**Product category:** T125 (1-1/4" Leg Structural Track)  
**Product name:** 362T125-54 (50ksi, CP60) - Unpunched  
54mils (16ga)  
Coating: CP60 per ASTM C955  
Color coding: Green

**Geometric Properties**  
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web depth</td>
<td>3.823 in</td>
</tr>
<tr>
<td>Leg width</td>
<td>1.25 in</td>
</tr>
<tr>
<td>Design thickness</td>
<td>0.0566 in</td>
</tr>
<tr>
<td>Min. steel thickness</td>
<td>0.0538 in</td>
</tr>
<tr>
<td>Yield strength, Fy</td>
<td>50 ksi</td>
</tr>
<tr>
<td>*Fy with Cold-Work, Fya</td>
<td>50.0 ksi</td>
</tr>
<tr>
<td>Ultimate, Fu</td>
<td>65.0 ksi</td>
</tr>
</tbody>
</table>

**Gross Section Properties of Full Section, Strong Axis**  
Cross sectional area (A) 0.346 in²  
Member weight per foot of length 1.18 lb/ft  
Moment of inertia (Ix) 0.723 in⁴  
Section modulus (Sx) 0.378 in³  
Radius of gyration (Rx) 1.445 in  
Gross moment of inertia (Iy) 0.048 in⁴  
Gross radius of gyration (Ry) 0.373 in

**Effective Section Properties, Strong Axis**  
Effective Area (Ae) 0.225 in²  
Moment of inertia for deflection (Ix) 0.678 in⁴  
Section modulus (Sx) 0.312 in³  
Allowable bending moment (Ma) 9.34 in-k  
Allowable shear force in web 3372 lb

**Torsional Properties**  
St. Venant torsion constant (J x 1000) 0.369 in⁴  
Warping constant (Cw) 0.123 in⁶  
Distance from shear center to neutral axis (Xo) -0.648 in  
Distance between shear center and web centerline (m) 0.404 in  
Radii of gyration (Ro) 1.627 in  
Torsional flexural constant (Beta) 0.841

**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)