

DESIGN FEATURES:-

- Colour coded spring to facilitate identification.
- Powder coated springs.
- Load upto 5000 kgs.
- Deflection upto 25mm.
- 4 Models
- 26 Load Ranges
- Deflection is at rated load with 15% Tolerances
- All mounts have approximately 50% over load capacity.
- Unique mount design provides horizontal stability, high loading capacity and protective spring enclosure.
- All Mounts have external leveling casing arrangement, capable of compensating for full static deflection.
- Inner walls of lower casing have resilient rubber snubbers which
 - Eliminates possibility of binding by providing a smooth guide path for the top casing
 - Limits lateral movement, particularly due to start up, start – up, shut – down and horizontal wind load
- Prevents isolator short – circuiting by avoiding metal to metal contact.
- Neoprene inserts below springs and 6 mm thick ribbed base pad act as noise breaks for high frequencies in the audible range, which can otherwise get transmitted to building structure.
- Mounting must be adjusted so that upper housing clears lower housing by at least 6mm & not more than 12mm

TYPICAL APPLICATION:

Application examples include – Chillers, AHU pumps, centrifugal / Axial Fans, Condensing Units, Rooftop Packaged units, Reciprocating compressors , DG sets , Punch presses, Drop Hammers, Floor Pipe supports (Normally at first few pipe supports points leading from isolated equipments.)

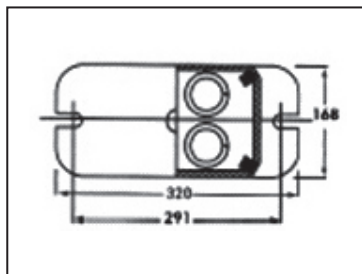
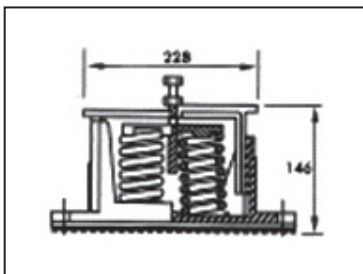
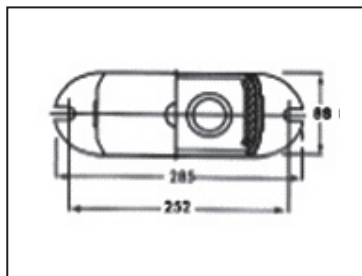
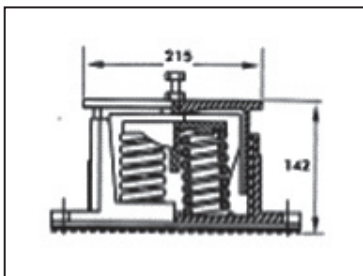
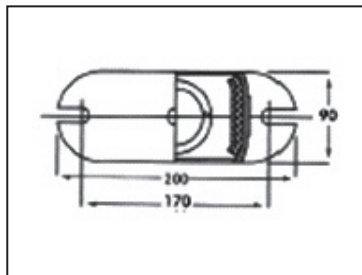
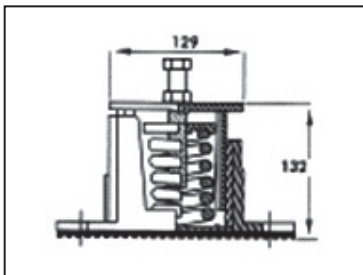
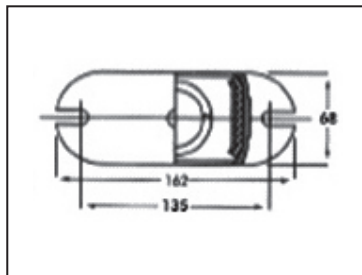
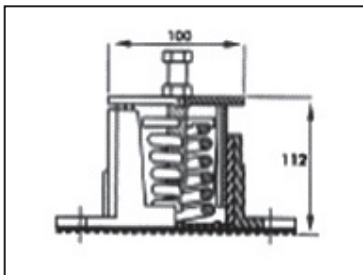
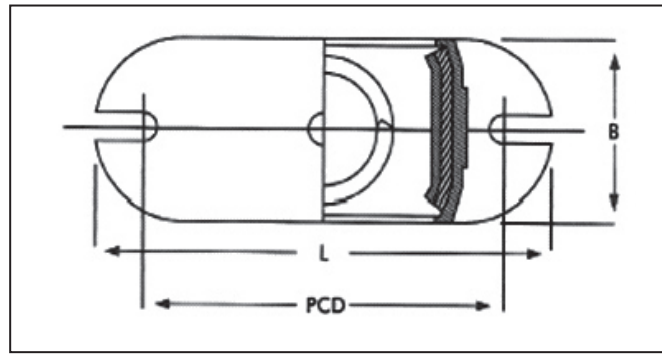
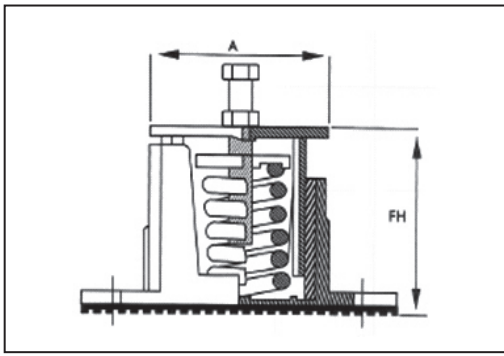
NOTE:

Custom load and deflection are also available.

Compliance – Springs designed according to BS 1726 (Part 1) : 1987 and recommendations made by SAE (US)

APPLICATION EXAMPLES:





PRODUCT CODE	COLOUR CODE	RATED LOAD (KG)	DEFLECTION (MM)
TGCSM00250060	BLUE	60	25
TGCSM00250100	GREEN	100	25
TGCSM00250160	ORANGE	160	25
TGCSM00250200	RED	200	25
TGCSM00250250	PURPLE	250	25
TGCSM00250300	GREY	300	25
TGCSM00250400	ORANGE	400	25
TGCSM00250500	BROWN	500	25
TGCSM00250600	BLACK	600	25
TGCSM00250800	RED	800	25
TGCSM00251050	WHITE	1050	25
TGCSM00251250	GREEN	1250	25
TGCSMII250600	GREY	600	25
TGCSMII250800	ORANGE	800	25
TGCSMII251050	BROWN	1000	25
TGCSMII251250	BLACK	1250	25
TGCSMII251600	RED	1600	25
TGCSMII252100	WHITE	2100	25
TGCSMII252500	GREEN	2500	25
TGCSMIV251200	GREY	1200	25
TGCSMIV251600	ORANGE	1600	25
TGCSMIV252000	BROWN	2000	25
TGCSMIV252400	BLACK	2400	25
TGCSMIV253200	RED	3200	25
TGCSMIV254200	WHITE	4200	25
TGCSMIV255000	GREEN	5000	25

Compliance – spring designed according to BS 1726 (PART 1): 1987 and recommendations made by SAE (US)



This unique range of open spring mounting uses an integral rubber and fixing of the spring which sets them apart from all other designs. Loose spring and plates are now history and high frequency and noise attenuation is provided regardless of whether rubber seating pad is used or not.

Originally designed for use with type IPF inertia pouring frames the mountings are now widely used to isolate vibration from every conceivable type of rotating and reciprocating machine. Some examples being air handing units axial and centrifugal fans, low level pipe work. Ductwork condensing units, pumps generating sets, chillers, etc. where control of transient motion is required, Open spring mountings can be used in conjunction with our viscous dampers type.

DESIGN FEATURES:

Unique expanding rubber and fixing of spring which also provides high frequency attenuation Spring with 50% overload capacity.

Can be bolted to supporting structure or free standing on 6 mm thick rubber pad.

Fully height adjustable

Zinc plated metals

No snubbing gives maximum efficiency.

SIZE	LOAD RANGE (KG)	NOMINAL DEFLECTION (MM)
TGOSM02500000	30-2300	25
TGOSM05000000	510-1300	50

ISOLATION EFFICIENCY AT TYPICAL MACHINE SPEEDS:

M/C SPEED (RPM)	EFFICIENCY %		
	15 MM DEFL	25 MM DEFL	50 MM DEFL
300	DO NOT USE	34.0	75.2
500	68.7	83.3	92.3
150	88.1	93.2	96.7
1000	93.7	96.3	98.2
1200	95.5	97.4	98.7
1500	97.3	98.4	99.2
1750	98.0	99.8	99.4
2000	98.5	99.1	99.5

These above figures are theoretical values only based on the vertical natural frequency of the spring system assuming in infinity stiff structural supports. The effects of high frequency spring coil resonances on low frequency performance are also ignored.

Due to policy of continual improvement, the specifications are subject to change without prior notice.

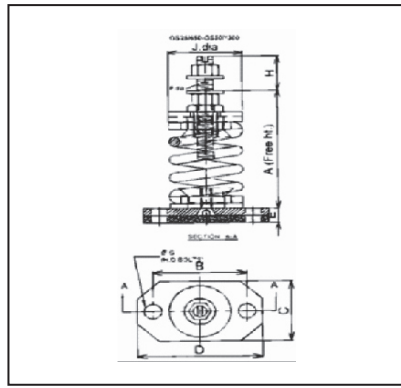
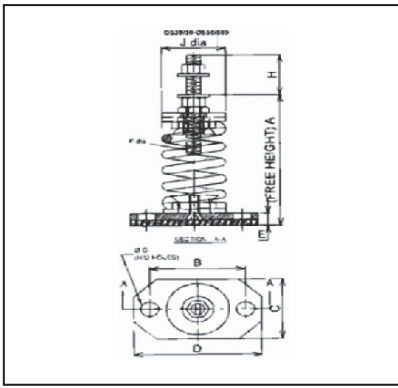
Measurements are subject to 5% tolerance.

To achieve good sound suppressions do not over load fitting.

Compliance – Springs designed according to BS 1726 (Part 1) : 1987 and recommendations made by SAE (US)

APPLICATION EXAMPLES:

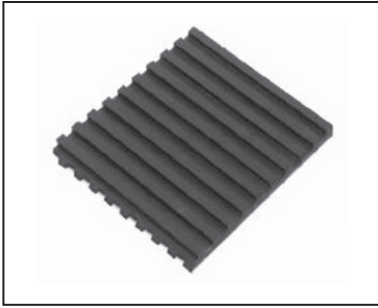




PRODUCT CODE	COLOUR CODE	RATED LOAD (KG)	DEFLECTION AT RATED LOAD	DIMENSIONS (MM)									
				A	B	C	D	E	F	G	H	J	
TGOSM02500030	YELLOW	30	25										
TGOSM02500060	GREEN	60	25										
TGOSM02500100	BLUE	100	25	115	85	70	110	10	M10	10	20	55	
TGOSM02500160	WHITE	160	25										
TGOSM02500250	RED	250	25										
TGOSM02500200	RED	200	25										
TGOSM02500300	PURPLE	300	25										
TGOSM02500400	GREY	400	25										
TGOSM02500500	ORANGE	500	25	160	110	100	140	11	M16	12	27	75	
TGOSM02500600	BROWN	600	25										
TGOSM02500700	ORANGE	700	25										
TGOSM02500800	BLACK	800	25										
TGOSM05000100	YELLOW	100	50										
TGOSM05000200	GREEN	200	50										
TGOSM05000300	BLUE	300	50	188	110	100	140	11	M16	12	27	75	
TGOSM05000400	WHITE	400	50										
TGOSM05000500	BLACK	500	50										
TGOSM02500650	YELLOW	650	25										
TGOSM02500850	GREEN	850	25										
TGOSM02501050	BLUE	1050	25	182	110	110	140	11	M16	12	27	75	
TGOSM02501250	WHITE	1250	25										
TGOSM02501300	RED	1300	25										
TGOSM02501600	PURPLE	1600	25	225	210	150	250	18	M24	16	51	75	
TGOSM02502000	GREY	2000	25										
TGOSM02502300	BROWN	2300	25										
TGOSM05000510	PURPLE	510	50										
TGOSM05000760	GREY	760	50										
TGOSM05001000	ORANGE	1000	50	240	210	150	250	18	M20	16	42	72	
TGOSM05001300	BROWN	1300	50										

*Spring Stiffness is linear over its working range.

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RIBBED MOUNTING PAD

Specifications:

- Alternate High/ Low Ribbed Construction.
- Easy to Cut.
- Pads can be cut slightly larger than the size of leg of machines using shear or knife
- Easy Field Installation.
- Multiple layers of Ribbed Mounting Pad can be used to increase deflection.

PRODUCT CODE

SIZE (INCHES)

TGRMP38003003

3/8" x 3" x 3"

TGRMP38004004

3/8" x 4" x 4"

TGRMP38006006

3/8" x 6" x 6"

TGRMP38008008

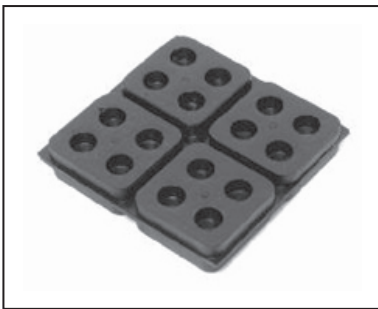
3/8" x 8" x 8"

TGRMP38012012

3/8" x 12" x 12"

TGRMP38018018

3/8" x 18" x 18"



WAFFLE PADS

Specifications:

- Designed within built suction cups.
- Easy Cut design without tools allows job site flexibility
- No need for bolting.
- Easy field Installation.

PRODUCT CODE

SIZE (INCHES)

TGWP034003003

3/4" x 3" x 3"

TGWP034004004

3/4" x 4" x 4"

TGWP034006006

3/4" x 6" x 6"

TGWP034008008

3/4" x 8" x 8"

TGWP034012012

3/4" x 12" x 12"

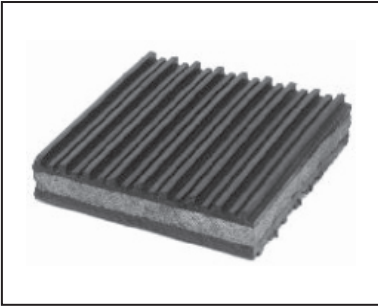
TGWP034018018

3/4" x 18" x 18"

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APPLICATION EXAMPLES:



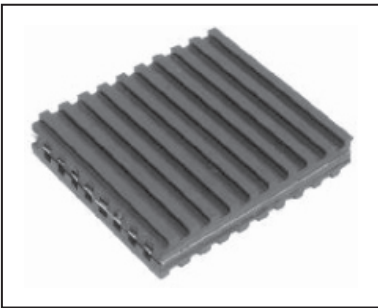


CORK SANDWICH PADS

Specifications:-

- Cork sandwich Pads are laminated pads having 1/2" thick close grained cork securely bonded between two layers of 1/4" alternate low high ribbed Neoprene rubber pads.
- Offers highest level of sound attenuation and vibration isolation.
- No need for bolting.

PRODUCT CODE	SIZE (INCHES)
TGCSP78003003	7/8" x 3" x 3"
TGCSP78004004	7/8" x 4" x 4"
TGCSP78006006	7/8" x 6" x 6"
TGCSP78008008	7/8" x 8" x 8"
TGCSP78012012	7/8" x 12" x 12"
TGCSP78018018	7/8" x 18" x 18"



METAL SANDWICH PADS

Specifications:-

- Metal Sandwich Pads are constructed of a steel plate bonded
- Ribbed Anti Vibration Pads.
- Designed for very high load capacity.

PRODUCT CODE	SIZE (INCHES)
TGMSP78003003	7/8" x 3" x 3"
TGMSP78004004	7/8" x 4" x 4"
TGMSP78006006	7/8" x 6" x 6"
TGMSP78008008	7/8" x 8" x 8"
TGMSP78012012	7/8" x 12" x 12"
TGMSP78018018	7/8" x 18" x 18"

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APPLICATION EXAMPLES:

