**Product Submittal Sheet**

**Product category:** T125 (1-1/4" Leg Structural Track)

**Product name:** 362T125-43 (33ksi, CP60) - Unpunched

43mils (18ga)

Coating: CP60 per ASTM C955

Color coding: Yellow

**Geometric Properties**

- **Web depth:** 3.786 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):** 0.276 in²
- **Member weight per foot of length:** 0.94 lb/ft
- **Moment of inertia (Ix):** 0.571 in⁴
- **Section modulus (Sx):** 0.302 in³
- **Radius of gyration (Rx):** 1.439 in
- **Gross moment of inertia (Iy):** 0.039 in⁴
- **Gross radius of gyration (Ry):** 0.375 in

**Effective Section Properties, Strong Axis**

- **Effective Area (Ae):** 0.174 in²
- **Moment of inertia for deflection (Ix):** 0.531 in⁴
- **Section modulus (Sx):** 0.245 in³
- **Allowable bending moment (Ma):** 4.84 in-k
- **Allowable shear force in web:** 1739 lb

**Torsional Properties**

- **St. Venant torsion constant (J x 1000):** 0.187 in⁴
- **Warping constant (Cw):** 0.098 in⁶
- **Distance from shear center to neutral axis (Xo):** -0.654 in
- **Distance between shear center and web centerline (m):** 0.407 in
- **Radii of gyration (Ro):** 1.625 in
- **Torsional flexural constant (Beta):** 0.838

**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:**

- 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) or (888-437-3244).

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**Project Information**

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**Contractor Information**

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**Architect Information**

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