Product Submittal Sheet

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

05.40.00 (Cold-Formed Metal Framing)

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
Ultimate, Fu 45.0 ksi

Used in framing applications:
• Load-bearing walls
• Curtain walls
• Tall interior walls
• Floor & ceiling joists
• Trusses

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

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)

Project Information
Name:
Address:

Contractor Information
Name:
Contact:
Phone:
Fax:

Architect Information
Name:
Contact:
Phone:
Fax: