

# Stabiflex Vibration & Shock Isolator

Type STB



⇓ **HIGH AXIAL FLEXIBILITY**  
⇔ **UNIFORM RADIAL STIFFNESS**

## DESIGN

- (1) Annular Rubber Ring
- (2) Inner Metal Core with tapped hole to take bolt form supporting machinery.
- (3) Outer Metal Ring with holes provided for bolting wherever required.
- (4) Protruding Rubber Ring acting as a non-skid pad for direct floor mounting without fastening bolts.
- (5) Plated steel cap for oil & corrosion protection.
- (6) Rubber Seal.

## ADVANTAGES

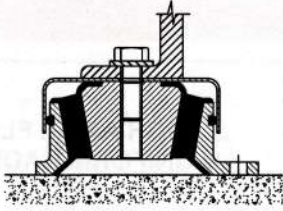
- ★ Eliminates up to 98% Vibrations.
- ★ Accepts Large Transitory Shocks.
- ★ 2-3 Times Stiffer Radially than Axially.
- ★ Quick and Easy Installation.
- ★ Flexible Plant Layout.
- ★ Fixing by bolts and rebound stop facility for Mobile Application.
- ★ Oil & Corrosion Protection.

Ideally suited to support machinery susceptible to Radial Forces: Machinery fixed to Lorries Railway Wagons or Ships etc.

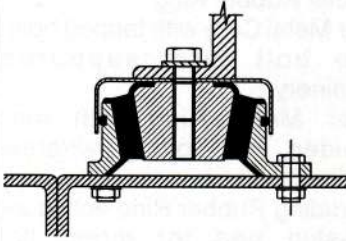
## TYPICAL APPLICATIONS

- ★ Extensively used for supporting Engine and Operator Cabin in Hydraulic Excavators and other Earth Moving Machinery
- ★ Support Large Motor Compressor Units, Generators, Tanks, Diesel Engines, Reducers etc. on ground and mobile equipment.
- ★ Used under Metal Working Machinery, Textile Machinery, Refrigeration & Air Conditioning Equipment etc. etc.

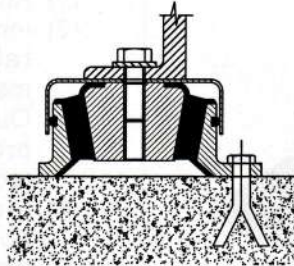
### MODES OF INSTALLATION



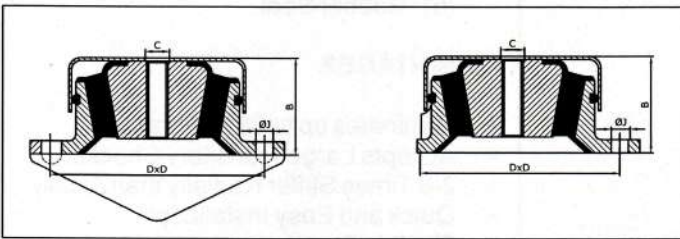
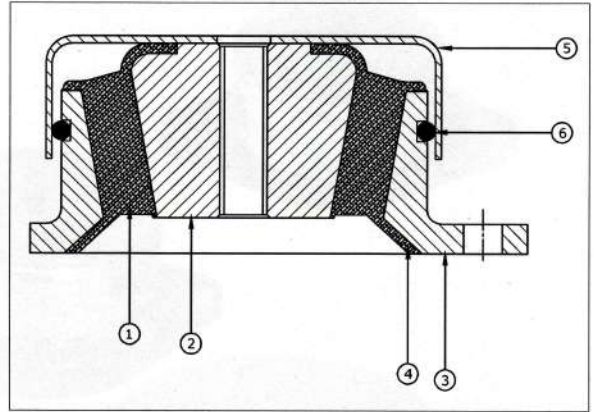
Free standing on floor  
without fastening bolt



Mounted on metal  
chassis by bolts



Fixed to floor by bolts



### C H A R A C T E R I S T I C S

TYPE	50		60		70		PHYSICAL				
	LOAD Kg.	Defl. mm.	LOAD Kg.	Defl. mm.	LOAD Kg.	Defl. mm.	BASE	HEIGHT B (mm)	THREADED C (mm)	CENTRES D (mm)	HOLE DIA X No. J(mm) X Nos.
STB 0069	30	3	50	3	70	3	DIAMOND	41	M12	98	9X2
STB 0084	80	4	130	4	175	3	DIAMOND	51	M12	115	11X2
STB 0100	185	3	300	3	400	3	SQUARE	52	M12	90X90	11X4
STB 0133	450	5	725	5	1000	4	SQUARE	71	M16	114X114	13X4
COLOUR CODE	GREEN		BLUE		RED						

- \* Defl. is deflection at rated load with +/- 15% tolerance
- \* All figures are approximate and subject to change without notice
- \* Consult RESISTOFLEX for intermediate & higher load / deflection characteristics
- \* No Load factors necessary even for Mobile Applications

Authorised Distributor :

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