

# 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:

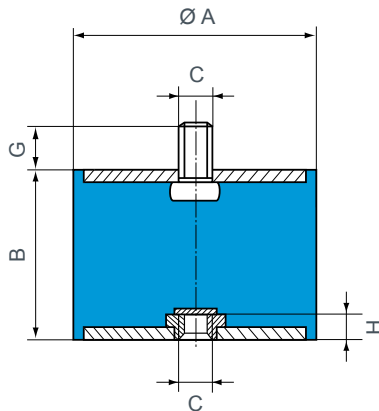
- radial elasticity greater than axial elasticity.
- the rubber works in :
  - compression (axial),
  - shear (radial),
  - compression/shear according to the fixing method.

### Advantages

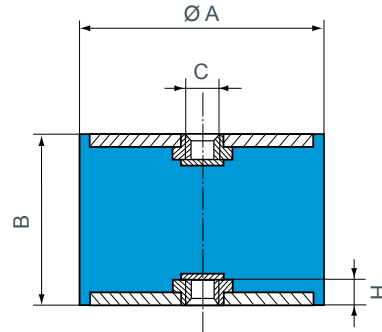
- Simple to fix.
- Simple and economical.
- Extensive range

# DIMENSIONS AND COMPRESSIVE LOADS

Combination fixing



2 threaded holes



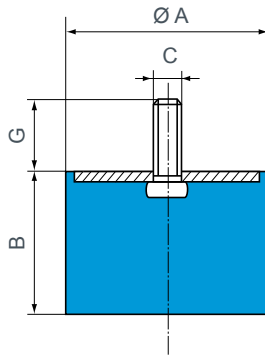
Ø A (mm)	B (mm)	C	G (mm)	H (mm)	Compression		Shear*		Ref.
					Max. load (daN)	Deflection (mm)	Max. load (daN)	Deflection (mm)	
16	10	M4	10	2	20	1,5	2,5	1,5	520053
	15				3	2,5	2,5		
	15	M5	12	3	20	1,5	2,5	1,5	520010
	20				3	2,5	2		
	25				4	2,5	4		
20	15	M6	16,5	4	35	2,5	5	2,5	520015
	20				4,5	5	5		
	25				5,5	4,5	4,5		
	30				7	4,5	4,5		
	30				7	4,5	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
	20				3,5	8	4		
	30				7,5	8	6		
	22	M8	20	6	50	3,5	8	4	520021
	25				5	8	4,5		
30	7,5				8	6			
40	10	6	6	6					
30	15	M8	25	6	90	3	11	2,5	520025
	22				4,5	11	4		
	30				7,5	11	6		
	40				9	11	7,5		
	40				9	11	7,5		
40	30	M8	20	6	150	4,5	20	5,5	520056
	40				10	20	7,5		
	20	M10	25	8	160	4	20	3	520029
	28				5	20	5,5		
	35				7,5	20	6,5		
40	10				20	7,5			
45	11	20	9	520032					
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		
	35				8	25	7		
	40				7	34	8,5		
45	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		
70	35	M10	25	9	450	7,5	35	6,5	520040
	50				10	35	11		
	70				14	35	15		
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		
80	40	M12	28	10	600	8	40	7	520059
	70				8	40	7		
80	40	M14	35	12	600	8	40	7	520044
	70				17	40	15		
	80				19	40	17		
100	40	M16	47	14	1 100	6	60	7	520100
	55				12	60	10		
	80				19	60	17		
	80				19	60	17		
	100				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
	15			3	2,5	2		
	10	M5	3	20	1,5	2,5	1,5	520500
	15			3	2,5	2		
	20			4	2,5	4		
25	5	2	5					
20	15	M6	4	35	2,5	5	2,5	520505
	20			4,5	5	3,5		
	25			5,5	4,5	4,5		
	30			7	4,5	4,5		
	30			7	4,5	4,5		
25,5	20	M6	4	50	3	8	4	520554
	30			7,5	8	6		
	22	M8	6	50	3	8	4	520511
	25			4,5	8	4,5		
	30			7,5	8	6		
40	10	6	6					
30	22	M8	6	80	4	11	4	520516
	30			7,5	11	6		
	40			9	11	7,5		
40	30	M8	6	150	4,5	20	5,5	520552
	40			10	20	7,5		
	28			M10	8	150	4,5	
35	7	20	6,5					
40	10	20	7,5					
45	11	20	9	520523				
50	35	M10	8	250	7	25	7	520525
	45			10	20	7,5		
50	30	M10	10	190	5	34	6	520524
	40			7	34	8,5		
	50			9	34	11		
60	36	M10	8	300	7	30	7	520528
	45			9	30	9		
70	35	M10	9	450	7	35	6,5	520530
	50			9	35	11		
	70			14	35	15		
75	40	M12	13	450	7	80	8,5	520558
	55			10	80	12		
80	40	M12	10	600	7	40	7,5	520556
	40			7	40	7		
	70			17	40	15		
80	19	40	17					
100	40	M16	14	600	4	60	7	520541
	55			12	60	10		
	60			8	180	10		
	75			10	140	12		
	80			19	60	17		
100	18	60	20					

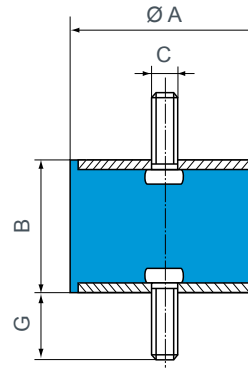
The Ø 16 studs and tapped holes are equipped with RAPID nuts. Tightening torque corresponding to 1.8 N.m.

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



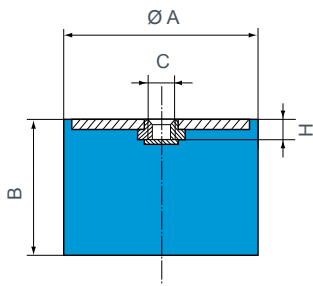
Ø A (mm)	B (mm)	C	G (mm)	Compression		Ref.	
				Max. load (daN)	Deflection (mm)		
12,5	10	M5	10	12	2	511110	
	13,5			11	2,5	511128	
	15			10	3	511115	
	20			8	3,5	511125	
16	10	M4	10	20	2	511150	
	15			3	511151		
	10	M5	12	20	2	511292	
	15			3	511294		
20	4			511296			
25	15	5	511298				
20	5	M6	10	77	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	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			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	
	25			120	7	511157	
	30			120	10	511161	
	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	
60	22	M10	25	350	3	513601	
	25			400	6	511625	
	36			300	9	511635	
	40			300	9	511635	
	45			250	11	511645	
70	35	M10	25	450	9	511735	
	50			350	12	511750	
	50			300	14	511770	
	70			300	14	511770	
75	25	M12	37	600	4,5	511751	
	40			35	950	8	513801
	40			35	950	8	511830
	70			35	600	10	511840
	80			35	500	17	511870
80	25	M14	35	450	19	511880	
	30			35	950	8	511830
	40			35	600	10	511840
	70			35	500	17	511870
	80			35	450	19	511880

See current price list for availability of items.

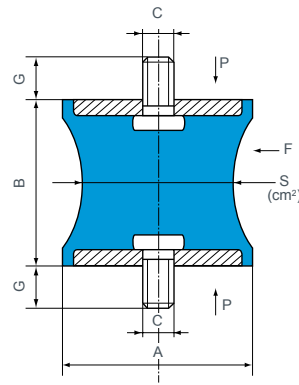
Ø A (mm)	B (mm)	C	G (mm)	Compression		Shear*		Ref.	
				Max. load (daN)	Deflection (mm)	Max. load (daN)	Deflection (mm)		
10	8	M3	6	10	1,6	1,25	0,9		
12	8	M3	6	12	1,2	1,5	0,75		
12,5	10	M5	10	12	2	1,5	1,5	521293	
	15			3	2,5	2	521128		
	20			8	3,5	4	521295		
16	10	M4	10	20	1,5	2,5	1,5	521650	
	15			3	2,5	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	2,5	521249		
	20			30	4,5	5	521297		
	25			30	5,5	4,5	521299		
	30			25	7	4,5	521319		
	30			25	7	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			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			190	5	34	6	521584	
	35			250	8	25	7	521581	
	40			170	7	34	8,5	521585	
	45			190	11	25	9	521582	
	45			M10	15	190	11	25	9
50	M10	24	160	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	
	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	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



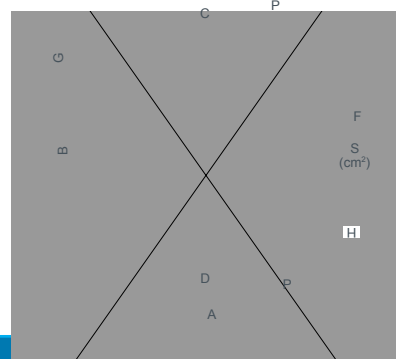
Diabolo mounts



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			5,5		
	30			8		
30	22	M8	6	80	6	511156
	28			110	5	
40	40	M8	15	100	7,5	511179
	20			343	3,4	
50	30	M10	10	190	5	511168 511180
	40			170	7	
	25			400	6	
60	45	M10	8	250	11	511182 511183
	25			600	4,5	
75	40	M12	10	450	7	511185
	25			600	4,5	

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

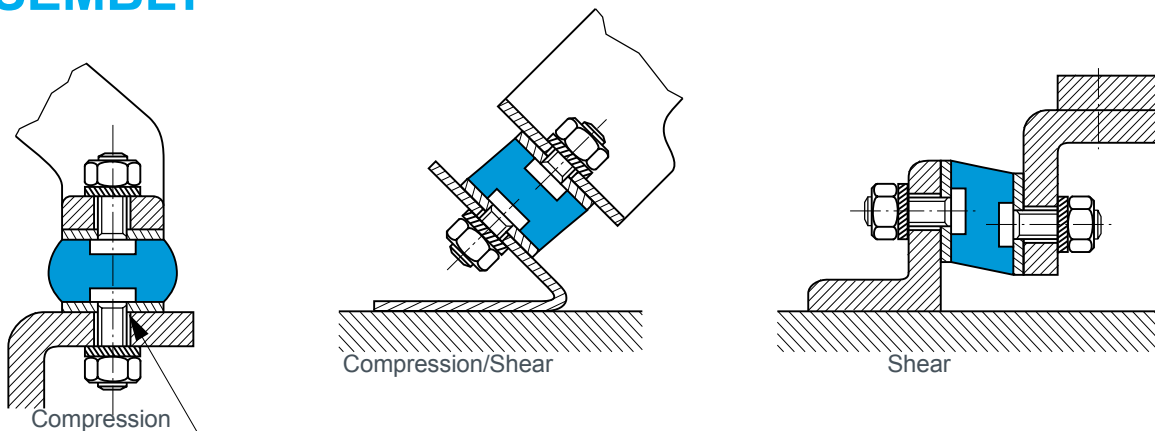
The Ø 16 studs and tapped holes are equipped with RAPID nuts.  
Tightening torque corresponding to 1.8 N.m.



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.