

TF Vibration Isolator

Symmetrical, pre-compressed vibration isolator providing similar stiffness in tension and compression, with a fail-safe design for applications subjected to high dynamic loads.



The **AMC-MECANOCAUCHO® TF vibration isolators** consist of two symmetrically shaped molded elastomer elements, designed to operate effectively under both **tensile and compressive loads**, with similar stiffness characteristics in both directions.

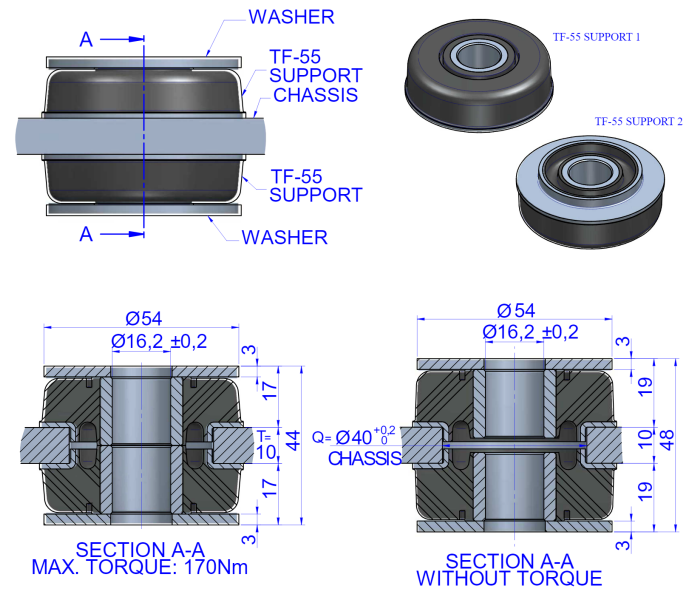
The **pre-compressed installation** enables the isolator to maintain **controlled elastic behavior when the direction of the load changes**, making it particularly suitable for equipment subjected to **vibration, shock, and multidirectional dynamic loads**.

The two elements are assembled with **metal safety washers**, creating a **fail-safe configuration** that limits excessive movement and provides mechanical retention of the equipment under severe loading conditions.

The level of pre-compression is determined by the **frame thickness at the mounting point**. Correct sizing provides an optimum balance between **vibration isolation, stability, and mechanical safety**.

Drawings

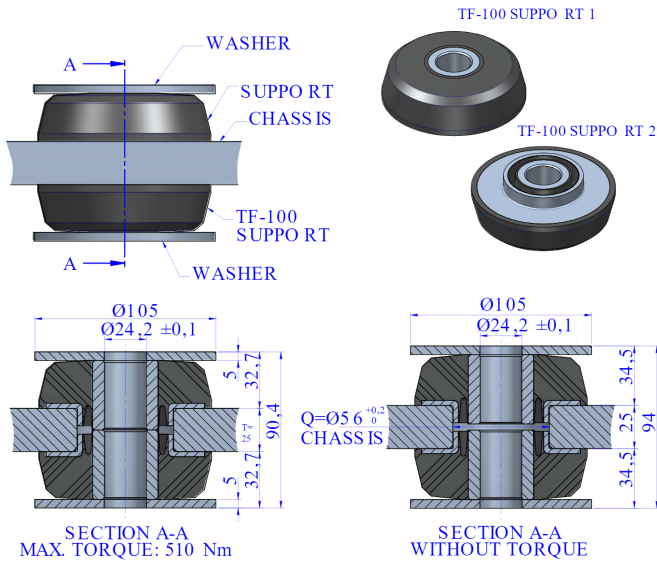
TF 55



TFmounts are installed in pairs but are sold individually.

Type	T Min.(in)	Q(in)	Weight(lbs)	Washer	Bolt Size (Metric)	Bolt Size (Imperial)	Code	Max. Load(lbs)	Shore
TF 55	0.39	1.57	0.18	611056	M16	5/8"	138061	176	45 Sh
							138063	386	60 Sh

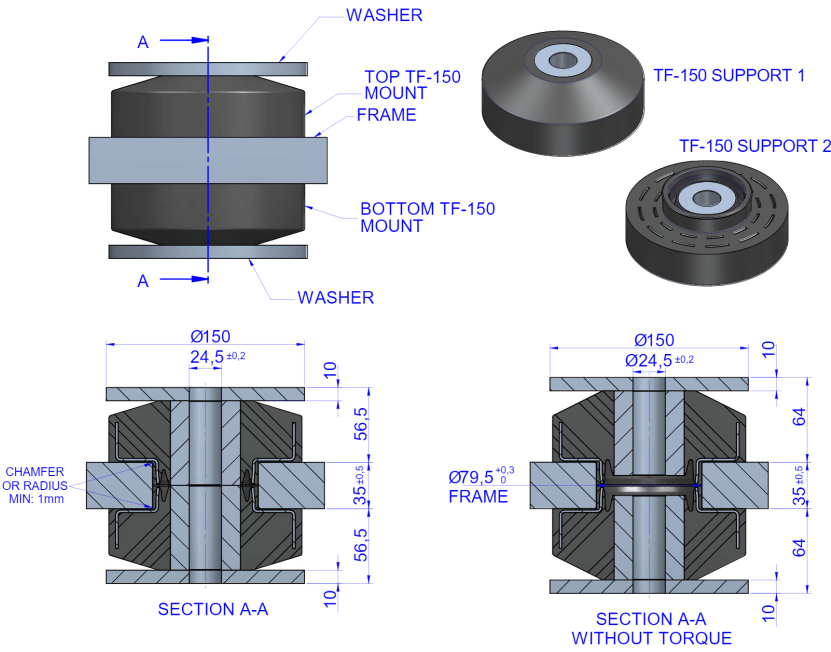
TF 100



TFmounts are installed in pairs but are sold individually.

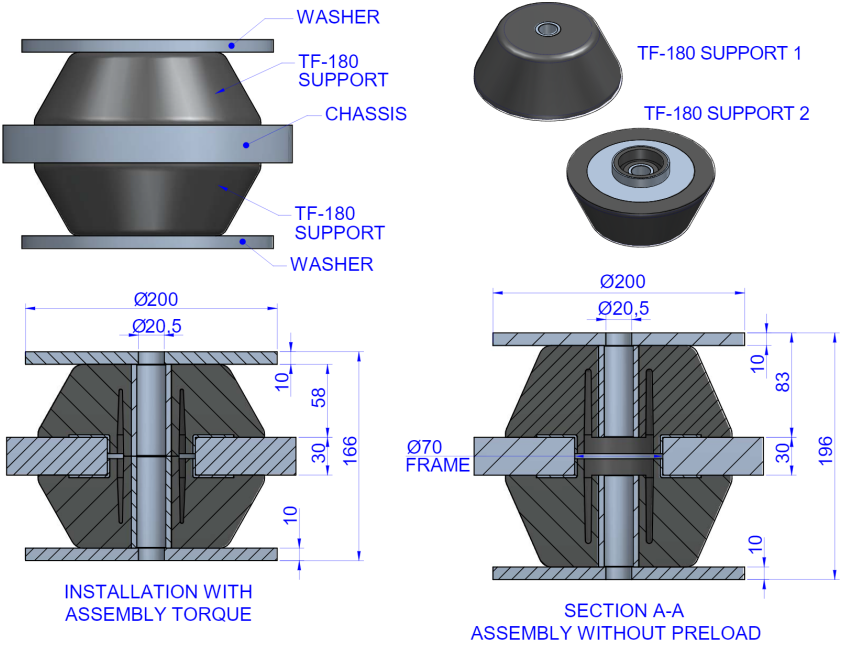
Type	T Min.(in)	Q(in)	Weight(lbs)	Washer	Bolt Size (Metric)	Bolt Size (Imperial)	Code	Max. Load(lbs)	Shore
TF 100	0.98	2.2	1	606484	M24	7/8"	137365	419	40 Sh
							137366	617	50 Sh
							137363	860	60 Sh
							137364	1763	70 Sh

TF 150



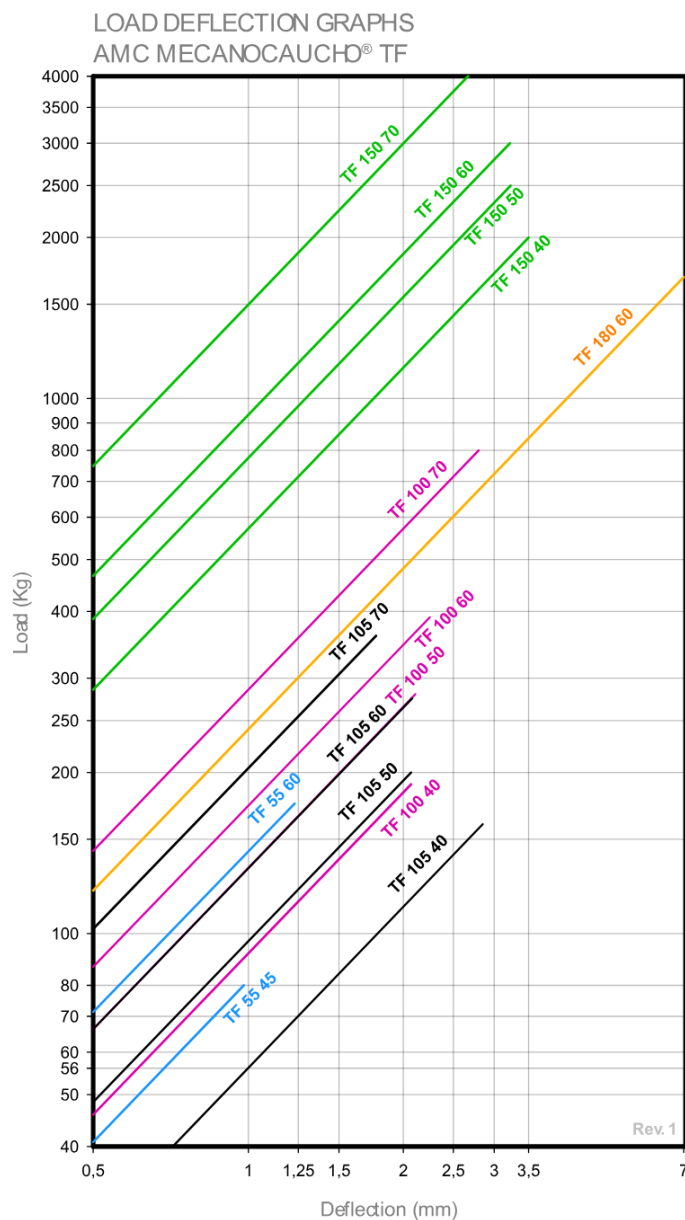
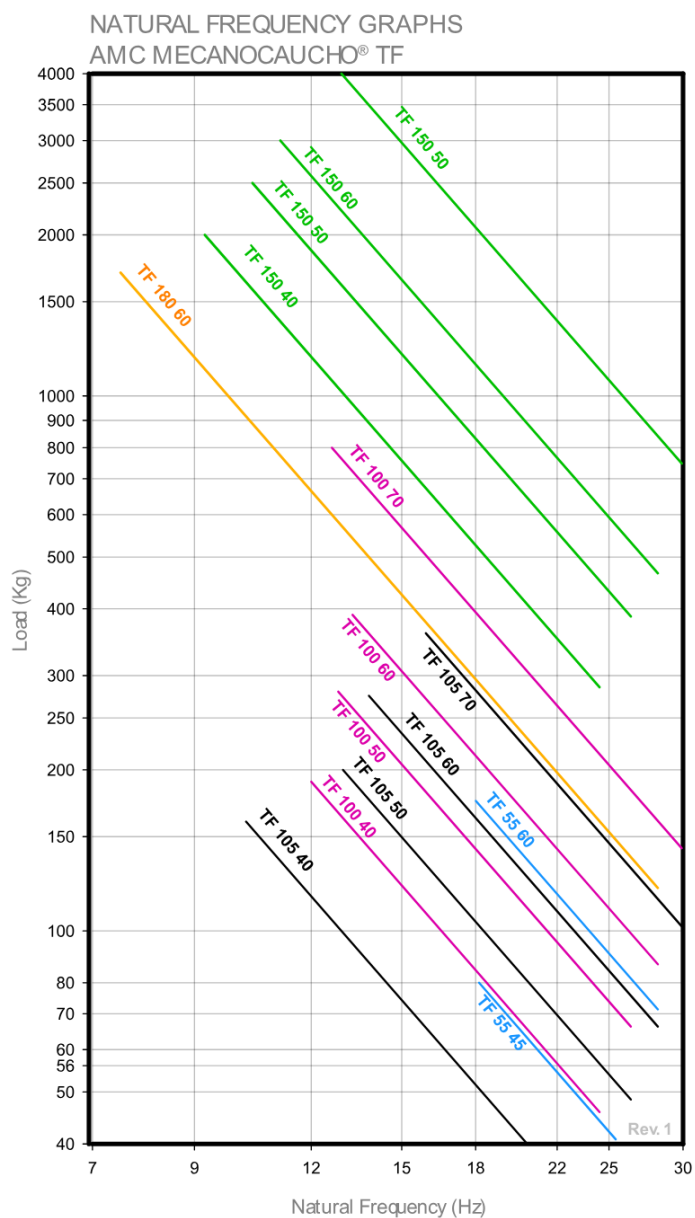
Type	T Min.(in)	Q(in)	Weight(lbs)	Washer	Bolt Size (Metric)	Bolt Size (Imperial)	Code	Max. Load(lbs)	Shore
TF 150	1.38	3.13	1	610379	M24	1"	137445	4408	40 Sh
							137446	5510	50 Sh
							137447	6612	60 Sh
							137448	8816	70 Sh

TF 180



Type	T Min.(in)	Q(in)	Weight(lbs)	Washer	Bolt Size (Metric)	Bolt Size (Imperial)	Code	Max. Load(lbs)	Shore
TF 180	1.18	2.76	4	610379	M20	3/4"	138151	3747	60 Sh

Elastic properties



Technical characteristics

This antivibration mount is ideal for applications with major dynamic loadings such as : Off Road Construction vehicles for engines , gearboxes , Operator Cabins where movement control is necessary. It also offers optimal stability, as well as good attenuation of impacts and high frequency vibrations.

