# PRODUCT SUBMITTAL SHEET

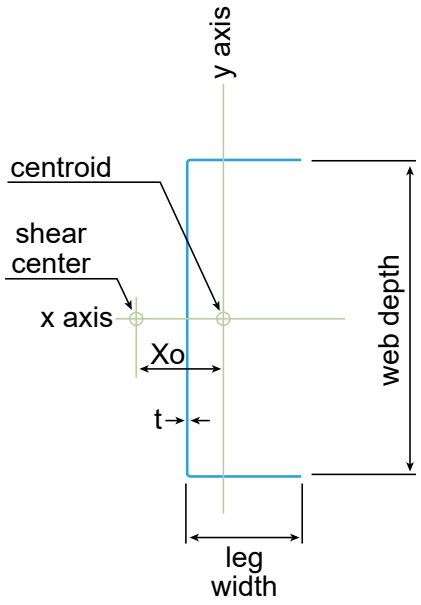
For more information or questions, please contact:
Super Stud: technical@buysuperstud.com
EB Metal US: technical@ebmetal.us

## 400T200-30 Track

Product Description: 4” Track DW 20GA (2” Leg, 30mil)

Coating: G40 (standard), G60 (Available)

Specification Section: 09.22.16 (Non-Structural Metal Framing)




| GEOMETRIC PROPERTIES | | | |
|---|---|---|---|
| Web Depth | 4 in. | Yield Strength, Fy | 33 ksi |
| Leg Width | 2 in. | Design Thickness | 0.0312 in. |
| | | Min. Steel Thickness | 0.0296 in. |

| GROSS PROPERTIES | | |
|---|---|---|
| Area ($in^2$) | Total cross-sectional steel area | 0.2496 |
| Weight (lb/ft) | Linear weight per foot | 0.8486 |
| Ix ($in^4$) | Moment of inertia about the x-axis | 0.6932 |
| Sx ($in^3$) | Section modulus about the x-axis | 0.3347 |
| Rx (in) | Radius of gyration about the x-axis | 1.6665 |
| Iy ($in^4$) | Moment of inertia about the y-axis | 0.1020 |
| Ry (in) | Radius of gyration about the y-axis | 0.6394 |
| | | |
| EFFECTIVE PROPERTIES | | |
| Ix ($in^3$) | Effective moment of inertia (x-axis) | 0.4659 |
| Sx ($in^3$) | Effective section modulus (x-axis) | 0.1840 |
| Ma (in-k) | Allowable bending moment-effective section modulus | 3.0360 |
| $Va_g$ (lb) | Allowable shear force in web | 689 |
| | | |
| TORSIONAL PROPERTIES | | |
| J x 1000 ($in^4$) | St. Venant torsional constant | 0.0810 |
| Cw ($in^6$) | Warping constant | 0.2973 |
| Xo (in) | Distance from shear center to centroid | 1.2402 |
| m (in) | Distance from shear center to mid-plane of web | - |
| Ro (in) | Polar radius of gyration | 2.1735 |
| Beta | Torsional Flexural Constant | 0.6744 |

**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

NEW HAMPSHIRE | NEW JERSEY | MISSISSIPPI
Stronger **Together.**