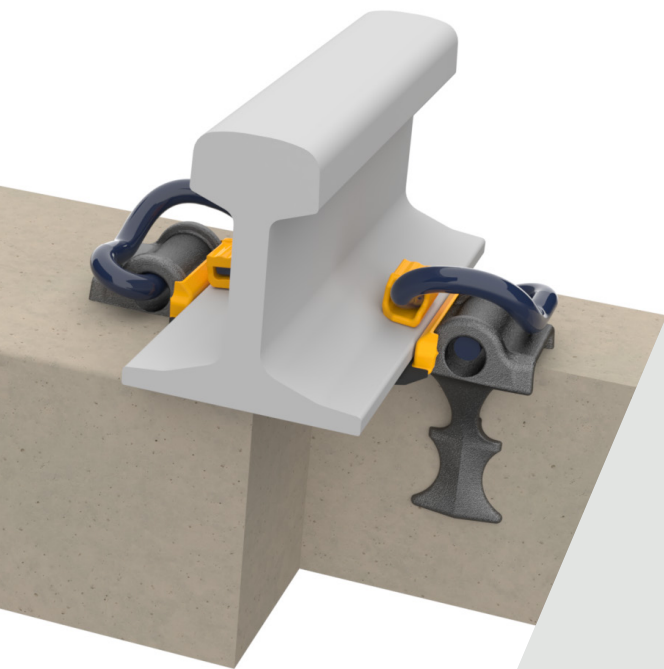


Re System

Fastening systems



The Pandrol Re System rail fastening assembly delivers faster installation times and a reduced number of components compared to traditional e-Clip equivalents. This can lead to more productive engineering possessions for track refurbishment.

Re System rail pads are supplied with side-post insulators already attached. This reduces time and labour when laying out and installing components on site. Re System is also supplied with toe insulators already in place on the toe of the clip. This further reduces installation time and the number of loose components on site.

→ TECHNICAL FEATURES

Ready to retrofit

Pandrol's Re System can be easily retrofitted to existing Pandrol e-Clip and PR Clip assemblies.

Highly durable

With separated toe and side-post insulator functions, Re System provides greatly improved insulator durability.

Efficiency gains

The Re System delivers side-post insulators and rail pads as single components, creating valuable efficiencies throughout the installation process. By reducing the number of components to handle, it simplifies logistics and on-site operations. The system also enables the mechanisation of pad installation, removes the need to place insulators individually, and facilitates easier rail threading for improved productivity and consistency.

Customised rail pads

Re System rail pads can be supplied in different materials and stiffness. Examples include EVA, grooved rubber, studded rubber and PU.

Heavy haul applications

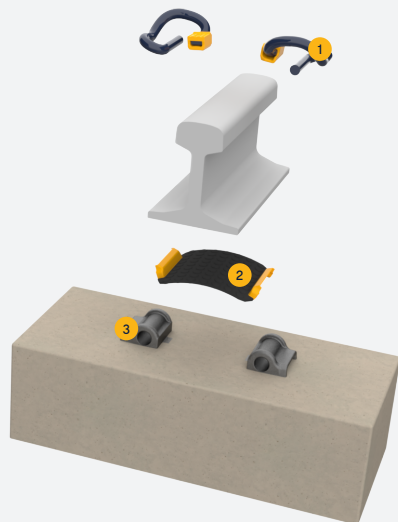
Re System is also suitable for heavy haul applications. Please consult Pandrol for details.

Design Expertise

Re System is a rail fastening evolution based on decades of worldwide experience, and the unmatched knowledge and understanding of Pandrol engineers.

→ ADVANTAGES

- Separation of the insulator provides longer component life for this vital element of the rail fastening assembly. Insulator parts can be made from a range of materials to further tune track performance.
- The Pandrol Re System adopts the two-part insulator concept developed by Pandrol for the Fastclip system.



COMPONENTS

1. Clip and Toe insulator
2. Rail pad with integral side-post insulators
3. Cast SGI shoulder

→ SPECIFICATIONS

Assembly performance data

Recommended categories	A, B, C, D, E
Type of track	Ballasted
Rail inclination	Provided in the concrete as required
System type	e-Clip
Static Stiffness	> 50 MN/m
Dynamic stiffness	> 70 MN/m
Lateral adjustment	± 5 mm
Vertical adjustment	Up to 20 mm
Gauge adjustment	± 2 mm provided in the Rail Pad
Electrical insulation	> 5 kΩ

Performance values can be varied, depending on product configuration. For any other configuration, please contact us

Standard compliance

- EN 13146 / Arema Test Methods



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