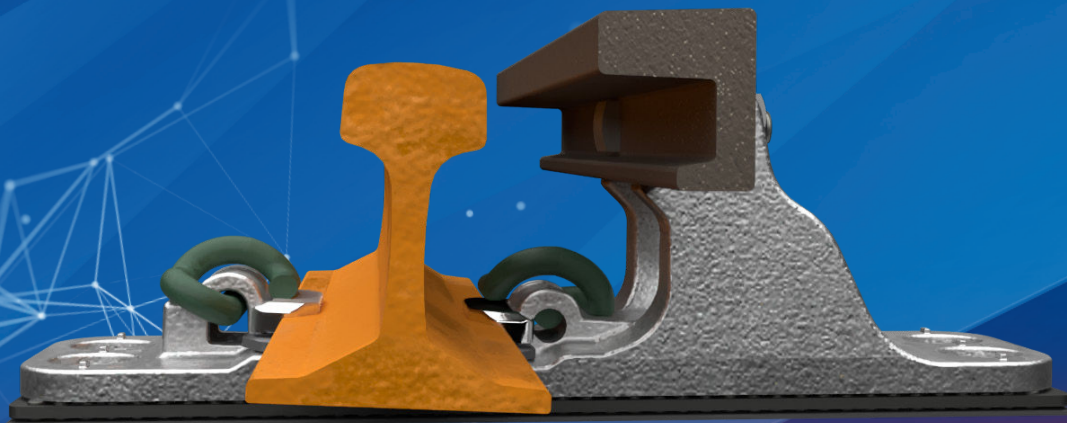


ENERGY

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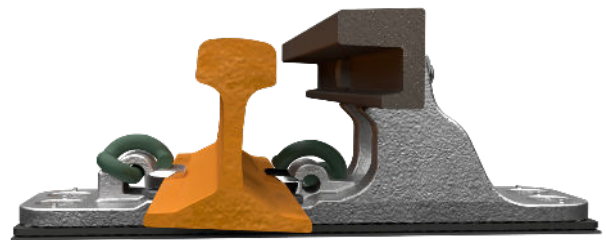
CHECK RAIL CHAIR ASSEMBLY

FOR A SMOOTH TRANSITION
OF WHEELS



IN FAVOUR OF MOSDORFERS CHECK RAIL CHAIR ASSEMBLY

Check Rails are designed to provide a smooth transition for the wheels as they are to navigate the curve.



About Check Rail Chair Assembly

Check rail is an additional rail placed adjacent to the main rail on curves to guide the flanges of the train wheels and maintain stability. It helps to prevent derailments and maintain proper alignment of the train wagons on the curved tracks.

Check rails are designed to provide a smooth transition for the wheels as they navigate the curve. The check rail profile is carefully designed to match the wheel flange profile, allowing for effective guidance and stability.

The shape of the chair is able to transfer the horizontal and vertical loads resulting from the wheel sets.

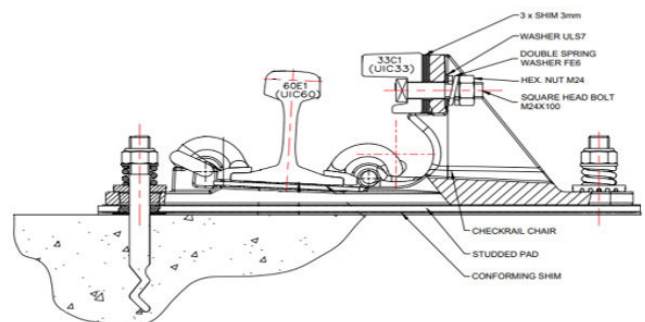
RAILWAY

Facts about Check Rail



- Check Rail assembly is successfully type tested in LADICIM university of Cantabria, Spain for rigorous testing as per EN 13146-1 to 10
- Check rail design has been validated for performance to suit the actual site condition through structural calculations and Finite Element Analysis (FEA)
- Assembly is also validated for “Life estimation study” by computer program & “Actual Fatigue analysis” through endurance test.
- This check rail design is developed for various prestigious metro projects.

Two Available Designs in India: Usages – 70% fabricated type & 30% Casted type.



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