### Product Submittal Sheet

**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, F_y:** 33 ksi  
  *F_y with Cold-Work, F_ya:** 33.0 ksi  
- **Ultimate, F_u:** 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 (I_x):** 1.862 in⁴  
- **Section modulus (S_x):** 0.604 in³  
- **Radius of gyration (R_x):** 2.205 in  
- **Gross moment of inertia (I_y):** 0.044 in⁴  
- **Gross radius of gyration (R_y):** 0.337 in

#### Effective Section Properties, Strong Axis
- **Effective Area (A_e):** 0.181 in²  
- **Moment of inertia for deflection (I_x):** 1.768 in⁴  
- **Section modulus (S_x):** 0.461 in³  
- **Allowable bending moment (M_a):** 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 (C_w):** 0.307 in⁶  
- **Distance from shear center to neutral axis (X_o):** -0.513 in  
- **Distance between shear center and web centerline (m):** 0.335 in  
- **Radii of gyration (R_o):** 2.289 in  
- **Torsional flexural constant (Beta):** 0.950

#### ASTM & Code Standards:
- AISI North American Specification [NASPEC] S100-16  
- 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 / 888-437-3244)

### Project Information

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