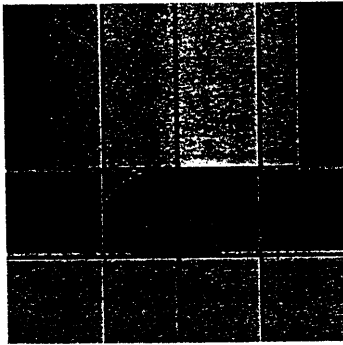
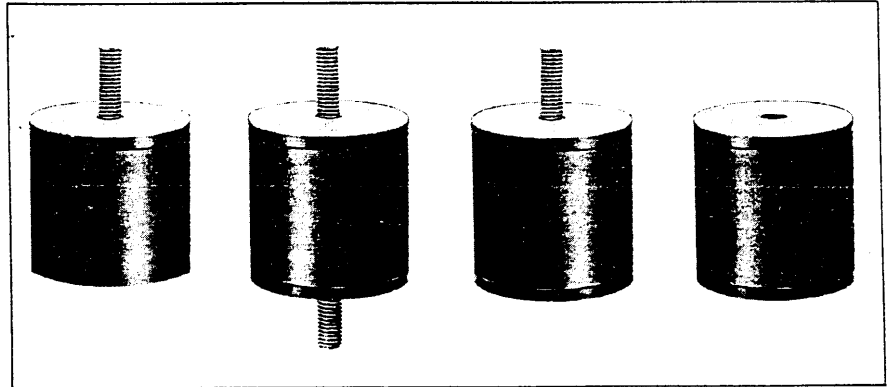




RADIAFLEX



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.

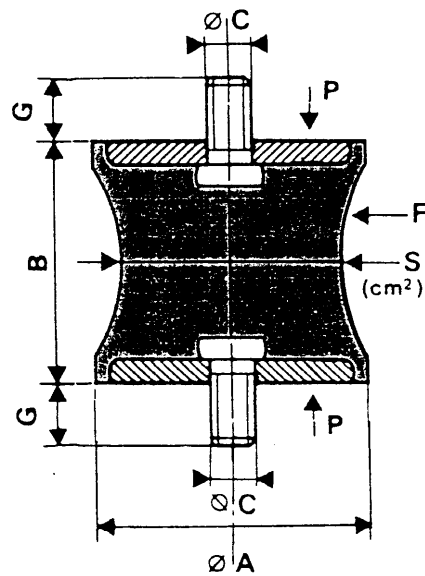
Advantages

- 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.

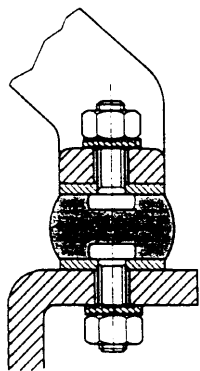
DIABOLO MOUNTS



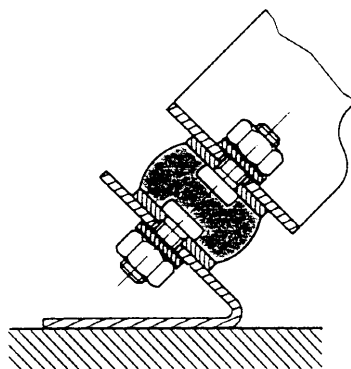
$\varnothing A$ mm	B mm	$\varnothing C$ mm	G mm	S cm^2	Weight mm	Compression		Shear		Ref
						Max load daN	Deflection mm	Max load daN	Deflection mm	
12,5	14	M5	10	0,3	5	3	1,4	0,5	1,2	521 300
20	19	M6	16,5	1,6	18	12	2,5	3	5	521 201
40	28	M10	25	3,1	110	30	5	2,5	4,5	521 403
57	44	M8	20	5	150	40	5	7	5	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.

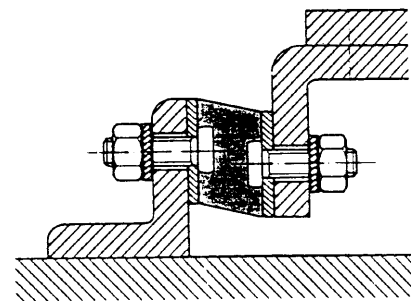
ASSEMBLY



Compression

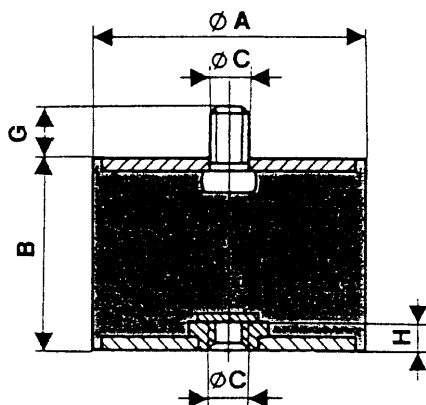


Compression / Shear

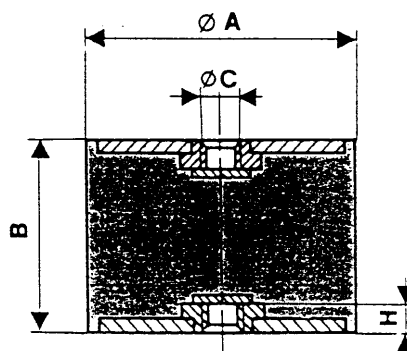


Shear

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* 520011 520012 520013
	15				20	3	2.5	2	
	20				15	4	2.5	4	
	25				15	5	2	5	
20	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	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	20	M10	25	8	160	4	20	3	520029 520030 520031 520032 520033
	28				150	5	20	5.5	
	35				120	7.5	20	6.5	
	40				120	10	20	7.5	
	45				120	11	20	9	
50	35	M10	25	8	250	8	25	7	520035 520036
	45				190	11	25	9	
60	36	M10	25	8	300	8	30	7	520038 520039
	45				250	10	30	9	
70	35	M10	25	9	450	7.5	35	6.5	520040 520041 520042
	50				350	10	35	11	
	70				300	14	35	15	
80	40	M14	35	12	600	8	40	7	520044 520045 520046
	70				500	17	40	15	
	80				450	19	40	17	
100	40	M16	47	14	1 100	8	60	7	520100 520101 520102 520103
	55				900	12	60	10	
	60				750	12	60	17	
	75				600	23	60	20	
	80								
	100								

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.

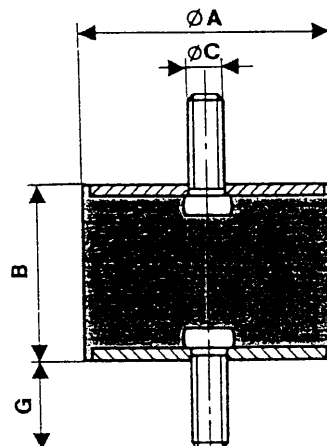
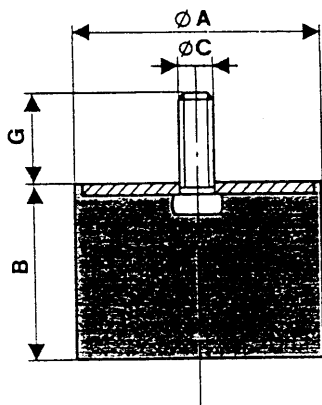
ØA mm	B mm	ØC mm	H mm	Compression		Shear *		Ref
				Max Load	Deflection mm	Max load DN	Deflection mm	
16	10	M5	3	20	1.5	2.5	1.5	520500 520501 520502 520503
	15			20	3	2.5	2	
	20			15	4	2.5	4	
	25			15	5	2	5	
20	15	M6	4	35	2.5	5	2.5	520505 520506 520507 520508
	20			30	4.5	5	3.5	
	25			30	5.5	4.5	4.5	
	30			25	7	4.5	4.5	
25,5	22	M8	6	50	3	8	4	520511 520512 520513 520514
	25			50	4.5	8	4.5	
	30			50	7.5	8	6	
	40			50	10	6	6	
30	22	M8	6	80	4	11	4	520516 520517 520518
	30			70	7.5	11	6	
	40			60	9	11	7.5	
40	28	M10	8	150	4.5	20	5.5	520520 520521 520522 520523
	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
	45			190	10	25	9	
60	36	M10	8	300	7	30	7	520528 520529
	45			250	9	30	9	
70	35	M10	9	450	7	35	6.5	520530 520531 520532
	50			350	9	35	11	
	70			300	14	35	15	
80	40	M14	12	600	7	40	7	520534 520535 520536
	70			500	17	40	15	
	80			450	19	40	17	
100	40	M16	14	1 100	8	60	7	520541 520542 520545 520546 520543 520547
	55			900	12	60	10	
	60			1 100	8	180	10	
	75			600	10	140	12	
	80			750	19	60	17	
	100			600	23	60	20	

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
	15			8	3,5	511125
	20					
16	10	M5	12	20	2	511292
	15			20	3	511294
	20			15	4	511296
	25			15	5	511298
	25					
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
	30					
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
	40					
30	15	M8	25	90	3,5	511308
	22			80	6	511310
	30			70	8	511312
	40			60	9	511314
	40					
40	20	M10	25	160	5	511450
	25			150	6	511401
	35			120	8	511452
	40			120	10	511454
	45			120	11	511456
	45					
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
	45					
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
	80					

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							
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
	25							
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
	30							
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
	40							
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
	70							
80	30	M14	45	950	7	40	5	521803
	30			950	7	40	5	521840
	40			800	9	40	7	521841
	70			500	17	40	15	521842
	80			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.