

Truss Spacer / Bracer

The CDTBR24 is made from high-strength steel to meet the industry’s most demanding engineering standards. It was designed from the ground up to solve field installation problems. The new Truss Spacer/Bracer is used for lateral bracing and spacing of trusses 24 inches on center.

The CDTBR24 meets BCSI-B2 Truss Installation & Temporary Restraint/Bracing requirements, with values that exceed the competition in every installation configuration. To eliminate potential safety issues, the edges have been rolled and the tabs are inverted for easy installation.

MATERIAL SPECIFICATIONS

Gauge: 24 gauge (23mil)

Design thickness: 0.0238 inches

Coating: G90 (Z275) hot-dipped galvanized coating

Yield Strength: Structural Grade 50 Type H (ST50H), 50ksi (340 MPa)

PRODUCT DIMENSIONS

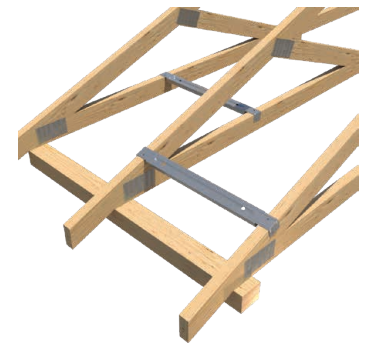
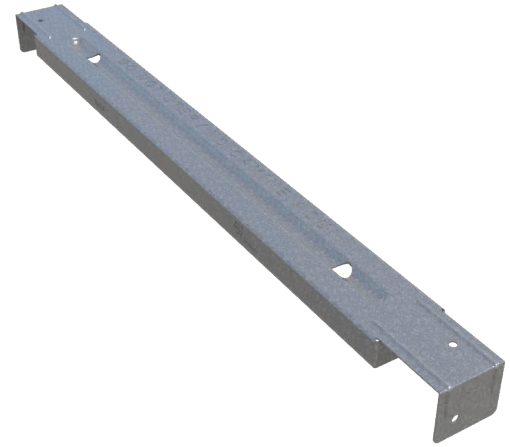
Length (L): 25-9/16"

Width (W): 1-1/2"

Depth (D): 5/8"

CODE REPORT

- IAPMO ER-0176



TBR24 Installation

Truss Spacer / Bracer (CDTBR24)

Product code	Fastener (Quantity per Bracer)		Load Type	Allowable Loads (lbs)											
				Spruce Pine-Fir (0.42 Specific Gravity)				Douglas Fir-Larch (0.50 Specific Gravity)				Southern Pine (0.55 Specific Gravity)			
	Size	Quantity		Load Duration Factor				Load Duration Factor				Load Duration Factor			
				1.00	1.15	1.25	1.60	1.00	1.15	1.25	1.60	1.00	1.15	1.25	1.60
CDTBR24 (Reduced Nailing)	10d x 1-1/2	2	Tension	175	175	175	175	225	225	225	225	230	230	230	230
CDTBR24 (Reduced Nailing)	10d x 1-1/2	2	Compression	370	385	395	430	515	530	545	585	485	505	515	560
CDTBR24	10d x 1-1/2	4	Tension	375	390	400	400	510	510	510	510	495	510	510	510
CDTBR24	10d x 1-1/2	4	Compression	400	420	435	480	560	585	605	605	545	575	595	605

Notes:

- 1 Allowable Load Capacities based on the Tabulated Species and Load Duration Factor.
- 2 CDTBR24 product is made of No. 24 gauge steel.
- 3 CDTBR24 have a dimension of Length: 25-9/16 inches, Width: 1-1/2 inches, Depth: 5/8 inch.
- 4 The required permanent lateral support for wood trusses shall be designed in accordance with Section 2303.4.1.5 of 2006 IBC or Section 2303.4.1.2 of 2009 IBC and 2012 IBC.
- 5 To obtain reduced nailing bracer capacities in tension and compression, nails shall be installed at each end of the bracer on narrow face.
- 6 To obtain maximum bracer capacities in tension and compression, nails shall be installed at each end of the bracer on both narrow face and wide face.