STAINLESS STEEL HEAVY-DUTY COMPRESSION SHEAR MOUNTS

SMLS multi-layer mount is made of a rubber elastomer compound securely bonded with 4 metal plates. Both upper and lower plates have four equipment mounting holes. This design reduces deflection under vertical load with increased stability when horizontal forces are applied. The **SMLS mounts** have a unique ability to withstand shear loads of up to a maximum of 40% of the aplied compression. Two mounts can be stacked to provide additional deflection under vertical loads, which considerably reduces the maximum allowable shear force.

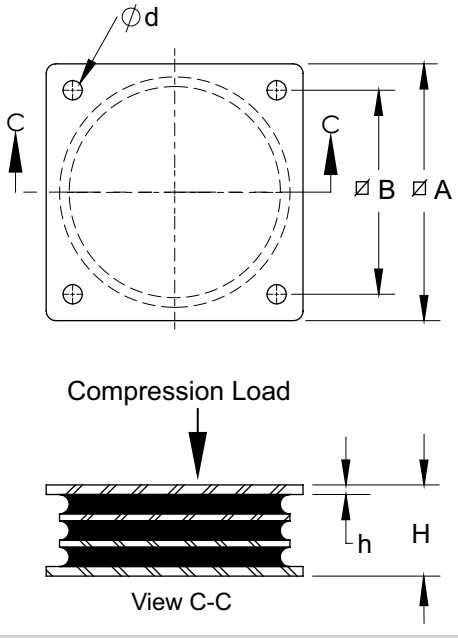
Recommended for:

Heavy-duty industrial equipment, steel mills, vibratory screens, crushers, shakers, horizontal injection moulding systems, hoppers, feeders, mining and quarry equipment, construction system supports, columns, etc.

Features:

- ✓ Multi-layer design to reduce deflection of mount under loads.
- ✓ 316L stainless steel for metal plates.
- ✓ Low profile and shear stiffness.
- ✓ Mounts can withstand shear loads of up to a maximum of 40% of vertical compression load.
- ✓ High dynamic EPDM rubber compound and high compressive stiffness.

Model	Compression load (lbs)		Overall dimensions in inches (in)					Ship. Weight (lbs)
	Non-Impact	Impact	Width A	Hole Spacing B	Height H	h	Hole Ø d	
SMLS-1	5,000	3,500	5-7/8	4-5/8	2	1/4	5/8	7.5
SMLS-2	8,000	5,500	5-7/8	4-5/8	2	1/4	5/8	7.5
SMLS-3	13,000	9,000	8-3/4	6-3/4	3-1/4	3/8	3/4	27
SMLS-4	20,000	14,000	8-3/4	6-3/4	3-1/4	3/8	3/4	27
SMLS-5	30,000	20,000	12-1/4	10-5/8	4-3/4	3/8	7/8	55
SMLS-6	45,000	30,000	12-1/4	10-5/8	4-3/4	3/8	7/8	55



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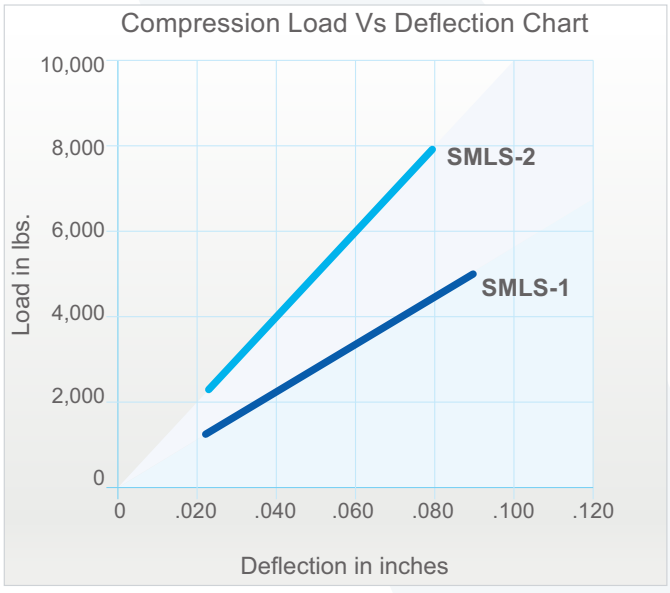

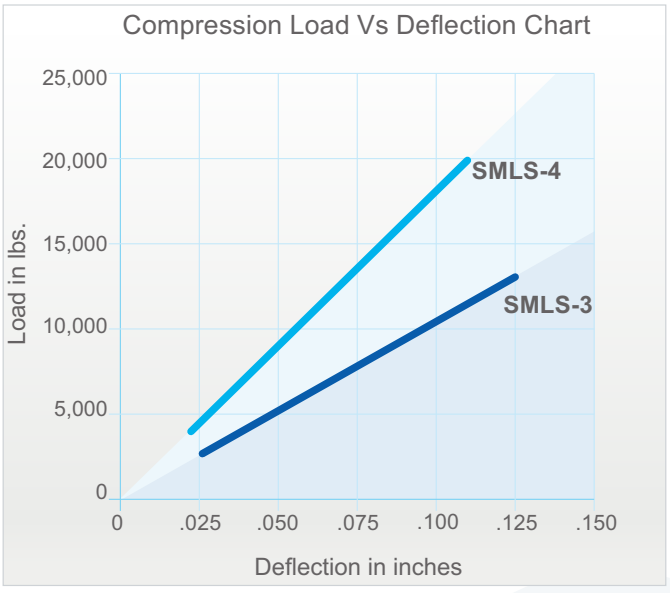

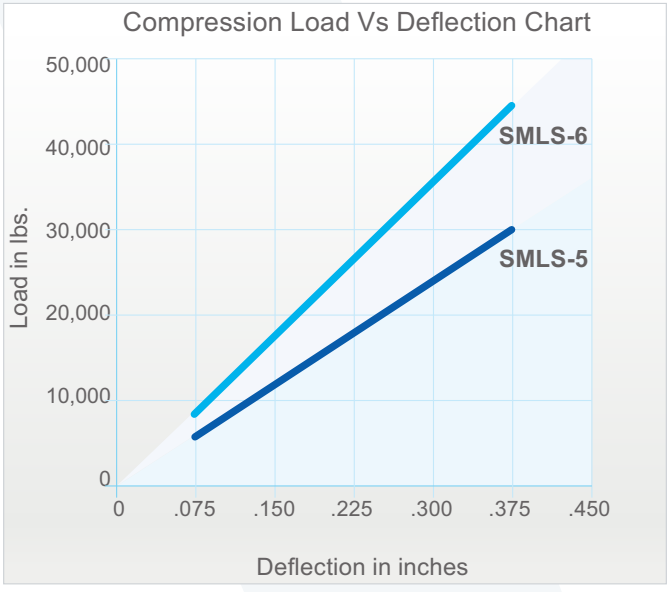

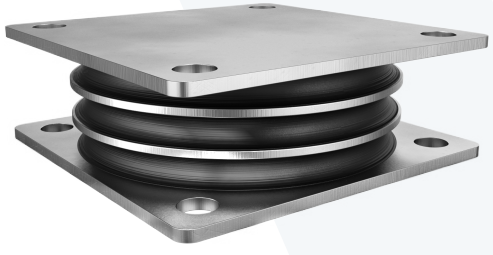

Notes:

a) **Shear load should not exceed 40% of compression load.**
b) For food, pharmaceutical, and hygiene critical applications mounts are made of 304 stainless steel and food grade rubber compounds.
c) Contact Vibrasystems technical department for optimal material selection.