

Technical Services: 888-437-3244, Engineering Services: 877-832-3206, Sales 800-543-7140

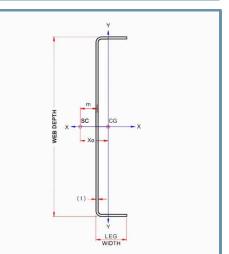
05.40.00 (Cold-Formed Metal Framing)

1150T300-43 (33ksi, CP60)

1150 (11-1/2") structural track with T300 (3") leg - 43mils (18ga)

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Coating: CP60 per AISI	S240	Color (Code: Yellow	
Geometric Propert	ies			
Web depth: 11.661 in Leg width: 3.00 in	Thickness: 43mils (18ga) Design Thickness: 0.0451 in Min. steel thickness: 0.0428 in	*Fy w	strength, Fy: 33 ksi vith Cold-Work, Fya: 33.0 ksi nate, Fu: 45.0 ksi	
Gross Section Properties of Full Section, Strong Axis				
Cross sectional area (A)			0.789 in ²	

0.591 in ⁴	
0.865 in	
11.617 in ⁴	
4.641 in	



Load-bearing walls

Curtain walls

Tall interior walls

Floor & ceiling joists

Trusses



• Effective properties incorporate the strength increase from the cold work of forming.

 Web-height to thickness ratio exceeds 200. Web Stiffeners are required at all support points and concentrated loads.

 This section does not meet the requirements of AISI North American Specifications. Increase the thickness or contact ClarkDietrich Tech Support for design solutions.

Code Approvals & Performance Standards

- AISI S100-16 (2020) w/S2-20 North American Specification for the Design of Cold-Formed Steel Structural Members
- AISI S240-20 North American Standard for Cold-Formed Steel Structural Framing
- (Compliant to ASTM C955, but IBC replaced with AISI S200 in IBC 2015, AISI S240 in IBC 2018)
 Section A3 Material Chemical & mechanical requirements (Referencing ASTM A1003/A1003M)
- Section A4 Corrosion Protection (Referencing ASTM A653/A653M)
- Section A5 Products Thickness, shapes, tolerances, identification
- Section C Installation (Referencing ASTM C1007)
- AISI S202-20 Code of Standard Practice for Cold-Formed Steel Structural Framing
 o Section F3 Delivery, Handling and Storage of Materials
- 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.

- 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).