

TROJAN STEEL

62 Factory Hill Road, Hoosick Falls N.Y. 12090 Ph. 518-686-7426 Fax 518-686-1725



Plate Weights	
Thickness Inches	Pounds Per Sq. Foot
1/8"	5.1
3/16"	7.66
1/4"	10.21
5/16"	12.76
3/8"	15.32
7/16"	17.87
1/2"	20.42
9/16"	22.97
5/8"	25.53
3/4"	30.63
7/8"	35.74
1"	40.84

Channel Dimensions			
Depth Inches	Wt./Ft. Pounds	Web Thickness Inches	Flange Width Inches
C3 x	4.1 5.0	11/64" 1/4"	1-13/32" 1-1/2"
C4 x	5.4 6.2	3/16" 1/4"	1-19/32" 1-5/8"
C5 x	6.7 9.0	3/16" 5/16"	1-3/4" 1-7/8"
C6 x	8.2 10.5	13/64" 5/16"	1-15/16" 2"
C7 x	9.8 12.25	13/64" 5/16"	2-3/32" 2-5/16"
C8 x	11.5 13.75	7/32" 5/16"	2-1/4" 2-3/8"
C9 x	13.4 15.0	15/64" 9/32"	2-7/16" 2-1/2"
C10 x	15.3 20.0	1/4" 3/8"	2-5/8" 2-3/4"
C12 x	20.7 25.00	9/32" 25/64"	2-15/16" 3"

Pipe Chart		Schedule Wall Thickness	
Nominal I. D.	Outside Diameter	40	80
Pipe Size 2"	2-3/8"	5/32"	7/32"
Pounds per Foot		2.64	5.03
Pipe Size 2.5"	2-7/8"	13/64"	17/64"
Pounds per Foot		3.53	7.67
Pipe Size 3"	3-1/2"	7/32"	19/64"
Pounds per Foot		4.34	10.26
Pipe Size 3.5"	4"	7/32"	5/16"
Pounds per Foot		4.98	12.52
Pipe Size 4"	4-1/2"	15/64"	11/32"
Pounds per Foot		5.62	15.00
Pipe Size 5"	5-9/16"	1/4"	3/8"
Pounds per Foot		7.78	20.80
Pipe Size 6"	6-5/8"	9/16"	7/16"
Pounds per Foot		9.30	28.60
Pipe Size 8"	8-5/8"	21/64"	1/2"
Pounds per Foot		13.41	43.43

Angle Iron Dimensions		
Size	Thickness	Weight per foot
1x1x	1/8	.80
	3/16	1.16
	1/4	1.49
1-1/2x1-1/2x	1/8	1.23
	3/16	1.8
	1/4	2.34
2x2	1/8	1.65
	3/16	2.44
	1/4	3.19
	3/8	4.7
2-1/2x2-1/2x	3/16	3.07
	1/4	4.1
	5/16	5.0
	3/8	5.9
3x3x	3/16	3.71
	1/4	4.9
	5/16	6.1
	3/8	7.2
3-1/2x3-1/2x	1/4	5.8
	5/16	6.6
	3/8	8.5
4x3-1/2x	1/4	6.2
	5/16	7.2
	3/8	9.1
4x4x	1/4	6.6
	5/16	8.2
	3/8	9.8
5x3-1/2x	1/4	7.0
	5/16	8.7
	3/8	10.4
5x5x	3/8	12.3
	1/2	16.2
6x3-1/2x	5/16	9.8
	3/8	11.7
6x4x	3/8	12.3
	1/2	16.2
6x6x	3/8	14.9
	1/2	19.6

Red Numbers are wall thickness
Blue Numbers are weight/t

- PLATE
- ANGLE
- CHANNEL
- ROUND BAR
- FLAT BAR
- PIPE
- REBAR
- WIRE MESH
- DECKING
- BEAMS
- COLUMNS

Adjustable Column Capacity Chart*			
Column Height	3" OD 11ga.	4" OD 11ga.	3" Sch. 40
6'-0" - 6'-4"	15,840 lbs.	23,640 lbs.	40,400 lbs.
6'-3" - 6'-7"	15,560 lbs.	23,400 lbs.	40,400 lbs.
6'-6" - 6'-10"	15,200 lbs.	23,160 lbs.	40,400 lbs.
6'-9" - 7'-1"	14,990 lbs.	22,910 lbs.	40,400 lbs.
7'-0" - 7'-4"	14,700 lbs.	22,650 lbs.	40,400 lbs.
7'-3" - 7'-7"	14,400 lbs.	22,390 lbs.	40,400 lbs.
7'-6" - 7'-10"	14,090 lbs.	22,130 lbs.	40,400 lbs.
7'-9" - 8'-1"	13,780 lbs.	21,860 lbs.	40,400 lbs.
8'-0" - 8'-4"	13,460 lbs.	21,590 lbs.	40,400 lbs.
8'-3" - 8'-7"	13,140 lbs.	21,320 lbs.	40,400 lbs.
8'-6" - 8'-10"	12,810 lbs.	21,040 lbs.	40,400 lbs.
8'-9" - 9'-1"	12,480 lbs.	20,750 lbs.	40,400 lbs.
9'-0" - 9'-4"	12,140 lbs.	20,466 lbs.	40,400 lbs.
9'-3" - 9'-7"	11,795 lbs.	20,174 lbs.	40,400 lbs.
9'-6" - 9'-10"	11,444 lbs.	19,897 lbs.	40,400 lbs.
9'-9" - 10'-1"	11,086 lbs.	19,579 lbs.	39,200 lbs.
10'-0" - 10'-4"	10,722 lbs.	19,280 lbs.	38,400 lbs.

*Capacities shown assume installation per manufacturers recommendations.