

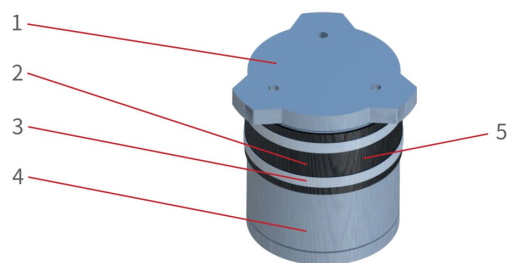


# FLOATING SLAB TRACK STEEL SPRING ISOLATOR

## APPLICATION ▶▶▶

The steel spring isolator is the core component of the steel spring floating slab, used in combination with the outer cylinder, installed inside slab tracks.

## CONFIGURATION ▶▶▶



1.Cover plate	Bear load
2.Rubber seal	Keep out debris
3.Hose clamp	Make the rubber sealing ring close to the cover plate and the base
4.Base	Bear load
5.Inner parts	Provide stiffness and damping

## CHARACTERISTICS ▶▶▶

- Damping ratio 5%~12% and good vibration reduction effect( $\geq 15$ dB)
- Maximum load capacity $\geq 100$ kN
- Continuously height adjustment up to 60mm
- Low frequency vibration reduction effect( $\geq 4$ dB)
- Design life( $\geq 50$  years)
- Maintenance-free, stepless height adjustment, two-stage static vertical stiffness

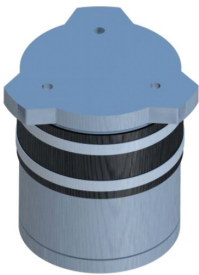
## CAPABILITY&EXPERIENCE ▶▶▶

- All the type tests can be tested (static stiffness, damping ratio, fatigue performance and so on)
- Products have been applied in the chongqing, wuxi, beijing, shanghai, xi' an, etc.
- Design and manufacture new products according to customer requirements within 3 months



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## TYPICAL TYPES ▶▶▶



## PLEASE FILL THE TABLE BELOW FOR ANY ENQUIRY ▶▶▶

Train type	<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			
★ Operation area $O$	Country/city		Max speed $V_{MAX}$	km/h
★ Static stiffness $S_{STA}$	kN/mm		Axle load $L_{Axle}$	kN
★ Static load $L_{STA}$	kN		Dynamic Load $L_{DYN}$	kN
★ Fatigue performance (10-60kN, 4Hz, 3,000,000 cycles or other requirements)	Height Change/mm		Slab Mass $M$	MG
	Stiffness change /%		Vibration Reduction effect $V_{Re}$	dB
Item points with ★ are optional				

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