



Specifications		Hold-Down Devices			
Nominal Weight	60 lbs/yd	Standard	Single Double		
Standard Lengths	40'0" · 30'0"	Hook Bolt	3/4" -		
Standard Drilling	2 1/2" x 5"	Clip Numbers	103-106 -		
Joint Bar Lengths	20" · 24"	Clamp & Filler	F1 F2		
Joint Bar Weights	27.2lbs · 32.5 lbs/pr	Welded Stud	S1 S2		
With Hardware	30.1 lbs · 35.4 lbs/pr	Heavy Duty	Single Double		
Bolt Diameter	3/4"	Welded Holder	- -		
		Welded U-Bar	U1 U2		
		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	.50 to .70	Standard Carbon	
Inches <sup>2</sup>	5.93	Manganese	.60 to 1.00	Minimum	201
Moment of Inertia		Phosphorus	.045 max.	Standard Carbon	
Inches <sup>4</sup>	14.60	Sulfur	.05 max.	Maximum	260
Neutral Axis, Y		Silicon	.07 to .50	High Strength	
Inches	2.05			Minimum	277
Section Modulus Head				High Strength	
Inches <sup>3</sup>	6.60			Maximum	341
Section Modulus Base					
Inches <sup>3</sup>	7.10				