

SPECIALTY PRODUCTS

SUBH BRIDGING CONNECTORS



Simpson Strong-Tie® SUBH and MSUBH wall stud bridging connectors for cold-formed steel (CFS) framing offer a compact profile that allows standard 1 5/8" studs to be sistered directly against adjacent studs. The LSUBH connector provides the same installation benefits of the SUBH/MSUBH connectors, and is suitable for many wind- and load-bearing situations where the load demand is light to moderate. Many applications require only one screw, greatly reducing labor costs and increasing productivity.

MATERIAL: LSUBH3.25 - 33 mil (20 ga.); SUBH3.25 - 43 mil (18 ga.); MSUBH3.25 - 68 mil (14 ga.)

FINISH: Galvanized G90

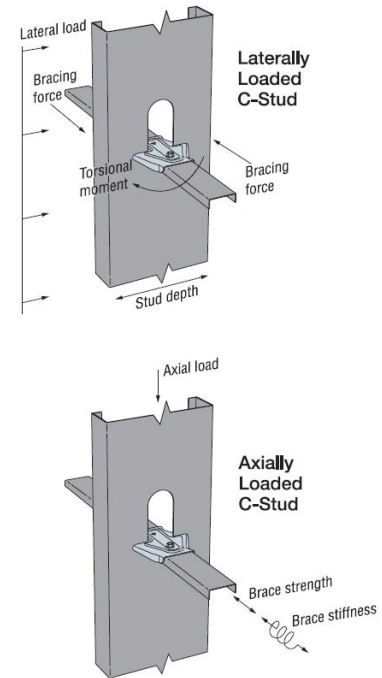
INSTALLATION:

Bracing for Laterally Loaded C-Studs

- Calculate required bracing force for each flange using equation D3.2.1-3
- Select connector with tabulated allowable torsional moment that exceeds the torsional moment from Step 2 for the stud depth and gauge required.

Bracing Design for Axially Loaded C-Studs

- Calculate required LRFD brace strength using equation D3.3-1
 - Divide result by 1.5 for ASD design 1
 - Calculate required brace stiffness using equation D3.3-2
 - Select connector with tabulated allowable brace strength that exceeds stiffness from Step 3 for the stud depth and gauge required.
1. Page III-54 of the 2008 edition of the AISI Cold-Formed Steel Design Manual states that equation D3.3-1 is applicable to LRFD design, and recommends dividing the result by 1.5 for ASD design.



GROMMET

Grommets snap easily into stud and joist knockouts. They are used to protect electrical wiring and plumbing lines from contacting metal. Grommets can be used in commercial and residential construction for stud sizes of 3-1/2" and larger.

INSTALLATION:

- Install grommets in all stud knockouts where wiring and plumbing lines will be inserted.
- Simple one piece snap in installation.
- 25 parts to a bag/500 to a box.

