

**Expanding Your Solutions** 

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# 600T150-68 "T" UN-PUNCHED TRACK (14 Ga. STRUCTURAL)

### **Geometric Properties**

"T" tracks are fabricated in 68-mil thick galvanized steel in standard CP60 coating weight. CP90 is available upon special request, and may require up-charges and extended lead times.

### **Physical Properties**

Model No.	Design Thickness (in)	Minimum Thickness (in)	<b>Yield</b> (ksi)	Coating <sup>3,4</sup>	Web Depth (in)	Leg Size (in)	
600T150-68	0.0713	0.0677	50	CP60	6	1-1/2	

- 1. Uncoated steel thickness. Thickness is for carbon sheet steel
- 2. Minimum thickness represents 95% of the design thickness and is the minimum acceptable thickness.
- 3. Per ASTM C955 & A1003, Table 1.
- 4. CP90 available upon request. Will require extended lead time and upcharge

### Color Code (painted on ends): 68-mil: Orange

### **ASTM & Code Standards:**

- ASTM A653/A653M, A924/A924M, A1003/1003, C955 & C1007
- ICC-ES & SFIA Code Compliance Certification Program
- ICC ESR-3016
- ATI CCRR-0224
- IBC: 2012, 2015, 2018
- CBC: 2013, 2016
- AISI: S100-07, S100-12, S100-16, S200-12, S240-15

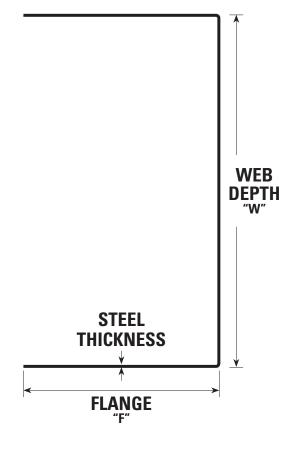
### **LEED v4 for Building and Design Construction**

- MR Prerequisite: Construction and Demolition Waste Management Planning.
- MR Credit: Construction and Demolition Waste Management.
- MR Credit: Building Product Disclosure and Optimization Sourcing of Raw Materials, Option 2.
- MR Credit: Building Product Disclosure and Optimization Environmental Product Declarations, Options 1 & 2.
- MR Credit: Building Product Disclosure and Optimization Material Ingredients, Option 1.
- MR Credit: Building Life-Cycle Impact Reduction, Option 4.

### **CEMCO** cold-formed steel framing products contain 30% to 37% recycled steel.

- Total Recycled Content: 36.9%
- Post-Consumer: 19.8% ■ Pre-Consumer: 14.4%

**CSI Division:** 05.40.00 – Cold-Formed Metal Framing



### 600T150-68 Track Properties<sup>3</sup>

Design Thickness (in.)	Ev		Gross <sup>2</sup>				Effective Properties			Torsional Properties						
	s ksi)	lx (in <sup>4</sup> )	Sx (in³)	Rx (in)	ly (in <sup>4</sup> )	Ry (in)	lx (in <sup>4</sup> )	<b>Sx</b> (in³)	<b>Ma</b> (in-k)	Vag (lb)	<b>Jx1000</b> (in <sup>4</sup> )	<b>Cw</b> (in <sup>6</sup> )	<b>Xo</b> (in)	<b>m</b> (in)	Ro (in)	ß
0.0713	50	3.309	1.059	2.273	0.113	0.419	3.162	0.891	26.68	5350	1.086	0.797	-0.669	0.430	2.406	0.923

Notes: 1. Web-height to thickness ratio, h/t, exceeds 200. Web Stiffeners designed in accordance with AISI are required at support points and concentrated Loads. 2. Gross properties are based on the full, unreduced cross-section. 3. Use the effective moment of inertia for deflection calculation







