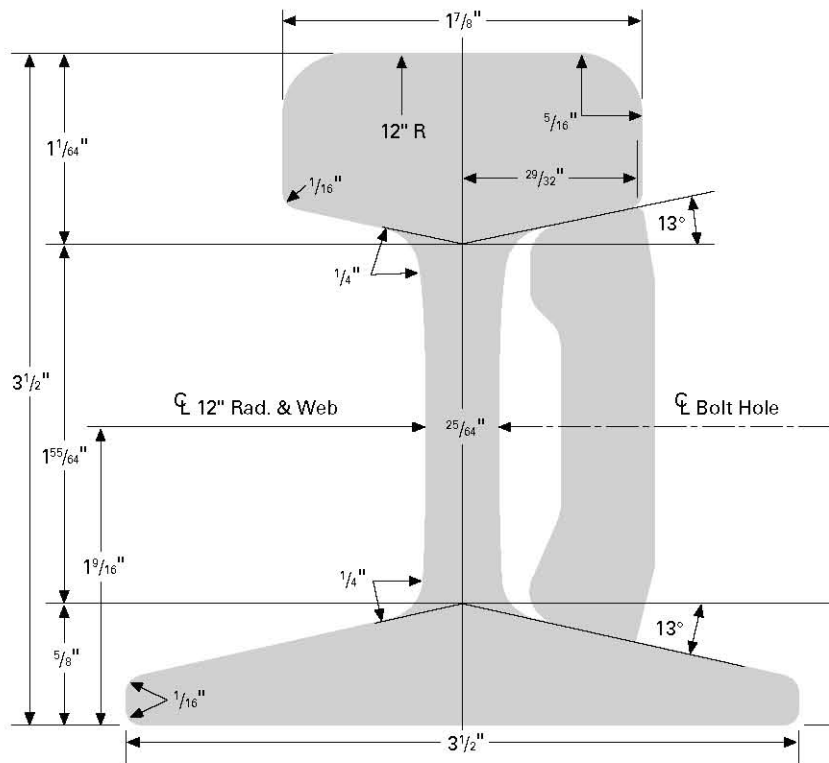




Not to Scale



Specifications		Hold-Down Devices			
Nominal Weight	40 lbs/yd	Standard	Single Double		
Standard Lengths	40'0" - 30'0"	Hook Bolt	3/4" -		
Standard Drilling	2 1/2" x 5"	Clip Numbers	103-114-120 -		
Joint Bar Length	20"	Clamp & Filler	F1 F2		
Joint Bar Weight	15.2 lbs/pr	Welded Stud	S1 S2		
With Hardware	18.2 lbs/pr	Heavy Duty	Single Double		
Bolt Diameter	3/4"	Welded Holder	- -		
		Welded U-Bar	- -		
		Rubber Nose	Single Double		
		Welded Clip	91 -		
		Bolted Clip	31-71 -		
Physical Properties – Manufacturers		Chemical Properties – Industry Range		Brinell Hardness Number – Manufacturers Range	
Sectional Area		Carbon	.40 to .65	Standard Carbon	
Inches <sup>2</sup>	3.94	Manganese	.60 to 1.00	Minimum	180
Moment of Inertia		Phosphorus	.045 max.	Standard Carbon	
Inches <sup>4</sup>	6.54	Sulfur	.05 max.	Maximum	250
Neutral Axis, Y		Silicon	.40 max.	High Strength	
Inches	1.68			Minimum	N/A
Section Modulus Head				High Strength	
Inches <sup>3</sup>	3.59			Maximum	N/A
Section Modulus Base					
Inches <sup>3</sup>	3.89				