MACKAY INDUSTRIAL

PLATE ISOLATORS

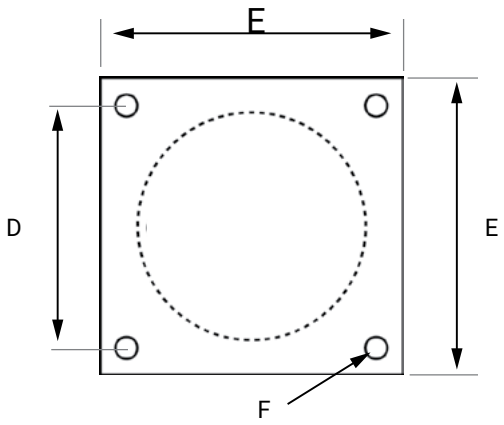
SECTION 10

PLATE ISOLATORS

Where you require a isolator of straight forward design to provide an uncomplicated solution to controlling vibration and shock , the range of Mackay Plate Mountings provide the answer. These isolators are designed to protect equipment and machinery from damaging vibration and shock and have an excellent capacity for energy control.

APPLICATIONS:
Printing presses, Road rollers, Vibratory feeders, Shipping containers, Crushers, Shaker units, Industrial machinery.

M1482##



PART No.	B	D	E	F	G	WEIGHT
M148213	51	118	148	13.5	5	2.5
M148202	63	136	166	13.5	6	4.5
M148208	120	270	310	22	10	27

PART No.	Compression Properties		Durometer	Item Weight (kg)
	Compression Load (kg)	Deflection (mm)		
M148213	1000	1.5	45	2.5
	1500	2.5		
	2200	3.5		
M148202	2500	1.5	60	4.5
	4500	3		
	7500	5		
M148208	10,000	3	60	27
	20,000	6		
	30,000	9		

All properties nominal, contact Mackay for Technical advice

All Dimensions in Millimetres

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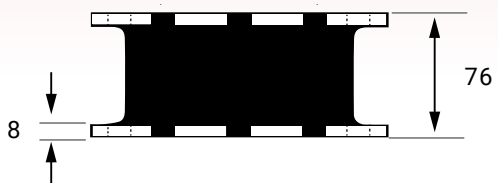
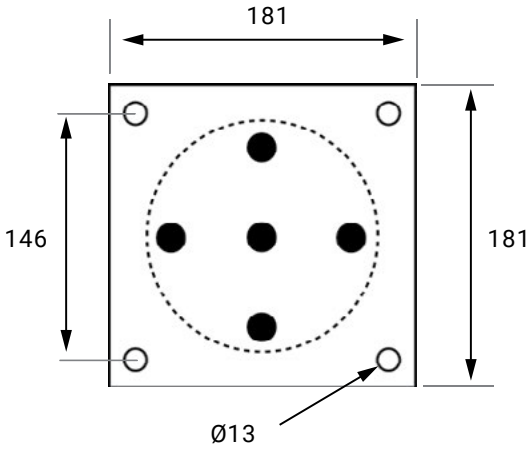
PLATE ISOLATORS

M211045, M211060



M211160

M211260



PART No.	Compression Properties		Shear Properties		Durometer	Item Weight (kg)
	Compression Load (kg)	Deflection (mm)	Shear Load (kg)	deflection (mm)		
M211045	300	2.0	57	2.5	45	5.2
	558	4.0	137	6.0		
	841	6.0	248	12.0		
	1144	8.0	308	16.0		
	1452	10.0				
M211060	607	2.0	100	2.0	60	5.2
	1195	4.0	176	4.0		
	1789	6.0	260	6.0		
	2432	8.0	341	8.0		
	3104	10.0	418	10.0		
			498	12.0		
M211160	832	2.0	79	2.0	60	5.5
	1758	4.0	132	4.0		
	2722	6.0	197	6.0		
	4064	8.0	341	8.0		
M211260	1725	2.0	106	2.0	60	6.2
	3640	4.0	277	6.0		
	6130	6.0	441	10.0		
	9476	8.0	608	14.0		

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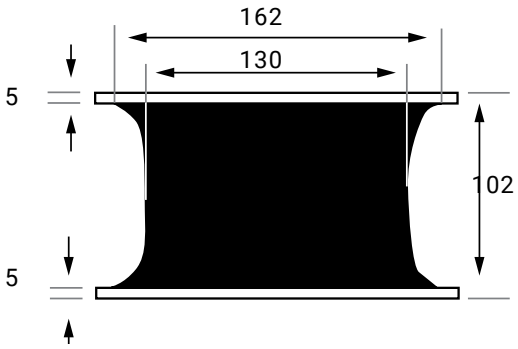
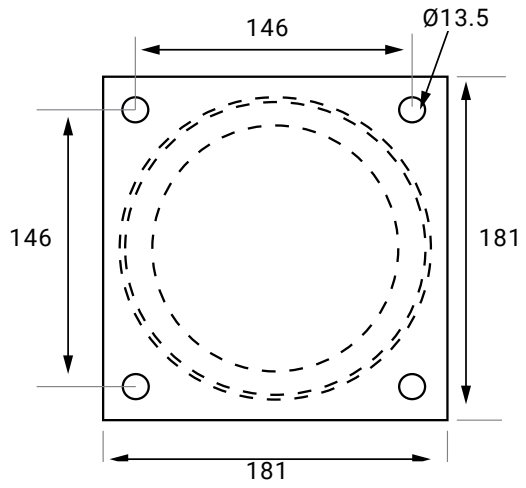
PLATE ISOLATORS

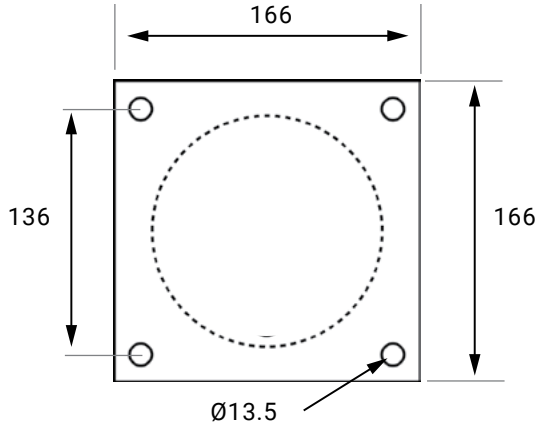
M2120##





PART No.	Compression Properties		Shear Properties		Durometer	Item Weight (kg)
	Compression Load (kg)	Deflection (mm)	Shear Load (kg)	deflection (mm)		
M212045	680	14	152	20	45	5
M212055	1064	14	235	20	55	5
M212065	1,765	14	390	20	65	5

M211275SAW150



PART No.	Compression Properties		Shear Properties		Durometer	Item Weight (kg)
	Compression Load (kg)	Deflection (mm)	Shear Load (kg)	deflection (mm)		
M211275SAW150	3010	2.0	120	2.0	75	4.2
	6900	4.0	240	4.0		
	11,700	6.0	360	6.0		
	21,000	8.0	480	8.0		
	1452	10.0				

All properties nominal, contact Mackay for Technical advice

All Dimensions in Millimetres

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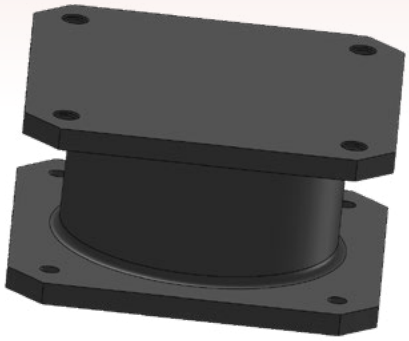
PLATE ISOLATORS

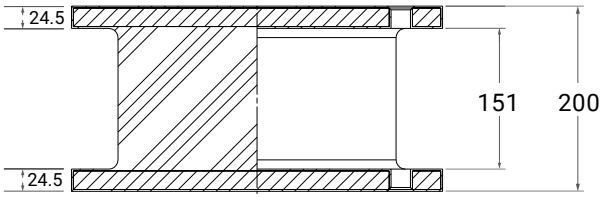
M2140##

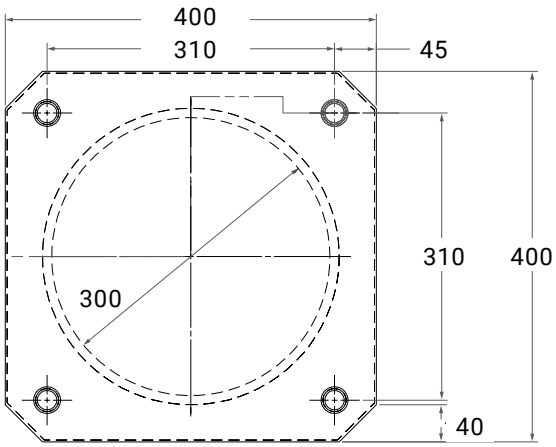
*** NON STOCKED ITEM.**
SPECIAL ORDER ONLY.

The metalwork is encapsulated in bonded rubber at nominal 2mm thick.

The only metal exposed is at the mounting holes and this area can be sealed with Silastic or similar during installation.







Part No.	Compression		Shear	
	LOAD Kg	DEF mm	LOAD Kg	DEF mm
*M214040	410	4	70	4
	860	8	140	8
	1350	12	210	12
	1880	16	270	16
	2460	20	340	20
*M214060	970	4	160	4
	2030	8	320	8
	3180	12	480	12
	4440	16	650	16
	5810	20	810	20

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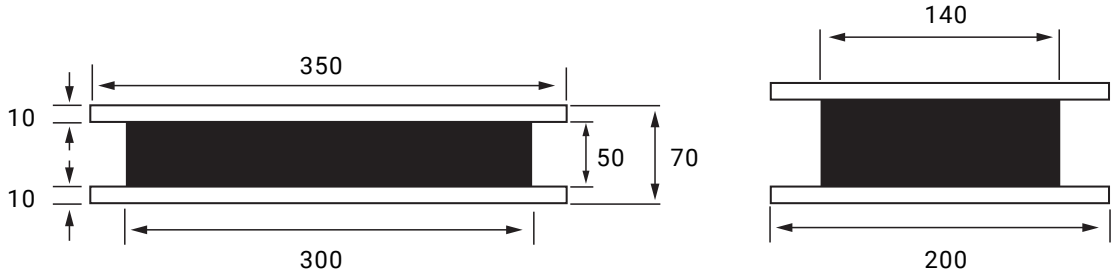
PLATE ISOLATORS

M141004



PART No.	Description	Comp Load Kg	Def Mm	Weight
M141004	Plate Isolator	2000	1.5	13
		5000	3.5	
		10,000	7	

All properties nominal, contact Mackay for Technical advice

All Dimensions in Millimetres

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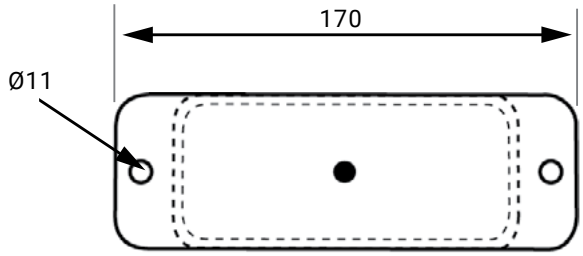
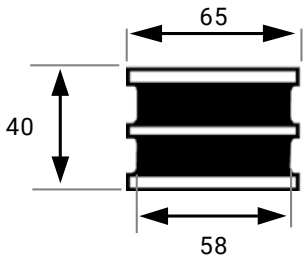
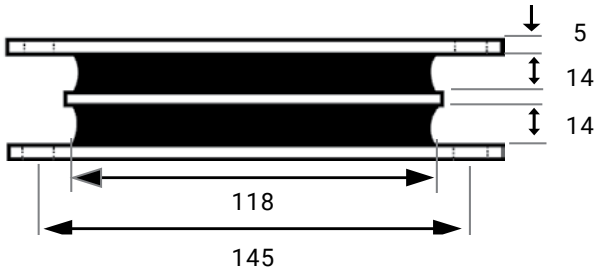
PLATE ISOLATORS

M2060## NO INTERMEDIATE PLATE

M2061## WITH INTERMEDIATE PLATE







PART No.	Compression Properties		Shear Properties		Durometer	Item Weight (kg)
	Compression Load (kg)	Deflection (mm)	Shear Load (kg)	deflection (mm)		
M206035	100	1.5	20	3.0	35	1.2
	200	2.5	35	5.0		
	311	4	50	7.0		

PART No.	Compression Properties		Shear Properties		Durometer	Item Weight (kg)
	Compression Load (kg)	Deflection (mm)	Shear Load (kg)	deflection (mm)		
M206135	480	2.0	30	3.0	35	1.2
	730	3.0	50	5.0		
	970	4.0	70	7.0		
M206145	710	2.0	50	3.0	45	1.2
	1060	3.0	80	5.0		
	1410	4.0	110	7.0		
M206155	920	2.0	60	3.0	55	1.2
	1380	3.0	100	5.0		
	1840	4.0	140	7.0		
M206165	1320	2.0	80	3.0	65	1.2
	1980	3.0	140	5.0		
	2640	4.0	190	7.0		

All Dimensions in Millimetres

All properties nominal, contact Mackay for Technical advice

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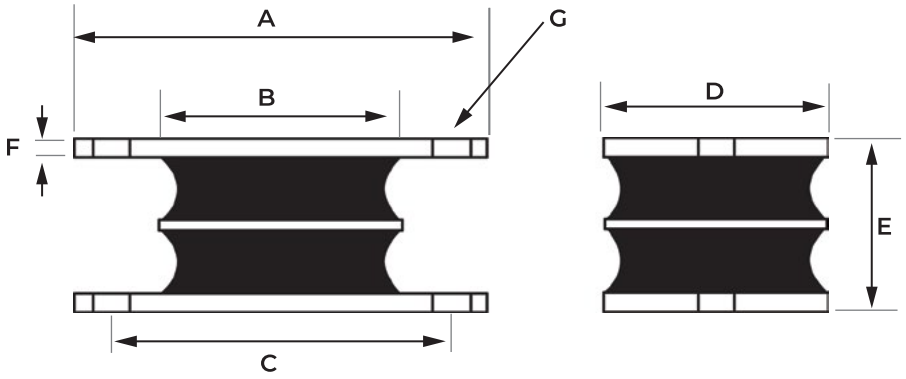
PLATE ISOLATORS

MA3132240

MA3132250

MA3132260



PART No.	A	B	C	D	E	F	G
MA3132240	108	63.5	89	57	43	5	10.3
MA3132250	108	63.5	89	57	43	5	10.3
MA3132260	108	63.5	89	57	43	5	10.3

PART No.	Compression Load Kg	Def Mm	Shear Load Kg	Def Mm	Weight Kg
MA3132240	50	1	36	4	0.6
	105	2	44	8	
	160	3	32	12	
MA3132250	85	1	22	4	0.6
	175	2	44	8	
	260	3	66	12	
MA3132260	110	1	36	4	0.6
	220	2	72	8	
	350	3	108	12	

All properties nominal, contact Mackay for Technical advice

All Dimensions in Millimetres

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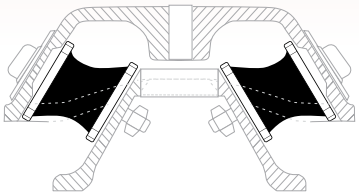
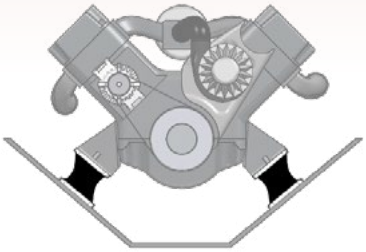
PLATE ISOLATORS

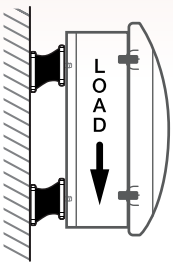
M1734245 M1734255 M1734260



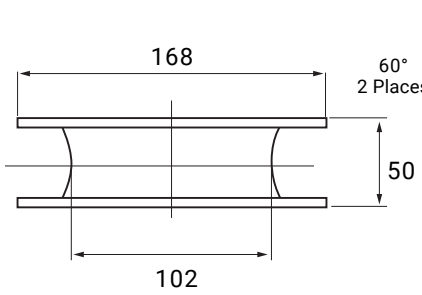
Used in CUSHYFOOT Mounts



Used on Engines with limited space



Wall Mount



Part No.	Compression		Shear	
	LOAD Kg	DEF mm	LOAD Kg	DEF mm
M1734245	95	2.5	15	2.5
	210	5.0	30	5.0
	355	7.5	45	7.5
	535	10.0	60	10.0
	740	12.5	75	12.5
	970	15.0	90	15.0
M1734255	145	2.5	20	2.5
	325	5.0	45	5.0
	545	7.5	65	7.5
	825	10.0	90	10.0
	1140	12.5	115	12.5
	1500	15.0	135	15.0
M1734260	185	2.5	25	2.5
	415	5.0	55	5.0
	705	7.5	85	7.5
	1060	10.0	115	10.0
	1465	12.5	145	12.5
	1930	15.0	175	15.0

All Dimensions in Millimetres

All properties nominal, contact Mackay for Technical advice

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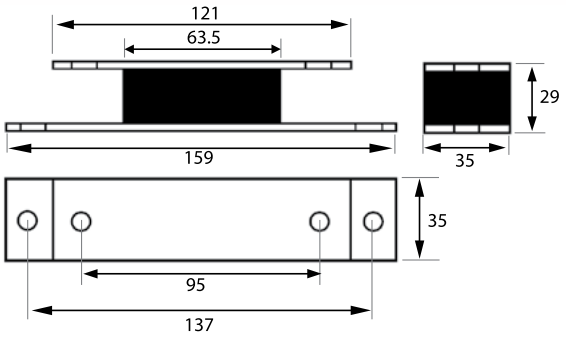
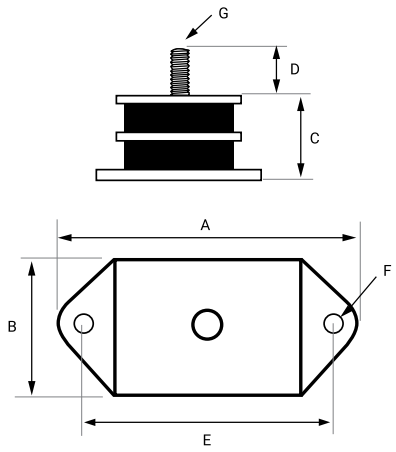
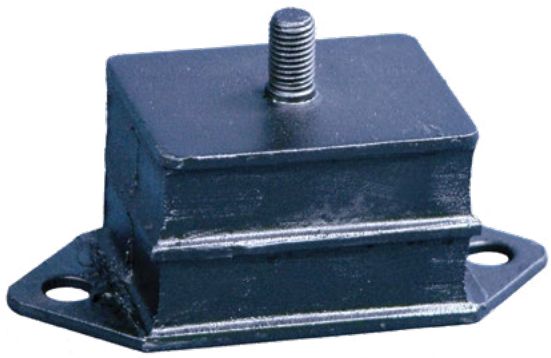
PLATE ISOLATORS

M183



Part No.	Compression		Shear		Weight Kg
	LOAD Kg	DEF mm	LOAD Kg	DEF mm	
M183	50	1.4	5	1.1	0.3
	75	2.0	10	2.3	
	100	2.7	13	3.0	
	110	3.0			





Part No.	A	B	C	D	E	F	G	COMPRESSION		SHEAR		DURO	Weight Kg
								LOAD Kg	DEF mm	LOAD Kg	DEF mm		
M8040645	94	41	36	15	73.2	8.7	5/16" UNF	150	2.8	66	15	45	0.2
M8040660	94	41	36	15	73.2	8.7	5/16" UNF	230	2.8	110	15	60	0.2
M8040670	94	41	36	15	73.2	8.7	5/16" UNF	400	2.8	180	15	70	0.2

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All Dimensions in Millimetres

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