

www.millsteelframing.com | 2905 Lucerne Dr. SE Grand Rapids, MI 49546 | (812) 670-4195

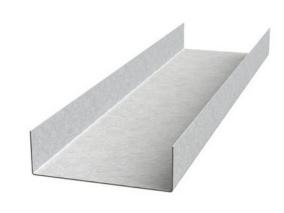
Structural Track 362t300-68G90

| Product Description | 14 GA GALV 3.62" WEB X 3.00" FLANGE TRACK .068 MIN GAUGE G90 |
|------------------------|--|
| Coating | G90 |
| Physical Properties | |
| Design Thickness (in) | 0.0713 |
| Minimum Thickness (in) | 0.0677 |
| Web Width (in) | 3.625 |
| Flange Width (in) | 3 |
| Yield Strength (ksi) | 50 |

| Gross Section Properties | |
|-------------------------------|---|
| Cross Sectional Area (A) | — |
| Weight of Member (lb/ft) | — |
| Section Modulus (Sx) | — |
| Moment of Inertia (lx) | — |
| Radius of Gyration (Rx) | — |
| Gross Moment of Inertia (ly) | — |
| Gross Radium of Gyration (Ry) | — |

| Effective Section Properties | |
|--|---|
| Moment of Inertia for deflection (lxe) | — |
| Section Modulus (Sxe) | — |
| Allowable Bending moment (Ma) | — |
| Allowable shear force in web (U)(Vag) | — |

| Torsional Properties | |
|---|---|
| St. Venant torsion constant (J x 1000) | — |
| Warping constant (Cw) | — |
| Distance from shear center to neutral axis (Xo) | _ |
| Radii of gyration (Ro) | — |
| Torsional flexural constant (Beta) | — |



ASTM & Code Standards

- AISI \$100-12 & ICC ES ESR-4062
- Framing meets ASTM A1003, A653 & C955

Notes

- Calculated properties are based on AISI S100-16, North American Specification for Design of Cold-Formed Steel Structural Members.
- 2. The centerline bend radius is based on inside corner radii shown in thickness chart.
- 3. Effective properties incorporate the strength increase from the cold work of forming as applicable per AISI A3.3.2.
- 4. Tabulated gross properties are based on full-unreduced cross section of the studs, away from punchouts.
- 5. For deflection calculations, use the effective moment of inertia.
- 6. Allowable moment includes cold-work of forming.
- 7. Web depth for track sections is equal to the nominal height plus 2 times the design thickness plus the bend radius. Hems on non-structural rack sections are ignored.

Mill Steel Framing LEED Green Credits

| MR Credit 2 | ConstructionWaste Management – Mill Steel Framing steel framing is 100% recyclable |
|---------------|--|
| MR Credit 4 | • Recycled Content – Mill Steel Framing products contain no less than 25.5% post-consumer |
| | and 6.8% pre-consumer recycled content |
| MR Credit 5 | • Regional Materials – Mill Steel Framing has manufacturing facilities in Indiana, Alabama & Texas |
| V4 MR Credits | Building Product Disclosure and Optimization EPD (1 point) |
| | • Materials Ingredients (1 point) – Construction and Demolition Waste Management (1 point) |

