**Product Submittal Sheet**

**Technical Services:** 888-437-3244  
**Engineering Services:** 877-832-3206  
**Sales:** 800-543-7140  
**clarkdietrich.com**

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**05.40.00 (Cold-Formed Metal Framing)**

**Product category:** T125 (1-1/4" Leg Structural Track)  
**Product name:** 600T125-43 (33ksi, CP60) - Unpunched  
43mils (18ga)  
Coating: CP60 per ASTM C955  
Color coding: Yellow

**Geometric Properties**
- Web depth: 6.161 in  
- Leg width: 1.25 in  
- Design thickness: 0.0451 in  
- Min. steel thickness: 0.0428 in  
- Yield strength, Fy: 33 ksi  
- *Fy with Cold-Work, Fya: 33.0 ksi  
- Ultimate, Fu: 45.0 ksi

**Gross Section Properties of Full Section, Strong Axis**
- Cross sectional area (A): 0.383 in²  
- Member weight per foot of length: 1.30 lb/ft  
- Moment of inertia (Ix): 1.862 in⁴  
- Section modulus (Sx): 0.604 in³  
- Radius of gyration (Rx): 2.205 in  
- Gross moment of inertia (Iy): 0.044 in⁴  
- Gross radius of gyration (Ry): 0.337 in

**Effective Section Properties, Strong Axis**
- Effective Area (Ae): 0.181 in²  
- Moment of inertia for deflection (Ix): 1.768 in⁴  
- Section modulus (Sx): 0.461 in³  
- Allowable bending moment (Ma): 9.11 in-k  
- Allowable shear force in web: 1377 lb

**Torsional Properties**
- St. Venant torsion constant (J x 1000): 0.260 in⁴  
- Warping constant (Cw): 0.307 in⁶  
- Distance from shear center to neutral axis (Xo): -0.513 in  
- Distance between shear center and web centerline (m): 0.335 in  
- Radii of gyration (Ro): 2.289 in  
- Torsional flexural constant (Beta): 0.950

**ASTM & Code Standards:**
- AISI North American Specification [NASPEC] S100-12  
- * Effective properties incorporate the strength increase from the cold work of forming  
- Gross properties are based on the cross section away from the punchouts  
- Structural framing is produced to meet or exceed ASTM C955  
- Sheet steel meets or exceeds mechanical and chemical requirements of ASTM A1003  
- ClarkDietrich's structural and nonstructural framing comply with the SFIA Code Compliance Certification Program, IGC-ES ESR-1166P and Intertek CCRR-0206  
- For installation & storage information refer to ASTM C1007  
- SDS & Product Certification Information is available at [itools.clarkdietrich.com](http://itools.clarkdietrich.com)

**Sustainability Credits:**
For more details and LEED letters contact Technical Services at 888-437-3244 or visit [www.clarkdietrich.com/LEED](http://www.clarkdietrich.com/LEED)  
**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).  
**LEED 2009 Credit MR 2 & MR 4** -- ClarkDietrich's steel products are 100% recyclable and have a national average recycled content of 34.2% (19.8% post-consumer and 14.4% pre-consumer). If seeking a higher number to meet Credit MR 5, please contact us at ([info@clarkdietrich.com](mailto:info@clarkdietrich.com) / 888-437-3244)

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**Project Information**
Name:  
Address:  

**Contractor Information**
Name:  
Contact:  
Phone:  
Fax:  

**Architect Information**
Name:  
Contact:  
Phone:  
Fax:  

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