BUCKLEBRIDGE[®]

BRIDGING CHANNEL

PRODUCT APPLICATION

BuckleBridge[®] provides a solid wall stud bridging system to resist weak axis buckling and torsional rotation of members. Elongated tabs in one end of BuckleBridge lock into a slot at the other end (through the stud knockout). Two vertical flaps at each end contain pre-drilled holes to facilitate the attachment to the stud. BuckleBridge is used with 16" o.c. member spacing.

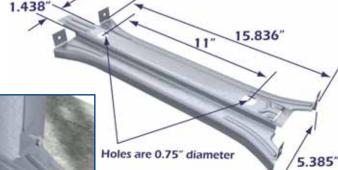
MATERIAL COMPOSITION

ASTM A653/A653M, Grade 50 (340), 50ksi (340MPa) minimum yield strength, 65ksi (450MPa) minimum tensile strength, G-60 (Z180) hot-dipped galvanized coating. Material thickness = 33mil (20ga, 0.0346" design thickness).

BUCKLEBRIDGE VALUE

- Fast installation
- Tabs lock into slots for continuous system
- No threading channels through knockouts
- No welding
- Meets AISI bridging stiffness requirements
- Guide holes for accurate placement of fasteners to stud
- Fits in SigmaStud[®] and SSMA standard wall sections, 6" and greater web depths





BUCKLEBRIDGE INSTALLATION



Twist BuckleBridge into stud punchout and insert tab into slot of previously installed BuckleBridge.

Install #10 screws through guide holes to stud web.

EXAMPLE DETAIL BACK-TO-BACK STUDS

BUCKLEBRIDGE ALLOWABLE LOADS AND STIFFNESS Connection in Compression **Connection in Tension** Flexural Flexural Axial Load Axial Load Stiffness Stiffness Studs 16" o.c. (kips) (kips/in.) (kips) (kips/in.) 2.4 31.0 0.44 2.56

QUANTITY / ORDER INFORMATIONDesignationQty/BoxLbs/BoxPcs/SkidLbs/SkidBuckleBridge2525375375

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