# PRODUCT SUBMITTAL SHEET

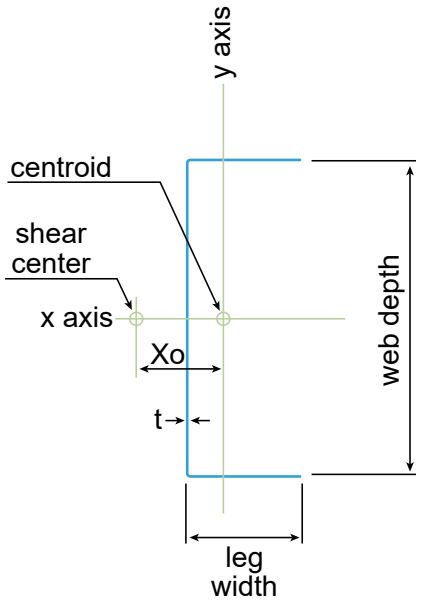
For more information or questions, please contact:
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## 600T200-33 Track

Product Description: 6” Track STR 20GA (2” Leg, 33mil)

Coating: G60 (standard), G90 (Available )

Specification Section: 09.22.16 (Non-Structural Metal Framing)




| GEOMETRIC PROPERTIES | | | |
|---|---|---|---|
| Web Depth | 6 in. | Yield Strength, Fy | 33 ksi |
| Leg Width | 2 in. | Design Thickness | 0.0346 in. |
| | | Min. Steel Thickness | 0.0329 in. |

| GROSS PROPERTIES | | |
|---|---|---|
| Area ($in^2$) | Total cross-sectional steel area | 0.346 |
| Weight (lb/ft) | Linear weight per foot | 1.18 |
| Ix ($in^4$) | Moment of inertia about the x-axis | 1.913 |
| Sx ($in^3$) | Section modulus about the x-axis | 0.623 |
| Rx (in) | Radius of gyration about the x-axis | 2.352 |
| Iy ($in^4$) | Moment of inertia about the y-axis | 0.126 |
| Ry (in) | Radius of gyration about the y-axis | 0.604 |
| | | |
| EFFECTIVE PROPERTIES | | |
| Ix ($in^3$) | Effective moment of inertia (x-axis) | 1.542 |
| Sx ($in^3$) | Effective section modulus (x-axis) | 0.334 |
| Ma (in-k) | Allowable bending moment-effective section modulus | 6.59 |
| $Va_g$ (lb) | Allowable shear force in web | 622 |
| | | |
| TORSIONAL PROPERTIES | | |
| J x 1000 ($in^4$) | St. Venant torsional constant | 0.1380 |
| Cw ($in^6$) | Warping constant | 0.847 |
| Xo (in) | Distance from shear center to centroid | -1.048 |
| m (in) | Distance from shear center to mid-plane of web | 0.655 |
| Ro (in) | Polar radius of gyration | 2.645 |
| Beta | Torsional Flexural Constant | 0.843 |

**Codes & Standards:**

- **Nonstructural Members**
  - AISI S220
  - ASTM C645
  - ASTM C754
- **Material Standards**
  - ASTM A1003/A1003M
  - ASTM A653/A653M
- **Design Standards**
  - AISI S100-16 (2020) w/S2-20
- **Building Codes**
  - International Building Code (IBC) 2006–2024

- **Sustainability & Compliance:**
  - SFIA Quality Certified Manufacturing
  - Industry-Wide EPD Participant
  - HPD Documentation Available Upon Request
  - LEED Documentation Available Upon Request
  - Buy America / Build America (BABA) Documentation Available Upon Request
  - Manufactured in USA

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