

05.40.00 (Cold-Formed Metal Framing)





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

1400T300-97 (50ksi, CP60)

1400 (14") structural track with T300 (3") leg - 97mils (12ga)

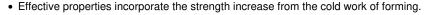
Coating: CP60 per AISI S240 Color Code: Red

Geometric Properties

Web depth: 14.356 in Thickness: 97mils (12ga) Leg width: 3.00 in Design Thickness: 0.1017 in Min. steel thickness: 0.0966 in Yield strength, Fy: 50 ksi *Fy with Cold-Work, Fya: 50.0 ksi

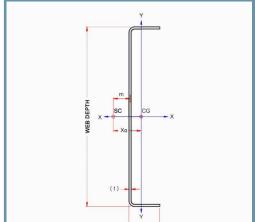
Ultimate, Fu: 65.0 ksi

| 032 in ² |
|----------------------|
| 91 lb/ft |
| |
| .123 in ⁴ |
| 540in ³ |
| 61 in |
| 353 in ⁴ |
| 316 in |
| is |
| 782 in ² |
| .640 in ⁴ |
| 316 in ³ |
| 4.18 in-k |
| 61 lb |
| |
| 005 in ⁴ |
| .644 in ⁶ |
| 252 in |
| 317 in |
| |
| 373 in |
| 2 |



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
 - o (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)
 - o 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
- IBC 2021 International Building Code
- ICC-ES ESR-1166P Structural Studs and Track
 - o ESR-1166P LABC and LARC Supplement
 - o ESR-1166P Catalog ClarkDietrich Structural Technical Design Guide (6/22/20)
- Intertek CCRR-0206 Structural Studs and Track
- SFIA Stud Code Compliance Certification Program
- SDS For ASTM A1003 Steel Framing Products For Interior Framing, Exterior Framing and Clips/Accessories



- · Load-bearing walls
- Curtain walls
- Tall interior walls
- Floor & ceiling joists
- Trusses



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).