BRIDGING & BRACING CONNECTORS



Box

Quantity

100

100

BRIDGERITE CLIP (BR)

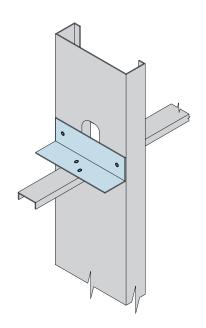
BridgeRite Clips are ready for use to attach cold rolled channel to wall studs. This easy to use clip will save time and money from having to cut longer length angles down to size.

MATERIAL: 16 ga (54) 50ksi FINISH: Galvanized - G90

INSTALLATION:

• Attach BridgeRite clip to web of stud and cold rolled channel #10 - 16 screws through pre-punched holes.

0	Lengths 3-1/2", 5-1/2"	
		1.1/2"



Model

No.

BRC3

BRC6

Size

3-5/8", 4"

6", 8'

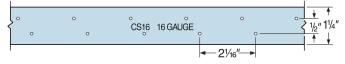
COILED STRAP (CS)

CS are continuous utility straps which can be cut to length on the job site. Packaged in lightweight (about 40 pounds) cartons.

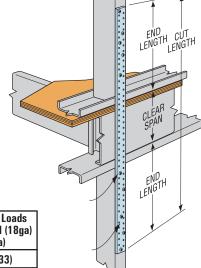
FINISH: Galvanized - G90

INSTALLATION:

- · Use all specified fasteners.
- · Refer to the applicable code for minimum edge and end distances.
- · The table shows the maximum allowable loads and the screws required to obtain them. See footnote #1. Fewer screws may be used; reduce the allowable load by the code lateral load for each fastener subtracted from each end.



			Material			steners (To tud/Joist 1		Allowable Tension Loads 33 mil (20ga), 43 mil (18ga)	
1	Model		Thickness		33 mil 43 mil 54 mil		& 54 mil (16ga)		
	No.	Length	(mil/ga)	Width	(20ga)	(18ga)	(16ga)	(100)	(133)
ſ	CS16	150′	54 (16ga)	1-1/4"	18 –#10	12 –#10	8 –#10	1550	2065
Ī	CS18	200′	43 (18ga)	1-1/4"	14 –#10	10 –#10	6 –#10	1235	1645
Ī	CS20	250′	33 (20ga)	1-1/4"	12 –#10	8 –#10	6 –#10	945	1260



Typical CS installation as a floor-to-floor tie

- Use half of the fasteners in each member being connected to achieve the listed loads.
 For CS straps: End Length (inches) = 1/2 total fasteners + 1".
 Total Cut Length = End Length + Clear Span + End Length.

- For a reduced number of screws, allowable load = (#screws used/#screws in table) x table load. Loads are based on lesser of steel strap capacity and 2001 AISI NASPEC fastener calculation. Tabulated loads shown at (100) do not include steel stress increase.
- Tabulated loads shown at (133) include a 1/3 stress increase on the steel.



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KATZ BLOCKING (KB)

Katz Blocking has been designed to provide top of wall attachment between parallel framing members. Product is pre-punched to work in 16" and 24" spacing of parallel framing members of wood or steel.

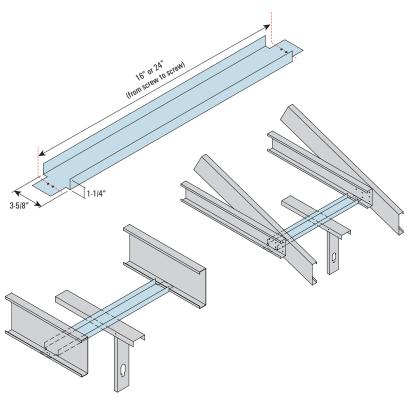
MATERIAL: See Table. 18 ga (43 mil) 33ksi; 20 ga (30 mil) 33ksi; 25 ga (18 mil) 33ksi

FINISH: Galvanized – G40

INSTALLATION:

- Insert the pre-cut structural blocking to fit securely between the underside of the floor/ceiling joist or roof trusses.
- Using #8 minimum self-drilling screws secure the blocking to steel framing of #8d nail to wood framing using the pre-punched holes.
- Use Katz blocking at 4' o.c. or maximum specified.

Model No.	Length	Gauge	Size	Pallet Qty
KATZ16	16"	25	3-5/8"	500
KATZ24	24"	25	3-5/8"	500
KATZ2024	24"	20	3-5/8"	500
KATZ1816	16"	18	3-5/8"	200
KATZ1824	24"	18	3-5/8"	200



TENSION BRIDGING (TB)

SIMPSON Strong-Tie

TB bridging is a cost effective way to provide bracing between floor joists when compared with field fabricated blocking and clip angles with multiple fasteners. TB is a tension-type bridging with maximum fastener flexibility. Use two #10 screws of the seven screw holes at each end.

MATERIAL: 20 ga (33) 50ksi FINISH: Galvanized – G90

INSTALLATION:

• Bridging will fit flange widths from 1-5/8" to 3"

Model No.	Length	Web Heights	Spacing (o.c.)
TB20	20"	6"	12"
TB20	20"	8″	12"
TB20	20"	10"	12"
TB27	27"	12"	12"
TB27	27"	6"	16"
TB27	27"	8″	16"
TB27	27"	10"	16"
TB27	27"	12"	16"
TB36	36"	10"	24"
TB36	36"	12″	24"

