

RTPD AND SLAB TRACK EMBEDDED INSERTS

FOR TEMPORARY SUPPORT ON SLAB TRACK



IN FAVOUR OF MOSDORFER RAIL'S

TURNOVER PREVENTION DEVICE

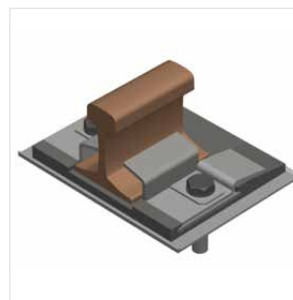
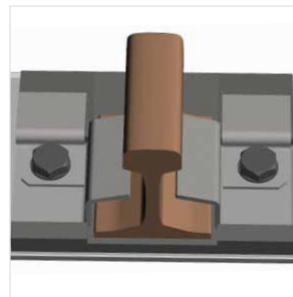
PREVENT

EMBEDDED INSERTS FOR TEMPORARY SUPPORTING OF SLAB TRACK

QUALITY, SAFETY AND RELIABILITY

02

Mosdorfers 'Derailment prevention guard' is manufactured to the highest quality

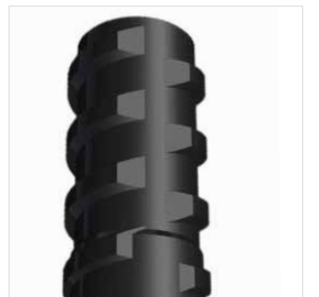


Facts about our rail turnover prevention device

- RTPD assembly includes the parts made of high quality special steel alloys, Spring steel and super grade polyamide having ultra-high mechanical, electrical and weather resistance quality.
- RTPD assembly is under supply to prestigious project of high-speed bullet train.
- RTPD is successfully tested and verified according to JIS standards and Indian Standards.

03

Our portfolio for slab track accessories includes insert type D, reinforced springs and inserts type C.

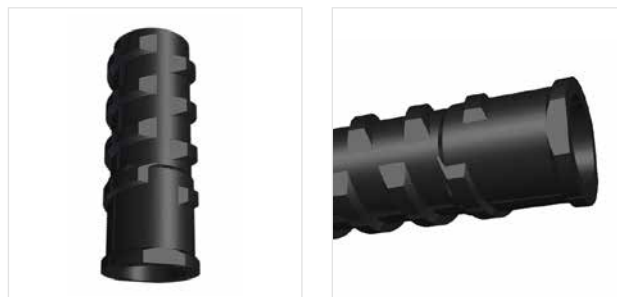


HIGH QUALITY MATERIALS WITH HIGH QUALITY FINISH

EASE OF OPERATION WITH
MAXIMUM PRECISION

04

Insert Type D



Inserts are used to transfer loads from structural or non-structural elements into the concrete slab. This ensures that the loads are distributed properly and that the slab can support the additional weight.

Using slab inserts allows for the pre-planning of where items will be attached to the slab, making the installation process easier and more organized.

This insert is manufactured by use of super grade polyamide having ultra-high mechanical, electrical and weather resistance quality.

Reinforced springs

These reinforced springs are used to absorb shock or dynamic loads, such as in seismic designs of slab structures.

Reinforced springs are manufactured by Ø 4 mm low carbon steel wire As Per JIS G 3532(SWM-B) by spring coiling machine.

Type A



Type C



Type D



05

Insert Type C



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RAIL TURNOVER PREVENTION DEVICE

INNOVATIVE RAILWAY TECHNOLOGY

ONLINE

06

**The Problem:
Train derailment due
to earthquakes –
Solution: Rail turnover
prevention device.**



07

**RTPD: An embedded
insert for temporary
supporting of slab track**

Rail Turn-Over Prevention Device (RTPD) is functioning as “Derailment prevention guard” against issue like earthquake related issues. Even if the derailed High-Speed Rail (HSR) train breaks the rail fasteners, the rail turnover prevention device can prevent rail turnover by resisting the impacted wheel loads and preserving the rail in seating position.

Rail-turnover prevention device (RTPD) is subjected to the lateral forces exerted by derailed wheels and L-shaped guides which are used to prevent excessive off-tracking of wagons. RTPD also functions in abnormal cases like collision and prevents failure in collision with a derailed wheel.

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