

Product Submittal Sheet

Technical Services: 888-437-3244 Engineering Services: 877-832-3206 Sales: 800-543-7140 clarkdietrich.com

Product catego	r y: T15	T150 (1-1/2" Leg Structural Track)		05.40.00 (Cold-Formed Metal Framing)
Product name:		0T150-68 (50ksi, CP60) - Un hils (14ga) Coating Color coding	g: CP60 per ASTM C955	
Geometric Prop	erties	·		
U	10.250 in 1.5 in 0.0713 in 50 ksi 65.0 ksi	Min. steel thickness *Fy with Cold-Work, Fya	0.0677 in 50.0 ksi	Structural Track
Gross Section P	roperties	of Full Section, Strong	Axis	
Cross sectional area (A) Member weight per foot of length Moment of inertia (Ix) Section modulus (Sx) Radius of gyration (Rx)			0.926 in ² 3.15 lb/ft 11.450 in ⁴ 2.234 in ³ 3.517 in	
Gross moment of inertia (Iy) Gross radius of gyration (Ry)			0.124 in⁴ 0.366 in	Used in framing applications:
Effective Sectio Effective Area (Ae)	n Proper	• Load-bearing walls • Curtain walls		
Moment of inertia for deflection (Ix) Section modulus (Sx)			0.376 in² 10.776 in⁴ 1.621 in³	• Tall interior walls • Floor & ceiling joists

48.53 in-k

3261 lb

- Floor & ceiling joists
- Trusses

Allowable shear force in web **Torsional Properties**

Allowable bending moment (Ma)

St. Venant torsion constant (J x 1000)	1.569 in⁴
Warping constant (Cw)	2.522 in ⁶
Distance from shear center to neutral axis (Xo)	-0.505 in
Distance between shear center and web centerline (m)	0.339 in
Radii of gyration (Ro)	3.572 in
Torsional flexural constant (Beta)	0.980

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, ICC-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)

Project Information	Contractor Information	Architect Information
Name:	Name:	Name:
Address:	Contact:	Contact:
	Phone:	Phone:
	Fax:	Fax: