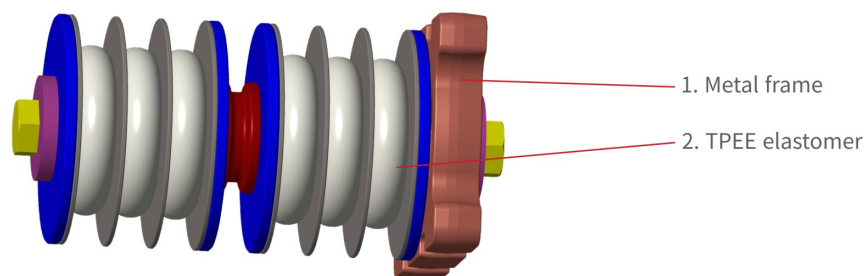


COUPLER BUFFER

OVERVIEW ▶▶▶

The coupler buffer is composed of elastic damping elements and metal frames, which can alleviate the longitudinal impact and vibration caused by vehicle collisions during train startup, braking, and shunting.

STRUCTURE ▶▶▶



TPEE Coupler buffer

- 1.Metal frames are mainly used for fixing elastomers.
- 2.TPEE elastomers are the elastic damping elements of the coupler buffer.

CHARACTERISTICS ▶▶▶

- 1.The product can withstand the impact load of 1500-2500KN.
- 2.The single TPEE elastomer capacity can be designed from 5kJ to 12kJ.
- 3.The service life of the product is up to 10 years.
- 4.The mass of a single TPEE elastomer is less than 2kg.
- 5.TPEE raw materials are low-carbon and can be recycled.

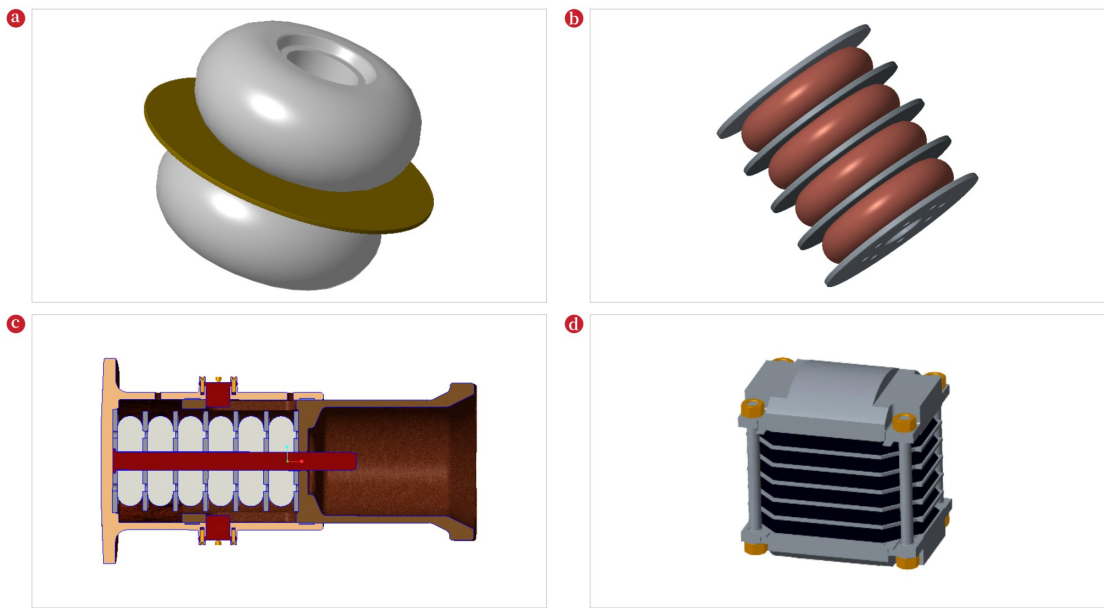
CAPABILITIES ▶▶▶

- Capable of TPEE raw material molecular structure design, modification, and processing technology.
- Lead time: 2 months.
- The product can be produced independently in the whole process.
- The products can meet the requirements of EN15551, EN15566 and other related testing standards.



COUPLER BUFFER

TYPICAL COUPLER BUFFER TYPES ▶▶▶



PLEASE FILL THE TABLE BELOW FOR ANY ENQUIRE ▶▶▶

Stored energy	kJ		Damping rate	%	
Stroke	mm		Installation height	mm	
Maximum load	kN		Foot print	mm	
Preload	kN				

Product details can be found in website: <http://www.zztmt.com/zztmt/>