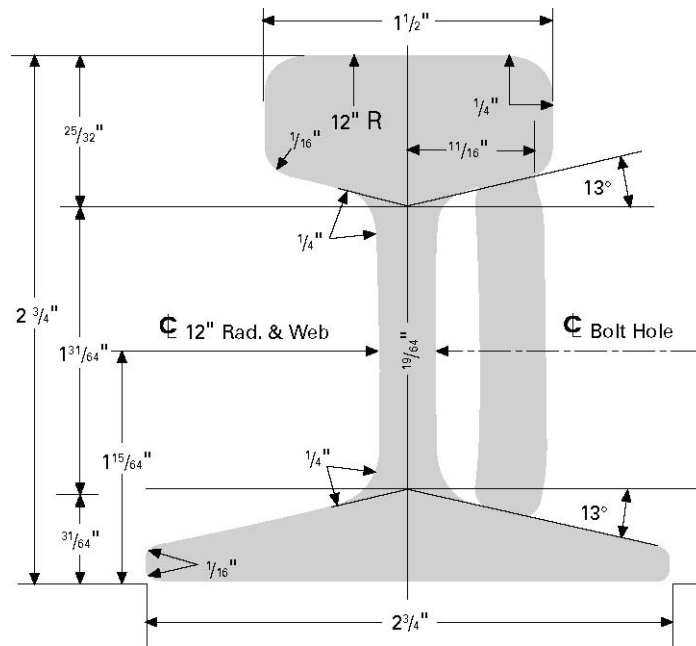




Not to Scale



| Specifications | | Hold-Down Devices | | | |
|-------------------------------------|---------------|--------------------------------------|---------------|---|-----|
| Nominal Weight | 25 lbs/yd | Standard | Single Double | | |
| Standard Lengths | 40'0" - 30'0" | Hook Bolt | 1/2" - | | |
| Standard Drilling | 2" x 4" | Clip Number | 114 - | | |
| Joint Bar Length | 16 1/8" | Clamp & Filler | F1 F2 | | |
| Joint Bar Weight | 5.7 lbs/pr | Welded Stud | S1 - | | |
| With Hardware | 6.6 lbs/pr | Heavy Duty | Single Double | | |
| Bolt Diameter | 1/2" | Welded Holder | - - | | |
| | | Welded U-Bar | - - | | |
| | | Rubber Nose | Single Double | | |
| | | Welded Clip | - - | | |
| | | Bolted Clip | 31-71 - | | |
| Physical Properties - Manufacturers | | Chemical Properties - Industry Range | | Brinell Hardness Number - Manufacturers Range | |
| Sectional Area | 2.40 | Carbon | .40 to .60 | Standard Carbon | 176 |
| Inches ² | | Manganese | .50 to .90 | Minimum | |
| Moment of Inertia | 2.50 | Phosphorus | .045 max. | Standard Carbon | 187 |
| Inches ⁴ | | Sulfur | .05 max. | Maximum | |
| Neutral Axis, Y | 1.33 | Silicon | .40 max. | High Strength | N/A |
| Inches | | | | Minimum | |
| Section Modulus Head | 1.76 | | | High Strength | N/A |
| Inches ³ | | | | Maximum | |
| Section Modulus Base | 1.88 | | | | |
| Inches ³ | | | | | |