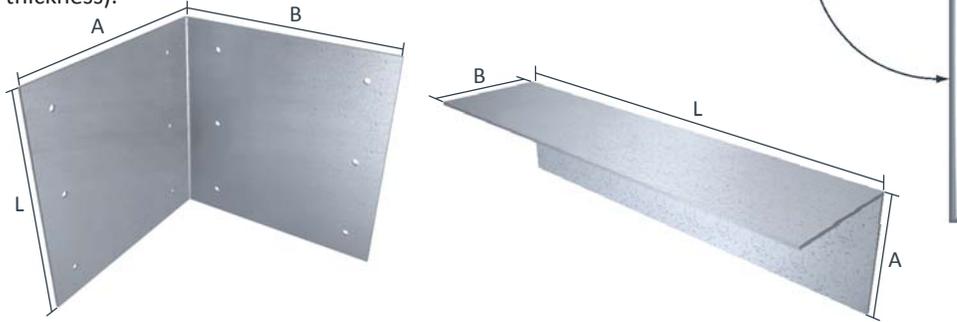


Custom Connectors & Clip Angles

Specialized Products For All Applications

Material Composition

ASTM A1003/A1003M Structural Grade 33 (230) Type H, ST33H (ST230H): 33ksi (230MPa) minimum yield strength, 45ksi (310MPa) minimum tensile strength, with ASTM A653/A653M G60 (Z180) hot dipped galvanized coating. Available in 54mil minimum thickness (16 gauge, 0.0566" design thickness) or 68mil minimum thickness (14 gauge, 0.0713" design thickness).



Notes

- The Steel Network is equipped to manufacture cold-formed steel connections of any size and shape. Some examples of custom products manufactured are shown and described below.
- Please allow reasonable time for production of all custom parts.
- Structural testing is available upon request.
- Contact TSN for assistance designing custom products for special applications or requirements.

Nomenclature

Clip angle can be manufactured to any specifications, however TSN stocks some more common sizes. Angle is classified with the letter "L" followed by (Leg A) x (Leg B) x length (inches), then mil thickness.

Example: Leg A = 3", Leg B = 3", Length = 5 3/4", 54 mil material

Designate: L3x3x5.75-54

* Special product drawing is required for all non standard products.

**Common stocked angles come pre-punched for easy installation, though holes are not required.

Example Details



Connector for parallel wall studs. One stud rigidly attached to wall stud. The other stud accommodates vertical deflection of the primary structural frame.

VertiTrack® VTD modified to accommodate 4" slots in VertiClip SLD provides an effective, efficient solution for large demising walls typically seen in retail stores and theaters.



Retrofit situation where a stud does not run full height, creating a situation where a modified VertiClip SLS was lengthened to bridge a large gap from the structure of 26".

Unique condition brought to TSN by Specialty Engineer. TSN helped design a solution and test & fabricate clips.