

## 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

Studs 16" o.c.	Connection in Compression		Connection in Tension	
	Axial Load	Flexural Stiffness	Axial Load	Flexural Stiffness
	(kips)	(kips/in.)	(kips)	(kips/in.)
	2.4	31.0	0.44	2.56

## QUANTITY / ORDER INFORMATION

Designation	Qty/Box	Lbs/Box	Pcs/Skid	Lbs/Skid
BuckleBridge	25	25	375	375