

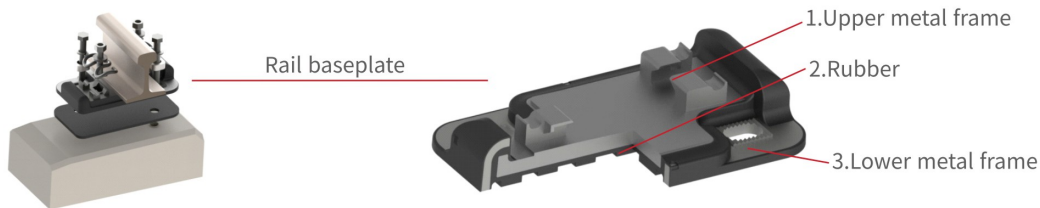


RAIL BASEPLATES

APPLICATION ▶▶▶

The rail baseplate is a type of vibration reduction product under the rail, which is used to fix the rail on the track slab,buffer the impact force from any direction, secure the track installation.The rail baseplate mainly install on the viaduct, underground line, main line, depot line, turnout etc.

SYSTEM CONFIGURATIONS AND PART FUNCTIONS ▶▶▶



1.Upper metal frame	The part located above the baseplate that reinforces and supports the structure of the rubber
2.Rubber	Deform by compression or shear, provide medium or high damping effect, limit the lateral movement of rail
3.Lower metal frame	Fasten rail baseplates to sleepers or track slabs by anchor bolts

CHARACTERISTICS ▶▶▶

- Vulcanized integral rubber metal parts
- High electrical insulation($\geq 10^9\Omega$)
- Service life over 20 years
- High vibration attenuation. The reduction effect up to 8dB
- Low ratio of static and dynamic stiffness
- Two vertical stiffness stage

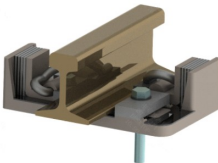
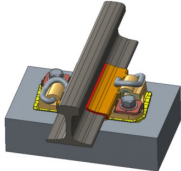
CAPABILITY&EXPERIENCE ▶▶▶

- Used cross 5 continents, such as Sydney Rail Network, Perth Rail Network, Queensland Rail Network, Melbourne Rail Network, New Zealand Rail Network and Korea, etc.
- Advanced production equipment and technology
- Design and manufacture new baseplate according to customer requirements within 3 months
- Annual output is over one million pieces
- Fully testing capabilities



RAIL BASEPLATES

TYPICAL RAIL BASEPLATES TYPES ▶▶▶

Type	Name	Schematics
A	High-performance baseplate with low height	
		<ul style="list-style-type: none"> ● Low vertical stiffness(6~9kN/mm), high vibration damping effect($\geq 10\text{dB}$) ● Low installation height ($36\pm 1\text{mm}$),high lateral stability ● Vulcanized integral structure
B	Insulated fasteners	
		<ul style="list-style-type: none"> ● Split-type, easy to install and replace ● Electrical resistance value under water spray $\geq 10^5\Omega$

PLEASE FILL THE TABLE BELOW FOR ANY ENQUIRY ▶▶▶

Track Sections	<input type="checkbox"/> Ballast; <input type="checkbox"/> Non-Ballast; <input type="checkbox"/> Intercity; <input type="checkbox"/> Regional; <input type="checkbox"/> Suburban; <input type="checkbox"/> Inner city; <input type="checkbox"/> High speed train; <input type="checkbox"/> other				
Rail type	/		Track location	Country/city	
Vertical Static Stiffness	kN/mm		Height from rail bearing surface to sleeper	mm	
Dynamic To Static Stiffness Ratio	/		Pitch of Fix holes	mm	
Fix holes Dimension	mm×mm		Length and width of the product	mm×mm	

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