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] S100-12  
- * 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

Sustainability Credits:

For more details and LEED letters contact Technical Services at 888-437-3244 or visit 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)