

# Circular Vibration & Shock Isolator

Type CMS



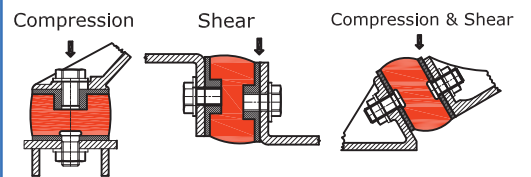
## RESISTOFLEX CIRCULAR ISOLATORS

also known as BOBBIN MOUNTINGS, are simple low cost versatile Isolators of rugged construction for use in wide variety of applications to ease misalignment problems; permit relative movement as in vibratory rollers, shifting & grading machines; as well as a mounting to protect instruments & light equipments and Isolate heavy machines from the harmful effects of Vibration, Shock and Noise.

**LOAD** : 1 KG TO OVER 800 KGS.

**DEFLECTION** : UPTO 15 MM

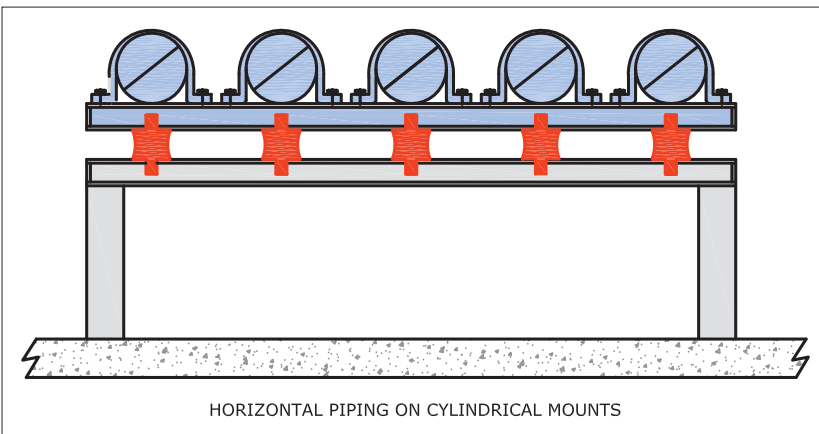
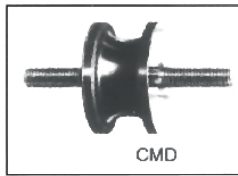
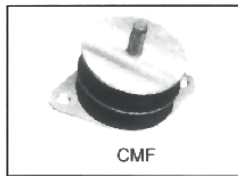
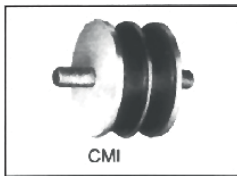
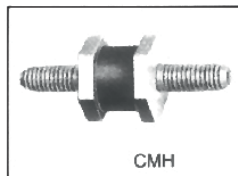
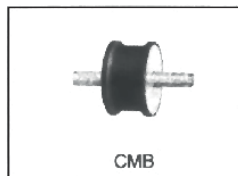
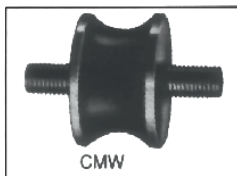
Isolators can be loaded in :



## TYPICAL APPLICATIONS

- \* AIR CONDITIONING EQUIPMENTS
- \* BLOWER
- \* BUSINESS MACHINES
- \* COMPRESSORS
- \* CONTROL PANEL
- \* ENGINES
- \* FANS
- \* GENERATORS
- \* LABORATORY INSTRUMENTS
- \* PUMPS ETC. ETC.

## VARIANTS



## TECHNICAL CHARACTERISTICS

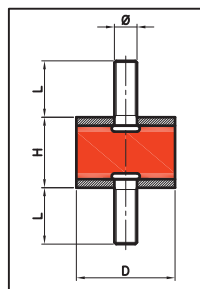
→ TYPE  CODE No. ↓	MAX LOAD & DEFLECTION (±15%)								DIMENSIONS (mm)				
	COMPRESSION				SHEAR				D	H	Ø	L	E
	SO		ME		SO		ME						
	kg	mm	kg	mm	kg	mm	kg	mm					
CMS 0607*	1.2	0.4	2.0	0.4	0.5	1.0	0.7	1.0	6	7	M4	10	-
CMS 1008*	1.9	0.6	3.9	0.6	1.0	1.4	1.8	1.4	10	8	M4	10	4
CMS 1010*	1.0	0.8	3.1	0.7	0.9	1.9	1.7	1.9	10	10	M4	10	4
CMS 1508	6.2	0.6	10.4	0.6	2.3	1.4	4.4	1.4	15	8	M4	10	4
CMS 1515	4.1	1.3	9.2	1.2	2.0	3.2	3.8	3.1	15	15	M4	13	4
CMS 1520*	4.1	1.9	9.2	1.8	1.6	4.4	3.0	4.4	15	20	M4	13	4
CMS 2015	9.2	1.2	20.2	1.2	4.1	2.8	7.4	2.7	20	15	M6	15	6
CMS 2020	8.2	1.8	17.3	1.7	3.8	4.0	6.9	4.0	20	20	M6	15	6
CMS 2025	7.1	2.2	16.3	2.1	3.1	5.1	5.6	5.2	20	25	M6	15	6
CMS 2510	30.0	0.7	53.0	0.6	6.7	1.5	12.2	1.5	25	10	M6	18	6
CMS 2515	16.3	1.2	33.0	1.1	6.5	2.8	11.9	2.7	25	15	M6	18	6
CMS 2520	14.3	1.9	30.0	1.7	6.2	4.0	11.4	4.0	25	20	M6	18	6
CMS 2530*	11.2	2.8	26.0	2.9	4.8	6.5	8.9	6.5	25	30	M6	18	6
CMS 3015	29.0	1.2	54.0	1.1	9.6	2.8	17.3	2.7	30	15	M8	20	8
CMS 3020	20.0	1.7	45.0	1.7	9.2	4.0	17.0	4.0	30	20	M8	20	8
CMS 3030	17.0	2.9	38.0	2.6	8.2	6.5	15.1	6.5	30	30	M8	20	8
CMS 3525*	26.6	2.4	54.4	2.2	12	5.5	22	5.5	35	25	M8	20	8
CMS 4030	35	2.9	71	2.6	16	6.5	29	6.5	40	30	M8	23	8
CMS 4035	33	3.4	69	3.1	15	7.8	28	7.7	40	35	M8	23	8
CMS 4040*	31	4.0	66	3.6	14	9.0	26	8.9	40	40	M8	23	8
CMS 4540*	41	3.9	89	3.5	19	8.8	35	8.7	45	40	M10	28	10
CMS 5020	102	1.5	194	1.4	27	3.5	49	8.8	50	20	M10	28	10
CMS 5030	61	2.6	133	2.8	25	6.0	48	6.0	50	30	M10	28	10
CMS 5040	51	3.7	112	3.5	24	8.5	45	8.4	50	40	M10	28	10
CMS 5045*	49	4.2	102	4.3	23	9.5	42	11.0	50	45	M10	28	10
CMS 5050*	49	4.9	102	4.3	22	11.0	42	11.0	50	50	M10	28	10
CMS 6540	87	3.7	204	3.5	41	8.5	96	8.4	65	40	M10	28	10
CMS 7045	112	4.3	234	4.0	50	9.7	92	9.7	70	45	M10	30	10
CMS 7525	255	2.1	459	1.9	61	4.8	112	4.7	75	25	M12	37	12
CMS 7540	143	3.7	296	3.4	58	8.4	108	8.4	75	40	M12	37	12
CMS 7550*	122	4.7	265	4.5	57	10.9	102	10.6	75	50	M12	37	12
CMS 7555*	122	5.5	255	5.0	52	12.2	102	12.1	75	55	M12	37	12
CMS 10040	347	3.5	663	3.2	108	8.0	196	7.9	100	40	M16	45	16
CMS 10055	255	5.2	510	4.7	102	11.7	192	11.7	100	55	M16	45	16
CMS 16070*	652	6.6	1280	6.1	260	14.8	490	14.8	160	70	M20	50	20

\* Available only on Request

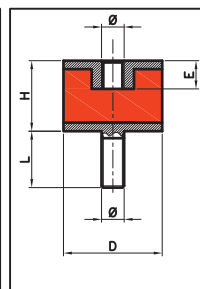
AVAILABLE RUBBER GRADE	NATURAL (N)	NEOPRENE (C)	NITRILE (B)
SUITABLE FOR	GENERAL PURPOSE	WEATHER RESISTANCE	OIL RESISTANCE

Isolators are available with External (E) and / or Internal (I) threads.

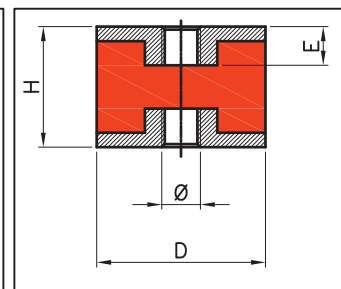
Deflection of ISOLATOR in combination of Compression and Shear at 45 deg. is 1.6 times the deflection under compression only for the same load. Special sizes can be custom made to meet almost any required stiffness characteristics.



THREADS : EE



THREADS : EI



THREADS : II

### INSTALLATION:

\* It is advisable to select Mountings of same size even of different type for obtaining uniform deflection of mounted equipment. Twisting of metal part must be avoided during installation for long life.

\* Isolator deflection must not be exceeded for continuous operations.

For more detailed information and technical assistance, please contact our Applications Engineering Group.

In the interest of continual development and improvement, the company reserves the right to make modifications to these details without notice

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