**Product Submittal Sheet**

**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
- Web depth: 3.823 in
- Leg width: 1.25 in
- Design thickness: 0.0566 in  
Min. steel thickness: 0.0538 in
- Yield strength, $F_y$: 50 ksi  
$F_y$ with Cold-Work, $F_{ya}$: 50.0 ksi
- Ultimate, $F_u$: 65.0 ksi

### Gross Section Properties of Full Section, Strong Axis
- Gross sectional area ($A$): 0.346 in$^2$
- Member weight per foot of length: 1.18 lb/ft
- Moment of Inertia ($I_x$): 0.723 in$^4$
- Section Modulus ($S_x$): 0.378 in$^3$
- Radius of gyration ($R_x$): 1.445 in
- Gross moment of Inertia ($I_y$): 0.048 in$^4$
- Gross radius of gyration ($R_y$): 0.373 in

### Effective Section Properties, Strong Axis
- Effective Area ($A_e$): 0.225 in$^2$
- Moment of Inertia for deflection ($I_{x}$): 0.678 in$^4$
- Section Modulus ($S_x$): 0.312 in$^3$
- Allowable bending moment ($M_{u}$): 9.34 in-k
- Allowable shear force in web: 3372 lb

### Torsional Properties
- St. Venant torsion constant ($J x 1000$): 0.369 in$^4$
- Warping constant ($C_w$): 0.123 in$^6$
- Distance from shear center to neutral axis ($X_o$): -0.648 in
- Distance between shear center and web centerline ($m$): 0.404 in
- Radii of gyration ($R_o$): 1.627 in
- Torsional flexural constant ($Beta$): 0.841

### 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, ICC-ES ESR-1166P and Intertek CCRR-0206
- For installation & storage information refer to ASTM C1007
- SDS & Product Certification Information is available at [tools.clarkdietrich.com](http://tools.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)

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**Project Information**

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**Contractor Information**

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