Imperial Size Cylindrical Mounts (inch)

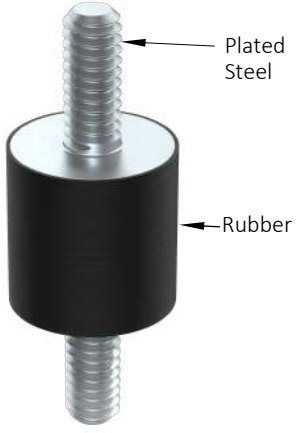
Cylindrical mounts are very versatile rubber antivibration mounts and can be used in a wide range of applications where simple and compact anti-vibration isolations are required. Designed for vertical load, these mounts can accommodate shear loads up to 20% of the axial load. Four (4) styles of configurations (T, TH, H, TS) are available for adding versatility for different installation requirements. The body of the bobbin is made of natural rubber while the steel threads are zinc plated.

Recommended for:

- Electric motors, pumps, generator sets, fans and blowers, control panels, and other similar equipment.
- Vertical load applications.
- Type TS can be used as a bumper or anti-skid plate.

Features:

- ✓ Available in wide range of sizes and loads.
- ✓ Low-cost installation & easy to install.
- ✓ Long service life.

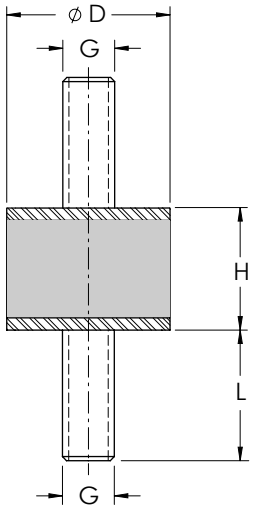


T style

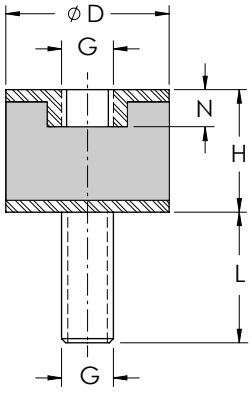
TH style

H style

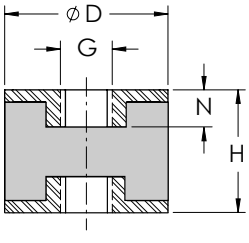
TS style



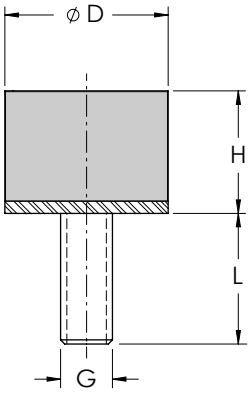
T



TH



H



TS

Imperial Size Cylindrical Mounts (inch)

Model	Axial Load (lbs)	Dimension in inches (in)					Configurations				Ship. weight (lbs)
		Diameter D	Height H	Thread G	Stud L	Thread's depth N	T	TH	H	TS	
3/8 x 1/4	17	3/8	1/4	8-32	3/8	-	T	-	-	TS	0.01
3/8 x 5/16 x 6-32	17	3/8	5/16	6-32	3/8	1/8	T	TH	-	TS	0.01
3/8 x 5/16 x 8-32	17	3/8	5/16	8-32	3/8	-	T	-	-	TS	0.01
3/8 x 3/8	17	3/8	3/8	6-32	3/8	3/16	-	TH	-	-	0.01
3/8 x 1/2	17	3/8	1/2	8-32	3/8	1/8	T	TH	-	TS	0.01
7/16 x 1/2 x 6-32	20	7/16	1/2	6-32	3/8	-	T	-	-	TS	0.02
7/16 x 1/2 x 8-32	20	7/16	1/2	8-32	3/8	1/8	-	TH	-	-	0.02
9/16 x 9/16	25	9/16	9/16	8-32	3/8	3/16	T	TH	-	-	0.02
5/8 x 5/8	30	5/8	5/8	1/4-20	1/2	-	T	-	-	TS	0.03
3/4 x 3/8	50	3/4	3/8	1/4-20	1/2	-	T	-	-	TS	0.05
3/4 x 1/2	50	3/4	1/2	1/4-20	1/2	-	-	-	-	TS	0.05
3/4 x 5/8	50	3/4	5/8	1/4-20	1/2	1/4	T	TH	-	TS	0.06
3/4 x 3/4 x 1/4-20	50	3/4	3/4	1/4-20	5/8	-	T	-	-	-	0.06
3/4 x 3/4 x 5/16-18	50	3/4	3/4	5/16-18	1/2	1/4	T	TH	-	TS	0.06
1 x 3/8 x 10-32	100	1	3/8	10-32	3/8	-	-	-	-	TS	0.06
1 x 3/8	100	1	3/8	5/16-18	1/2	-	T	-	-	TS	0.06
1 x 5/8 x 1/4-20	100	1	5/8	1/4-20	5/8	-	T	-	-	-	0.07
1 x 5/8 x 5/16-18	100	1	5/8	5/16-18	1/2	-	T	-	-	TS	0.07
1 x 3/4	100	1	3/4	5/16-18	1/2	3/8	T	TH	-	TS	0.10
1 x 3/4L	100	1	3/4	5/16-18	15/16	-	T	-	-	-	0.10
1 x 1	100	1	1	5/16-18	15/16	3/8	T	TH	H	TS	0.12
1 x 1-1/4	100	1	1-1/4	5/16-18	5/8	3/8	T	TH	-	TS	0.13
1 x 1-1/2	100	1	1-1/2	5/16-18	5/8	3/8	T	TH	-	TS	0.15
1-3/16 x 3/4	130	1-3/16	3/4	5/16-18	11/16	-	T	-	-	-	0.15
1-3/16 x 1	130	1-3/16	1	5/16-18	7/8	-	T	-	-	-	0.15
1-3/16 x 1-3/16	130	1-3/16	1-3/16	5/16-18	7/8	5/16	-	TH	-	-	0.15
1-1/4 x 3/4	160	1-1/4	3/4	5/16-18	9/16	1/4	-	TH	-	-	0.13
1-1/4 x 1	160	1-1/4	1	5/16-18	9/16	3/8	-	TH	-	TS	0.15
1-1/4 x 1-1/4	160	1-1/4	1-1/4	5/16-18	1/2	-	T	-	-	TS	0.15
1-1/2 x 3/4	225	1-1/2	3/4	3/8-16	1-1/8	-	T	-	-	TS	0.25
1-1/2 x 1	225	1-1/2	1	3/8-16	1-1/8	3/8	T	TH	-	TS	0.30
2 x 1	500	2	1	5/16-18	9/16	3/8	T	TH	H	-	0.40
2 x 1-1/2	500	2	1-1/2	3/8-16	1-1/8	-	T	-	-	TS	0.45
2 x 1-3/4	500	2	1-3/4	3/8-16	3/4	-	T	-	-	TS	0.45
2 x 2	500	2	2	3/8-16	1-1/8	-	T	-	-	-	0.50
2 x 2-1/8	500	2	2-1/8	3/8-16	3/4	-	T	-	-	TS	0.70
3 x 1-1/2	1,150	3	1-1/2	1/2-13	1-1/2	1/2	T	TH	H	-	1.00

Notes:

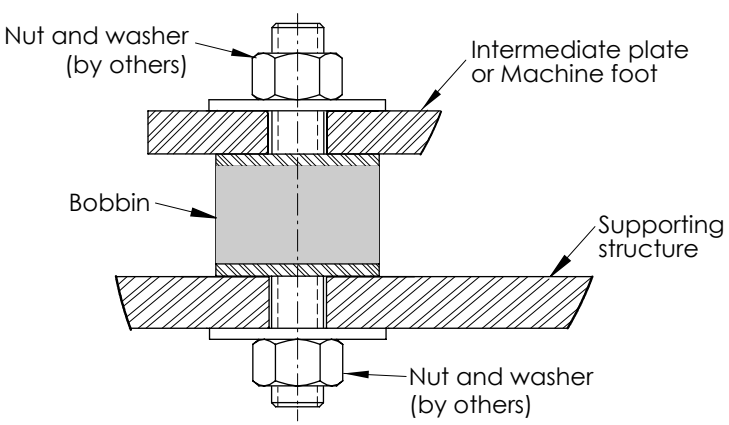
1) Some configurations have a different stud length (L) than the one described in the chart above:

a) TS 3/4 x 5/8 has a 1/2" length stud (L). b) TS 1 x 1 has a 1/2" length stud (L). c) TS 1-1/2 x 1 has a 3/4" length stud (L).

Imperial Size Cylindrical Mounts (inch)

Recommendations for Installation:

1) Remove all burrs and sharp corners from each mounting hole.
2) Assemble the Bobbin and intermediate plate/machine foot on the supporting structure using hardware (bolts, washers, and nuts).
3) Fasten tightly the hardware (by others).
4) Do **not** use the cylindrical mounts (bobbins) in tensile direction.
5) For use of the bobbin in the shearing direction, the maximum recommended vertical load should be no more than 20% of the axial load (chart).
6) Do **not** twist bobbin.
7) Do **not** assemble the bobbins onto misaligned mounting holes.



Typical installation in compression

Model nomenclature sample:

TH 1 x 3/8 x 10-32

- Height
- Thread size
- Diameter
- **T** = both male threads
- **TH** = male and female threads
- **TS** = male thread
- **H** = both female threads

Notes:

1) Standard models are made of Natural Rubber 55A duro, and threads are zinc plated.
2) Different elastomeric materials, hardness, and sizes are availabale subjected to minimum quantities requirements.
3) Vertical loads are designed for a maximum of 15% compression of the rubber height.