



Clamptite Boltless Adjustable Brace

It is well known that certain railroad track assemblies, switches and stock rails, must be braced so as to prevent rotational movement as rail cars pass through. Some current boltless brace designs do not provide a means for vertical retention other than the toe load of the clip itself. Some have a ledge added for vertical restraint, however it is too far removed from the rail and as a result they can be pulled out of the rail seats during handling and especially during tamping. The innovative "CLAMPTITE" adjustable rail brace has improved design features that resolve these problems.





Features

- Brace and retention block are adjacent to the rail which increases the holding power.
- Brace is good for use with rail sections 115 and higher.
- Double wedge action for lateral and vertical holding power.
- Brace design allows for the use of standard switch heater rods.
- Testing shows the Clamptite brace to have 5 times more holding power than any boltless adjustable brace in use today.
- The serrated contact surfaces where the cover washer engages the braces are secured with a standard e clip and positioned directly over the rail base for greater vertical restraint.
- The restraining block has a built in anti overdrive feature which prevents the clip from being driven too far which could result in failure.
- When the stock rail comes out of its seat, many man hours and track time is required to reassemble the switch. The Clamptite brace has the holding power which greatly reduces the potential for rail disengagement when loading, moving or tamping.

