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.

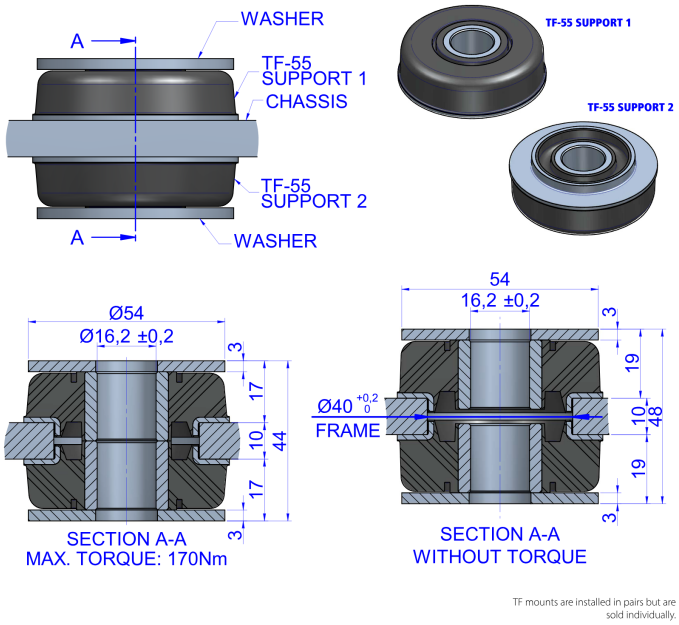
The level of pre-compression is determined by the **frame thickness at the mounting point**. Correct sizing provides an optimum balance between **vibration isolation, stability, and mechanical safety**.

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Drawings

TF 55



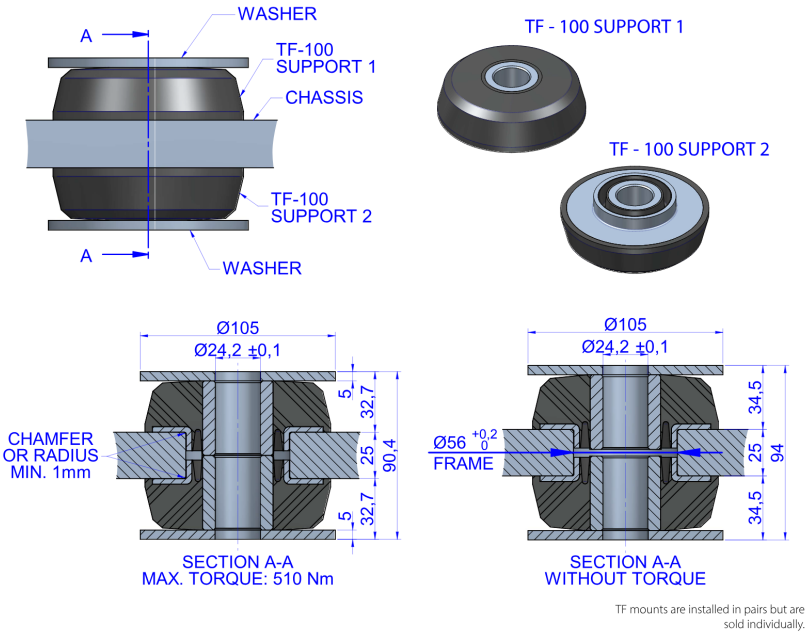
TF mounts are installed in pairs but are sold individually.

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

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TF 100



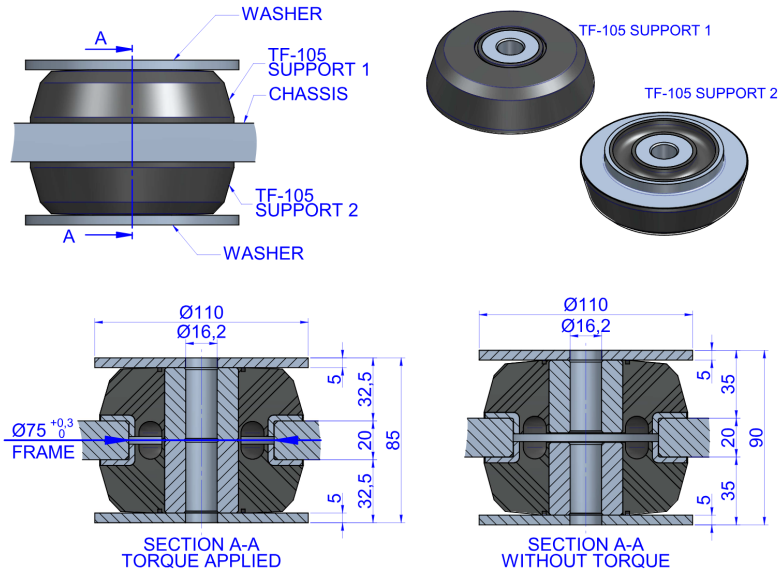
TF mounts are installed in pairs but are sold individually.

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

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TF 105



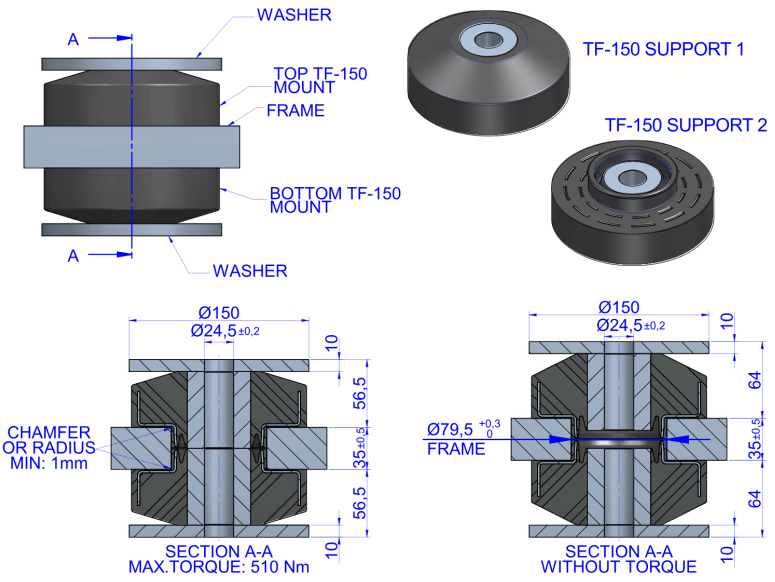
TF mounts are installed in pairs but are sold individuall y.

Type	T Min.(in)	Q(in)	Weight(lbs)	Washer	Bolt Size (Metric)	Bolt Size (Imperial)	Code	Max. Load(lbs)	Shore
TF 105	0.79	2.95	1	611167	M16	5/8"	137381	353	40 Sh
							137382	441	50 Sh
							137383	606	60 Sh
							137384	793	70 Sh

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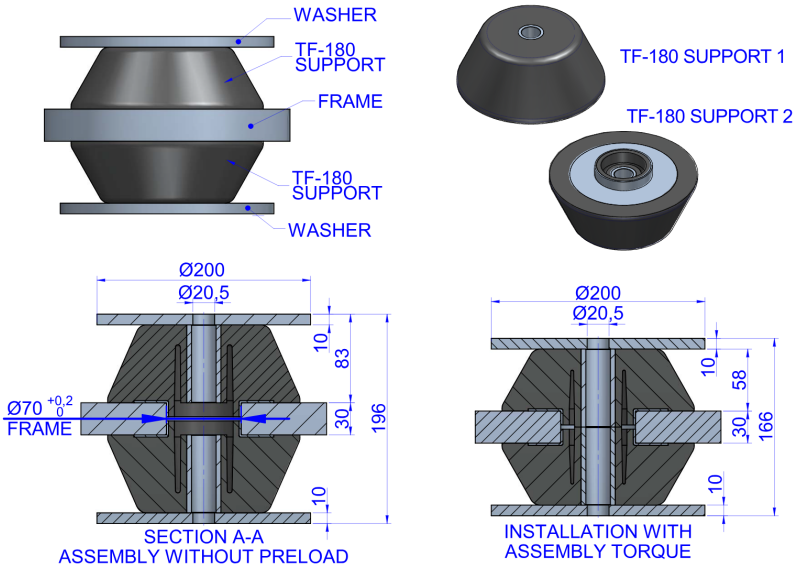
TF 150



TF mounts 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 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



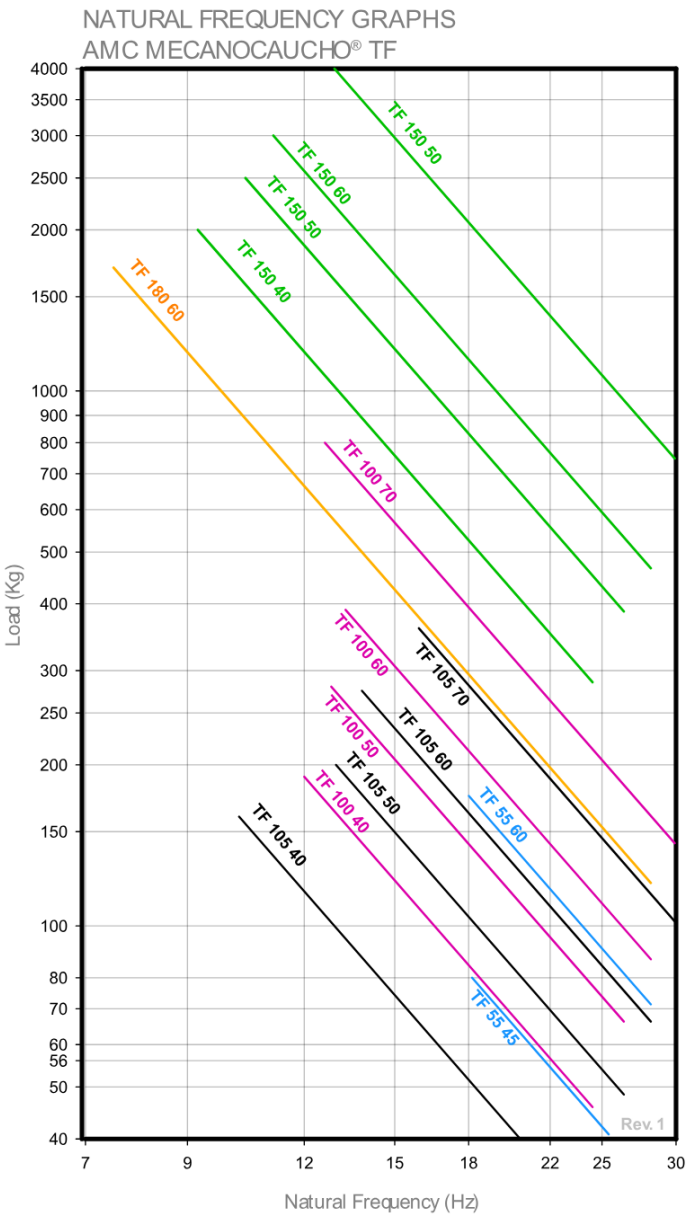
TF mounts are installed in pairs but are sold individually.

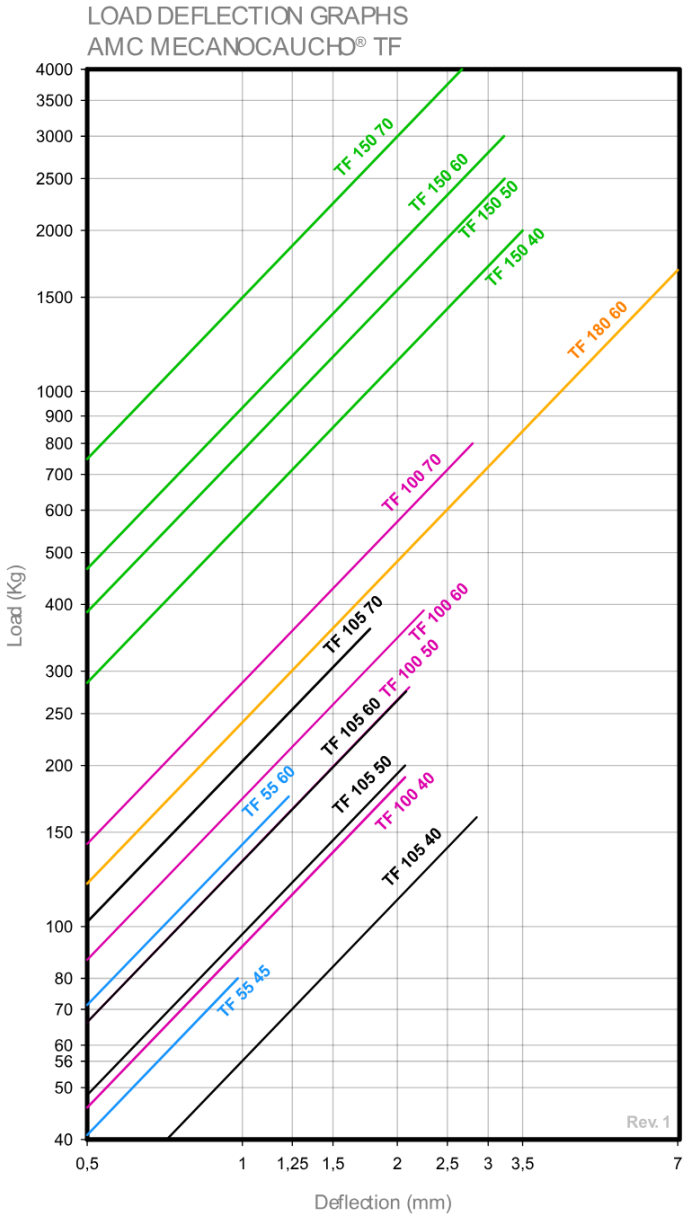
Type	T Min.(in)	Q(in)	Weight(lbs)	Washer	Bolt Size (Metric)	Bolt Size (Imperial)	Code	Max. Load(lbs)	Shore
TF 180	1.18	2.76	4	610379	M20	3/4"	138151	3747	60 Sh

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Elastic properties





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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.

Advantages

Easy installation

This mount requires no major modifications to the structure for installation.

High robustness in dynamic applications for improved durability

These mounts offer enhanced robustness and are designed to withstand extreme load peaks. They are especially recommended when good durability is required in demanding applications.

High protection against weathering and chemical contamination

The bell housing protects the rubber from ozone and UV radiation, while also preventing contact with diesel, oils, or other chemicals that could damage it.

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