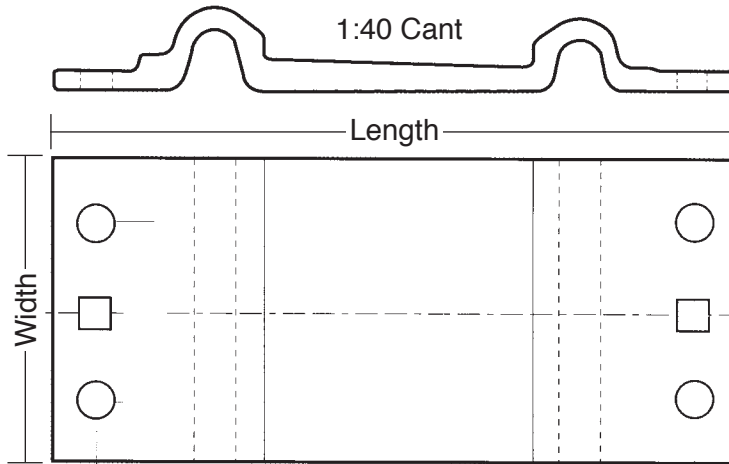




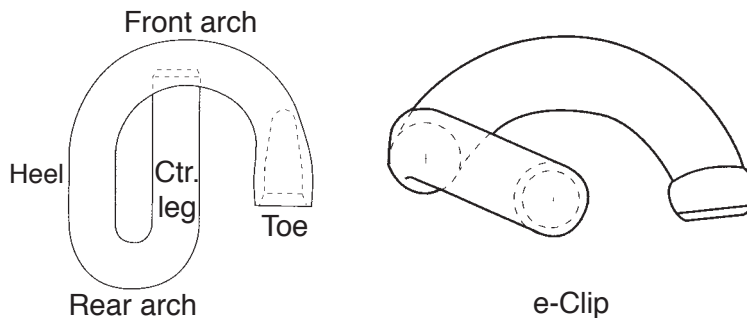
# DIRECT FIXATION TIE PLATES, STEEL TIES



## Direct Fixation Tie Plates with Riemsarail Clips

Riemsarail direct fixation tie plates use an elastic clip ("e-Clip") system to firmly hold the rail to the base plate. The clip's spring and torsion action work together to generate strong clamping force, reducing rail rollover risk and offering longitudinal stability.

These plates come in 5-½" and 6" rail base widths with a 1:40 cant. Standard punching includes four round holes and two square holes, though custom designs can be provided upon request.



For wooden tie installations, screw spikes ensure a secure attachment. Specialized clips are also available for track joints where standard clips cannot be used due to joint bar interference.

## Steel Ties for Enhanced Track Performance

As an alternative to wooden ties, Riemsarail steel ties provide excellent gauge and cant retention with their "hook-in shoulder" design. Available in standard 56-½" gauge, they can also be customized for switch installations per AREMA or railroad specifications.

Each set includes pre-punched, labeled ties along with all necessary fasteners—standard or specialty—for securing rails, points, frogs, guard rails, and switch machines.

