	20			30	4,5	5		
	25			30	5,5	4,5		
	30			25	7	4,5		
25,5	20	M6	4	50	3	8	4	520554 520555
	30			7,5	8	6		
	22	M8	6	50	3	8	4	520511 520512 520513 520514
	25			4,5	8	4,5		
	30			7,5	8	6		
40	50	10	6	6				
30	22	M8	6	80	4	11	4	520516 520517 520518
	30			7,5	11	6		
	40			9	11	7,5		
40	30	M8	6	150	4,5	20	5,5	520552 520553
	40			10	20	7,5		
	28	M10	8	150	4,5	20	5,5	520520 520521 520522 520523
	35			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
45	10			25	9			
50	30	M10	10	190	5	34	6	520524 520527 520533
	40			7	34	8,5		
	50			9	34	11		
60	36	M10	8	300	7	30	7	520528 520529
	45			9	30	9		
70	35	M10	9	450	7	35	6,5	520530 520531 520532
	50			9	35	11		
	70			14	35	15		
75	40	M12	13	450	7	80	8,5	520558 520557
	55			10	80	12		
80	40	M12	10	600	7	40	7,5	520556
	70			7	40	7		
	40	M14	12	600	7	40	7	520534 520535 520536
	70			17	40	15		
80	450	19	40	17				
100	40	M16	14	600	4	60	7	520541 520542 520545 520546 520543 520547
	55			12	60	10		
	60			8	180	10		
	75			10	140	12		
	80			19	60	17		
	100			18	60	20		

1 threaded studs



2 threaded studs



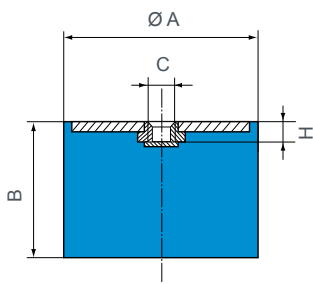
Ø A (mm)	B (mm)	C	G (mm)	Compression		Ref.			
				Max. load (daN)	Deflection (mm)				
12,5	10	M5	10	12	2	511110			
	13,5			11	2,5	511128			
	15			10	3	511115			
	20			8	3,5	511125			
16	10	M4	10	20	2	511150			
	15			3	511151				
	10	M5	12	20	2	511292			
	15			3	511294				
20	4			511296					
25	15	5	511298						
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	30			7	511230				
25	50			8	511158				
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	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			
	40			60	9	511314			
40	20	M8	20	160	5	511411			
	30			120	7	511157			
	40			120	10	511161			
	40			120	10	511161			
	20	M10	25	160	5	511450			
	25			150	6	511401			
35	M10	25	120	8	511452				
40			120	10	511454				
45			120	11	511456				
45			120	11	511456				
50	25	M10	25	300	6	511525			
	35			250	9	511535			
	45			190	11	511545			
	45			190	11	511545			
	45			190	11	511545			
60	22	M10	25	350	3	513601			
	25			400	6	511625			
	36			300	9	511635			
	45			250	11	511645			
	45			250	11	511645			
70	35	M10	25	450	9	511735			
	50			350	12	511750			
	70			300	14	511770			
75	25	M12	37	600	4,5	511751			
	40			35	450	7	511712		
	40			35	450	7	511713		
	55			37	380	10	511714		
80	40	M12	28	600	9	40	7	521658	
	40			600	9	40	7	521658	
	30	M14	35	45	950	7	40	5	521803
	30			950	7	40	5	521840	
	40			600	9	40	7	521841	
	70			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	
	80			750	19	60	17	521910	

See current price list for availability of items.

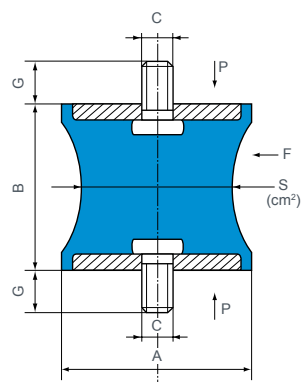
Ø A (mm)	B (mm)	C	G (mm)	Compression		Shear*		Ref.		
				Max. load (daN)	Deflection (mm)	Max. load (daN)	Deflection (mm)			
10	8	M3	6	10	1,6	1,25	0,9			
12	8	M3	6	12	1,2	1,5	0,75			
12,5	10	M5	10	12	2	1,5	1,5	521293		
	15			3	2,5	2	521128			
	20			8	3,5	4	521295			
16	10	M4	10	20	1,5	2,5	1,5	521650		
	15			3	2	521651				
	10	M5	12	20	1,5	2,5	1,5	521292		
	15			3	2,5	2	521294			
	20			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
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		
	30			50	7,5	8	6	521653		
25,5	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			25	6	25	4,5	521580		
	30			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
	50			M10	24	160	9	34	11	521586
	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		
	70			300	14	35	15	521711		
75	25	M12	37	600	4,5	80	5	521712		
	40			35	450	7	80	8,5	521713	
	40			35	450	7	80	8,5	521713	
	55			37	380	10	80	12	521714	
80	40	M12	28	600	9	40	7	521658		
	40			600	9	40	7	521658		
	30	M14	35	45	950	7	40	5	521803	
	30			950	7	40	5	521840		
	40			600	9	40	7	521841		
	70			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		
	80			750	19	60	17	521910		

\* The shear characteristics are measured under axial load.

### 1 threaded hole

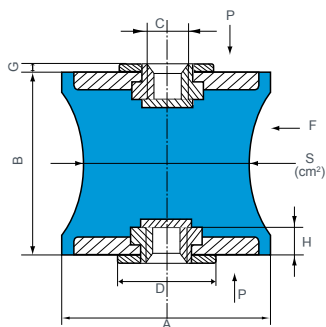


### Diabolo mounts



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

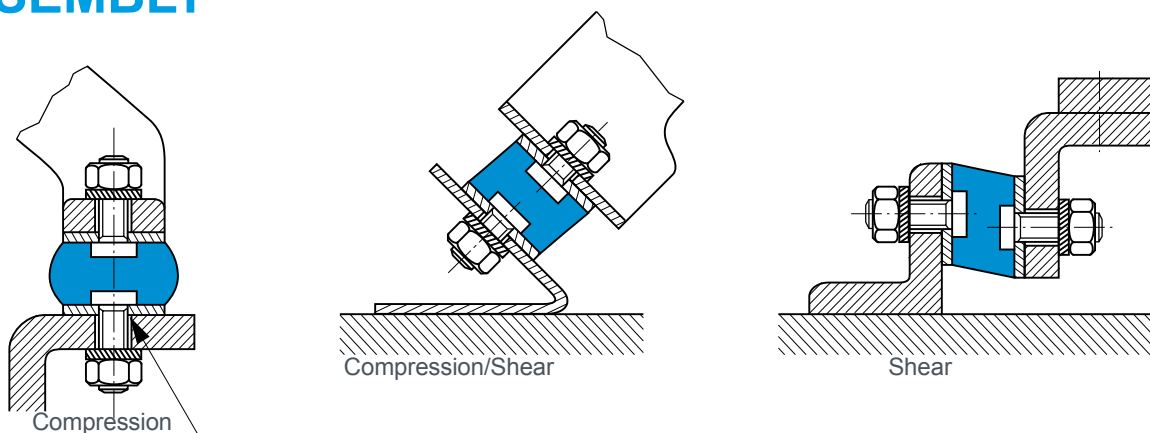
Ø A (mm)	B (mm)	C	G (mm)	Ø S (mm)	Compression (P)		Shear* (F)		Ref.
					Max. load (daN)	Deflection (mm)	Max. load (daN)	Deflection (mm)	
12,5	14	M5	10	0,3	3	1,4	0,5	1,2	521300
20	19	M6	16,5	1,6	12	2,5	3	5	521201
40	28	M10	25	3,1	30	5	2,5	4,5	521403
57	44	M8	20	5	40	5	7	5	521571
57	44	M8	20	9,5	75	5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

## ASSEMBLY



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