

**Truss and Rafters**
**06.00.00 (Wood, Plastics and Composites)**

## Truss Spacer / Bracer

### CDTBR24

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.

#### Product Data & Ordering Information:

<b>Material</b>	Structural Grade 50 Type H (ST50H), 50ksi (340 MPa)
<b>Coating</b>	G90 (Z275) hot-dipped galvanized coating
<b>Thickness</b>	24 gauge (23mil) 0.0238" Design thickness, 0.0227" Minimum thickness
<b>Dimensions</b>	(L) = 25-9/16" (W) = 1-1/2" (D) = 5/8"
<b>Packaging</b>	50 pcs/ctn
<b>Product weight</b>	0.70 lbs/ea



#### Code Approvals & Performance Standards

- [ASTM A653](#) Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process
- [ASTM A1003](#) Standard Specification for Steel Sheet, Carbon, Metallic- and Nonmetallic-Coated for Cold-Formed Framing Members
- [IAPMO ER-0176](#) Evaluation Report for Wood Framing Hangers and Anchors
- [SDS For ASTM A1003 Steel Framing Products](#) For Interior Framing, Exterior Framing and Clips/Accessories



**Sustainability Credits** For more details and LEED letters contact Technical Services at 888-437-3244 or visit [clarkdietrich.com/LEED](http://clarkdietrich.com/LEED).

- **LEED v4.1 MR Credit:** Environmental Product Declarations: EPD (1 point) - Sourcing of Raw Materials (up to 2 points) - Material Ingredients (1 point) - Construction and Demolition Waste Management (up to 2 points)
- **LEED v4 MR Credit:** Building Product Disclosure and Optimization: EPD (1 point) - Sourcing of Raw Materials (1 point) - Material Ingredients (1 point) - Construction and Demolition Waste Management (up to 2 points) - Innovation Credit (up to 2 points).

#### Allowable Loads (lbs)

Product Code	Fastener		Load Type	Spruce Pine-Fir				Douglas Fir-Larch				Southern Pine			
	(Quantity per Bracer)			(0.42 Specific Gravity)				(0.50 Specific Gravity)				(0.55 Specific Gravity)			
	Quantity	Size		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)	2	10d x 1-1/2	Tension	175	175	175	175	225	225	225	225	230	230	230	230
CDTBR24 (Reduced Nailing)	2	10d x 1-1/2	Compression	370	385	395	430	515	530	545	585	485	505	515	560
CDTBR24	4	10d x 1-1/2	Tension	375	390	400	400	510	510	510	510	495	510	510	510
CDTBR24	4	10d x 1-1/2	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.