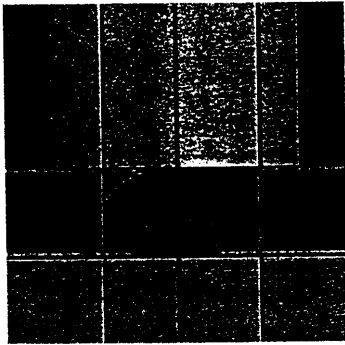
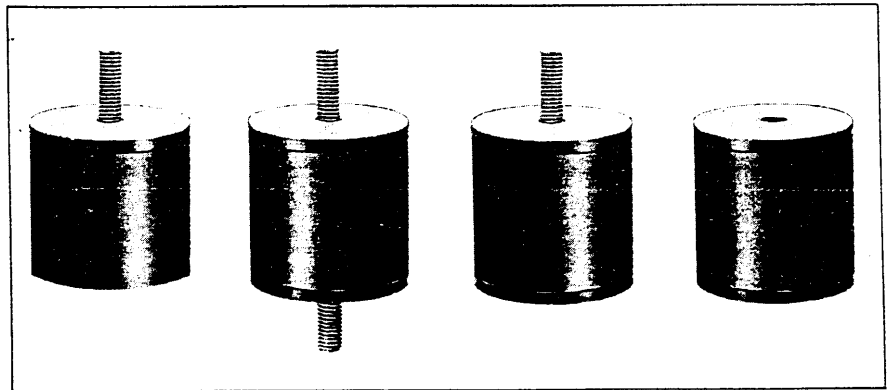


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# RADIAFLEX



## DESCRIPTION

- Metalwork : Mild Steel, Plated.
- Natural rubber, bonded.
- Fixings: 4 options (male/male, male/female, female/female, male one end only).

## CHARACTERISTICS

The design of the RADIAFLEX mount gives the following basic characteristics.

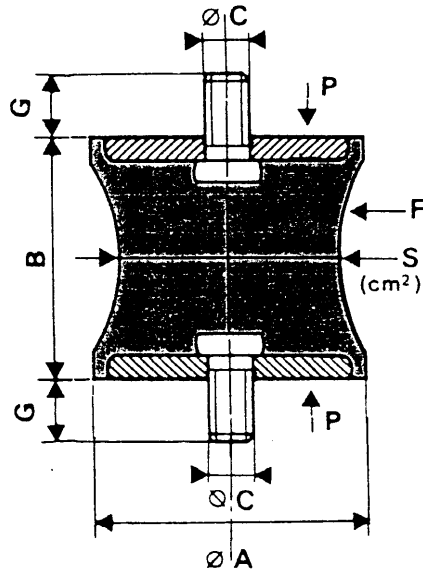
- Radial flexibility greater than axial flexibility
- The rubber works in
  - compression (axial)
  - shear (radial)
  - compression / shear, depending according to the fixing method.

### Advantages

- Simple to fix.
- Simple and economical.
- Extensive range
  - 11 mount diameters;
  - variety of heights for each diameter;
  - 4 methods of fixing.

### Recommendations

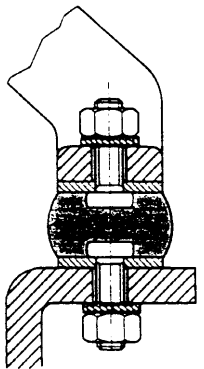
- Operation in shear is very useful for vibration isolation provided that the radial forces are not too great.



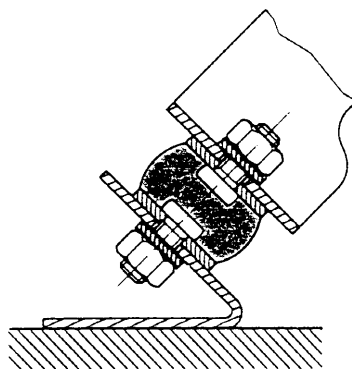
$\varnothing A$ mm	B mm	$\varnothing C$ mm	G mm	S cm <sup>2</sup>	Weght mm	Compression		Shear		Ref
						Max load daN	Deflection mm	Max load daN	Deflection mm	
12,5	14	M5	10	0,3	5	3	1,4	0,5	1,2	521 300
20	19	M6	16,5	1,6	18	12	2,5	3	5	521 201
40	28	M10	25	3,1	110	30	5	2,5	4,5	521 403
57	44	M8	20	5	150	40	5	7	5	521 571
57	44	M8	20	9,5	150	75	5	12	6	521 572
60	60	M10	25	19,5	310	150	8	30	10	521 602
80	70	M14	35	38,5	780	300	9,5	55	9,5	521 801
95	76	M16	45	50	1240	400	9,5	70	8	521 951

See current price list for availability of items.

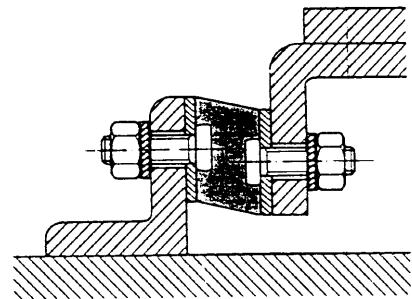
## ASSEMBLY



Compression

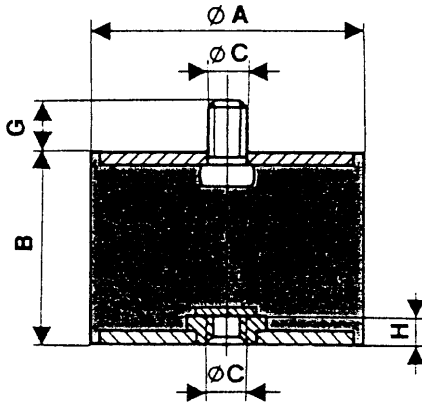


Compression / Shear

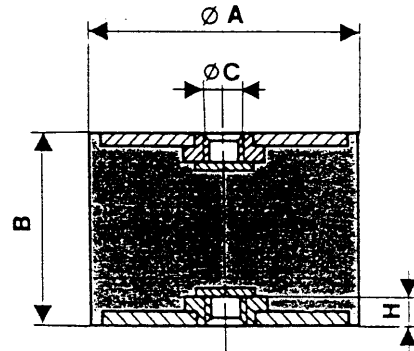


Shear

COMBINATION FIXING



THREADED HOLE FIXING



ØA mm	B mm	ØC mm	G mm	H mm	Compression		Shear *		Ref
					Max Load daN	Deflection mm	Max Load daN	Deflection mm	
16	10	M5	12	3	20	1.5	2.5	1.5	520010*
	15				20	3	2.5	2	520011
	20				15	4	2.5	4	520012
	25				15	5	2	5	520013
20	15	M6	16.5	4	35	2.5	5	2.5	520015
	20				30	4.5	5	5	520016
	25				30	5.5	4.5	4.5	520017
	30				25	7	4.5	4.5	520018
25,5	22	M8	20	6	50	3.5	8	4	520021
	25				50	5	8	4.5	520022
	30				50	7.5	8	6	520023
	40				50	10	6	6	520024
30	15	M8	25	6	90	3	11	2.5	520025
	22				80	4.5	11	4	520026
	30				70	7.5	11	6	520027
	40				60	9	11	7.5	520028
40	20	M10	25	8	160	4	20	3	520029
	28				150	5	20	5.5	520030
	35				120	7.5	20	6.5	520031
	40				120	10	20	7.5	520032
	45				120	11	20	9	520033
50	35	M10	25	8	250	8	25	7	520035
	45				190	11	25	9	520036
60	36	M10	25	8	300	8	30	7	520038
	45				250	10	30	9	520039
70	35	M10	25	9	450	7.5	35	6.5	520040
	50				350	10	35	11	520041
	70				300	14	35	15	520042
80	40	M14	35	12	600	8	40	7	520044
	70				500	17	40	15	520045
	80				450	19	40	17	520046
100	40	M16	47	14	1 100	8	60	7	520100
	55				900	12	60	10	520101
	60				750	12	60	17	520102
	75				600	10	60	17	520103
	80				600	23	60	20	520103

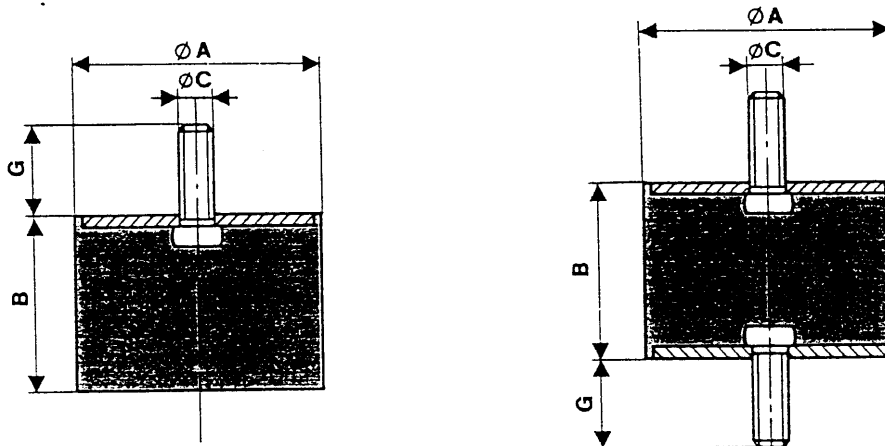
16 studs with threaded holes are fitted with RAPID nuts. Maximum torque 1.8 m.N.  
\* This stud is also available with M4 threads ref 520051.

ØA mm	B mm	ØC mm	H mm	Compression		Shear *		Ref
				Max Load	Deflection mm	Max load DN	Deflection mm	
16	10	M5	3	20	1.5	2.5	1.5	520500
	15			20	3	2.5	2	520501
	20			15	4	2.5	4	520502
	25			15	5	2	5	520503
20	15	M6	4	35	2.5	5	2.5	520505
	20			30	4.5	5	3.5	520506
	25			30	5.5	4.5	4.5	520507
	30			25	7	4.5	4.5	520508
25,5	22	M8	6	50	3	8	4	520511
	25			50	4.5	8	4.5	520512
	30			50	7.5	8	6	520513
	40			50	10	6	6	520514
30	22	M8	6	80	4	11	4	520516
	30			70	7.5	11	6	520517
	40			60	9	11	7.5	520518
	40			28	M10	8	150	4.5
35		120	7	20			6.5	520521
40		120	10	20			7.5	520522
45		120	11	20			9	520523
50		35	M10	8			250	7
	45	190			10	25	9	520526
60	36	M10	8	300	7	30	7	520528
	45			250	9	30	9	520529
70	35	M10	9	450	7	35	6.5	520530
	50			350	9	35	11	520531
	70			300	14	35	15	520532
80	40	M14	12	600	7	40	7	520534
	70			500	17	40	15	520535
	80			450	19	40	17	520536
100	40	M16	14	1 100	8	60	7	520541
	55			900	12	60	10	520542
	60			1 100	8	180	10	520545
	75			600	10	140	12	520546
	80			750	19	60	17	520543
	100			600	23	60	20	520547

See current price list for availability of items.  
\* the shear characteristics are measured under AXIAL LOAD.

# DIMENSIONS AND COMPRESSIVE LOADS

## THREADED STUD FIXING



Ø A mm	B mm	Ø C mm	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	M5	12	20	2	511292
	15			20	3	511294
	20			15	4	511296
	25			15	5	511298
20	3.5	M6	16.5	40	1.5	511200
	15			35	1	511215
	20			30	5	511220
	25			30	5.5	511225
	30			25	7	511230
25.5	10	M8	20	80	2	511265
	15			60	3.5	511270
	19			55	4.5	511251
	22			50	5.5	511275
	25			50	6	511280
	30			50	3	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	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
	45			250	11	511645
70	35	M10	25	450	9	511735
	50			350	12	511750
	70			300	14	511770
80	25	M14	45	1100	6	513801
	30			950	8	511830
	40			600	10	511840
	70			500	17	511870
	80			450	19	511880

Threaded hole fixing on request (except Ø 12.5)

Ø A mm	B mm	Ø C mm	G mm	Compression		Shear *		Ref	
				Max Load daN	Deflection mm	Max Load	Deflection mm		
12.5	10	M5	10	12	2	1.5	1.5	521293	
	15			10	3	2.5	2	521128	
	15			8	3.5	2.5	4	521295	
	20			8	3.5	2.5	4	521295	
16	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	
25.5	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	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	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	25	M10	25	300	6	25	4.5	521580	
	35			250	8	25	7	521581	
	45			190	11	25	9	521582	
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	
80	30	M14	45	950	7	40	5	521803	
	30			950	7	40	5	521840	
	40			35	800	9	40	7	521841
	70			35	500	17	40	15	521842
	80			35	450	19	40	17	521843
100	40	M16	47	1100	8	60	7	521908	
	55			900	12	60	10	521909	
	30			750	19	60	17	521910	

See current price list for availability of items.

\* the shear characteristics are measured under AXIAL LOAD.