

Fastclip FC

Fastening systems



The Pandrol Fastclip FC system is designed for all categories of track, and specifically engineered to be capable of rapid installation by mechanised equipment. Fastclip FC is a threadless fastening system, with low maintenance and pre-assembly of the fastening which remains captive on the sleeper, during installation and maintenance.

The Fastclip FC product has substantial global references on both concrete and steel applications.

→ TECHNICAL FEATURES

Fully pre-assembled

All Fastclip FC components leave the sleeper factory fully pre-assembled on the sleeper. This provides huge savings in manpower, as well as reduced distribution and handling costs during track laying, stressing and rail changing.

Threadless

The Fastclip FC system has no threaded components, eliminating costly maintenance.

Replaceable components

Fastclip FC is virtually maintenance free. In the rare event that a component requires replacement, the clip can be withdrawn easily.

Automatic tensioning

Correct tensioning is automatically achieved when the clip is driven into the working position. Fastclip FC provides excellent creep resistance.

Automated installation

Installing rail fastenings by mechanised equipment reduces the installed cost of the rail fastenings and can provide further savings during the life of the fastening each time the clips are removed and installed for rail maintenance activities. Clip application units can either be incorporated directly into the frame of a track laying train (no manpower required) or in free standing clipping equipment with small, medium and high output options available.

Cast shoulder anchorage

Cast-in shoulders hold the rail at the correct gauge and set the correct Fastclip deflection. The shoulders are cast into the sleeper during the manufacturing process.

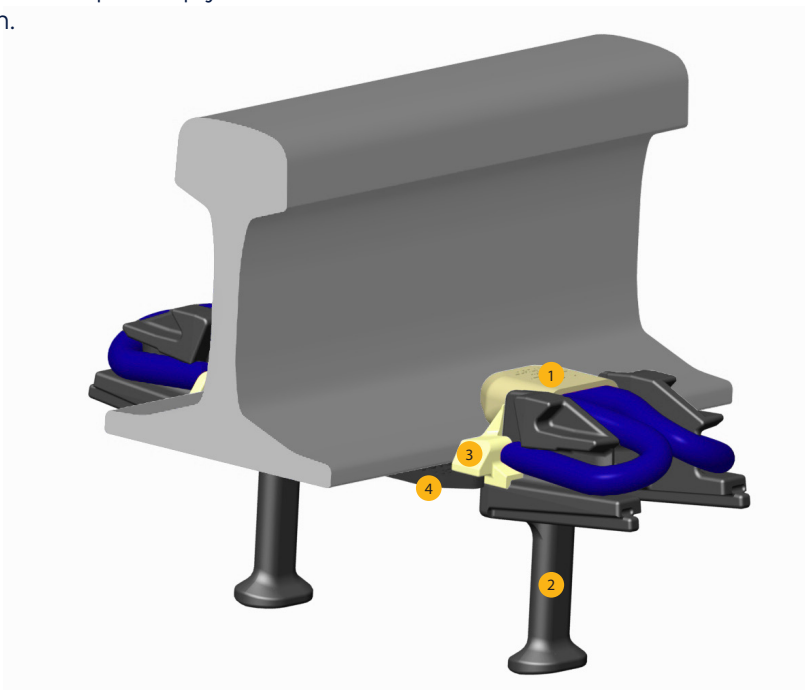
Simplified stressing

All components remain captive during the rail stressing procedure. The clip is simply withdrawn back to the parked position to release the rail. Stressing rollers are available for use if required.

Pandrol Fastclip has been designed as a total system, in which all components are delivered to site pre-assembled on the sleeper. Once the sleepers are laid, and the rail installed, the clip is simply switched onto the rail by means of a simple drive action.

→ COMPONENTS /

- 1. Clip and toe insulator
- 2. Cast SGI shoulder
- 3. Side post insulation
- 4. Rail pad



→ INSTALLATIONS /



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