

## Square & Rectangular Mechanical Tubing ASTM 500 Grade B

SQUARE				RECTANGULAR			
OD Square	BWG		Weight Per Ft.	OD Square	BWG		Weight Per Ft.
1/2" x 1/2"	x 16		.3845	1" x 1/2"	x 16		.6055
3/4" x 3/4"	x 16		.6055	1 1/4" x 1/2"	x 16		.7160
3/4" x 3/4"	x 14		.7529	1 1/2" x 1/2"	x 16		.8265
3/4" x 3/4"	x 11		1.028	1 1/2" x 3/4"	x 16		.9370
1" x 1"	x 18		.6337	1 1/2" x 3/4"	x 14		1.176
1" x 1"	x 16		.8265	1 1/2" x 1"	x 16		1.048
1" x 1"	x 15		.909	1 1/2" x 1"	x 14		1.317
1" x 1"	x 14		1.035	1 1/2" x 1"	x 11		1.844
1" x 1"	x 11		1.436	2" x 1"	x 16		1.269
1 1/4" x 1 1/4"	x 18		.8003	2" x 1"	x 14		1.600
1 1/4" x 1 1/4"	x 16		1.048	2" x 1"	x 11		2.252
1 1/4" x 1 1/4"	x 14		1.317	2" x 1 1/2"	x 14		1.882
1 1/4" x 1 1/4"	x 11		1.844	2" x 1 1/2"	x 11		2.660
1 1/2" x 1 1/2"	x 18		.9669	2 1/2" x 1"	x 14		1.822
1 1/2" x 1 1/2"	x 16		1.269	2 1/2" x 1 1/2"	x 14		2.164
1 1/2" x 1 1/2"	x 14		1.600	2 1/2" x 1 1/2"	x 11		3.068
1 1/2" x 1 1/2"	x 11		2.252	3" x 1"	x 14		2.164
1 1/2" x 1 1/2"	x 7		3.230	3" x 1"	x 11		3.07
1 3/4" x 1 3/4"	x 16		1.490	3" x 1 1/2"	x 14		2.37
1 3/4" x 1 3/4"	x 14		1.882	3" x 1 1/2"	x 11		3.476
1 3/4" x 1 3/4"	x 11		2.660	3" x 2"	x 14		2.67
2" x 2"	x 16		1.711	3" x 2"	x 11		3.90
2" x 2"	x 14		2.164	4" x 2"	x 14		3.23
2" x 2"	x 11		3.05	4" x 2"	x 11		4.75
2 1/2" x 2 1/2"	x 14		2.728	4" x 3"	x 11		5.68
2 1/2" x 2 1/2"	x 11		3.90	5" x 2"	x 11		5.68
3" x 3"	x 16		2.595	5" x 3"	x 11		6.46
3" x 3"	x 14		3.293				
3" x 3"	x 11		4.75				
3 1/2" x 3 1/2"	x 11		5.61				
4" x 4"	x 11		6.46				
4" x 4"	x 14		4.422				



# *"YOUR COMPLETE SERVICE CENTER"*

## **Structural Steel Square Tubing ASTM 500 GRADE B**

<b>Nominal Size In.</b>	<b>Wall Thickness In.</b>		<b>Weight Per Foot Lb.</b>
1½ x 1½	.1875	⅜	3.35
	.2500	¼	3.70
2 x 2	.1875	⅜	4.32
	.2500	¼	5.41
2½ x 2½	.1875	⅜	5.59
	.2500	¼	7.11
3 x 3	.1875	⅜	6.87
	.2500	¼	8.81
	.3125	⅝	11.08
	.3750	¾	12.16
3½ x 3½	.1875	⅜	8.15
	.2500	¼	10.51
	.3125	⅝	13.19
4 x 4	.1875	⅜	9.42
	.2500	¼	12.21
	.3125	⅝	14.83
	.3750	¾	17.27
	.5000	½	21.63
4½ x 4½	.1875	⅜	10.70
	.2500	¼	13.91
5 x 5	.1875	⅜	11.97
	.2500	¼	15.62
	.3125	⅝	19.08
	.3750	¾	22.37
	.5000	½	28.43
6 x 6	.1875	⅜	14.53
	.2500	¼	19.02
	.3125	⅝	23.34
	.3750	¾	27.48
	.5000	½	35.24

## Structural Steel Square Tubing ASTM 500 Grade B

Nominal Size In.	Wall Thickness In.		Weight Per Foot Lb.
7 x 7	.1875	$\frac{3}{16}$	17.08
	.2500	$\frac{1}{4}$	22.42
	.3125	$\frac{5}{16}$	27.59
	.3750	$\frac{3}{8}$	32.58
	.5000	$\frac{1}{2}$	42.05
8 x 8	.1875	$\frac{3}{16}$	19.63
	.2500	$\frac{1}{4}$	25.82
	.3125	$\frac{5}{16}$	31.84
	.3750	$\frac{3}{8}$	37.69
	.5000	$\frac{1}{2}$	48.85
10 x 10	.1875	$\frac{3}{16}$	24.73
	.2500	$\frac{1}{4}$	32.63
	.3125	$\frac{5}{16}$	40.35
	.3750	$\frac{3}{8}$	47.90
	.5000	$\frac{1}{2}$	62.46
12 x 12	.6250	$\frac{5}{8}$	76.33
	.2500	$\frac{1}{4}$	39.44
	.3125	$\frac{5}{16}$	48.86
	.3750	$\frac{3}{8}$	58.10
	.5000	$\frac{1}{2}$	76.07
14 x 14	.6250	$\frac{5}{8}$	93.36
	.3125	$\frac{5}{16}$	57.36
	.3750	$\frac{3}{8}$	68.31
16 x 16	.5000	$\frac{1}{2}$	89.68
	.3125	$\frac{5}{16}$	65.61
	.3750	$\frac{3}{8}$	78.53
	.5000	$\frac{1}{2}$	104.03





## Structural Steel Rectangular Tubing ASTM 500 Grade B

Nominal Size In.	Wall Thickness in.	Weight Per Foot Lb.	Nominal Size In.	Wall Thickness in.	Weight Per Foot Lb.
10 x 2	.1875	3/16	12 x 3	.1875	3/16
	.2500	1/4		.2500	1/4
	.3125	5/16		.3125	5/16
	.3750	3/8			
10 x 3	.1875	3/16	12 x 4	.1875	3/16
	.2500	1/4		.2500	1/4
10 x 4	.1875	3/16		.3125	5/16
	.2500	1/4		.3750	3/8
	.3125	5/16	.5000	1/2	
	.3750	3/8			
10 x 6	.1875	3/16	12 x 6	.1875	3/16
	.2500	1/4		.2500	1/4
	.3125	5/16		.3125	5/16
	.3750	3/8		.3750	3/8
10 x 8	.1875	3/16	12 x 8	.2500	1/4
	.2500	1/4		.3125	5/16
	.3125	5/16		.3750	3/8
	.3750	3/8		.5000	1/2
12 x 2	.1875	3/16	14 x 4	.2500	1/4
	.2500	1/4		.3125	5/16
				.3750	3/8
				.5000	1/2
			14 x 6	.2500	1/4
				.3125	5/16
				.3750	3/8
				.5000	1/2



## Standard Pipe Welded Black Plain End

All Weights and Dimensions are Nominal

Size Inches	Diameters, inches		Thickness Inches	Weight Per Foot, Pounds		Thds. per Inch
	External	Internal		Plain Ends	Thds. and Couplings	
	OD	ID	T			
1/8	.405	.269	.068	.244	.245	27
1/4	.540	.364	.088	.424	.425	18
3/8	.675	.493	.091	.567	.568	18
1/2	.840	.622	.109	.850	.852	14
3/4	1.050	.824	.113	1.130	1.134	14
1	1.315	1.049	.133	1.678	1.684	11 1/2
1 1/4	1.660	1.380	.140	2.272	2.281	11 1/2
1 1/2	1.900	1.610	.145	2.717	2.731	11 1/2
2	2.375	2.067	.154	3.652	3.678	11 1/2
2 1/2	2.875	2.469	.203	5.793	5.819	8
3	3.500	3.068	.216	7.575	7.616	8
3 1/2	4.000	3.548	.226	9.109	9.202	8
4	4.500	4.026	.237	10.790	10.889	8
4 1/2	5.000	4.506	.247	12.538	12.642	8
5	5.563	5.047	.258	14.617	14.810	8
6	6.625	6.065	.280	18.974	19.185	8
7	7.625	7.023	.301	23.544	23.769	8
8	8.625	8.071	.277	24.696	25.000	8
8	8.625	7.981	.322	28.554	28.809	8
9	9.625	8.941	.342	33.907	34.188	8
10	10.750	10.192	.279	31.201	32.000	8
10	10.750	10.136	.307	34.240	35.000	8
10	10.750	10.020	.365	40.483	41.132	8
11	11.750	11.000	.375	45.557	34.247	8
12	12.750	12.090	.330	43.773	45.000	8
12	12.750	12.000	.375	49.562	50.706	8



**"YOUR COMPLETE SERVICE CENTER"**

**Light Wall Pipe  
Black-Plain Ends**

Size	Diameters—Inches		Wall Thickness, Inches	Weight Per Foot, Lbs.
	Outside	Inside		
1	1.315	1.107	.104	1.344
1¼	1.660	1.440	.110	1.816
1½	1.900	1.672	.114	2.176
2	2.375	2.133	.121	2.920
3	3.5	3.124	.188	6.63
3½	4.0	3.624	.188	7.63
4	4.5	4.188	.156	7.25
4	4.5	4.124	.188	8.64
4	4.5	4.062	.219	10.00

**Double Extra Strong Pipe  
Welded Black Plain End**

All Weights and dimensions are Nominal

Size Inches	Diameters—Inches		Thickness Inches	Weight per Foot, Plain Ends, Pounds
	External	Internal		
2	2.375	1.503	.436	9.029*
2½	2.875	1.771	.552	13.695
3	3.500	2.300	.600	18.583
3½	4.000	2.728	.636	22.850
4	4.500	3.152	.674	27.541
4½	5.000	3.580	.710	32.530
5	5.563	4.063	.750	38.552
6	6.625	4.897	.864	53.160
7	7.625	5.875	.875	63.079
8	8.625	6.875	.875	72.424



**"YOUR COMPLETE SERVICE CENTER"**

**Rectangular Tubing  
Structural Steel  
ASTM 500 Grade B**

<b>Nominal Size In.</b>	<b>Wall Thickness In.</b>	<b>Weight Per Foot Lb.</b>	<b>Nominal Size In.</b>	<b>Wall Thickness In.</b>	<b>Weight Per Foot Lb.</b>
14 x 10	.3125 $\frac{5}{16}$	48.86	18 x 6	.3125 $\frac{5}{16}$	48.46
	.3750 $\frac{3}{8}$	58.10		.3750 $\frac{3}{8}$	58.10
	.5000 $\frac{1}{2}$	76.07		.5000 $\frac{1}{2}$	76.07
16 x 4	.3125 $\frac{5}{16}$	40.35	20 x 4	.3125 $\frac{5}{16}$	48.86
	.3750 $\frac{3}{8}$	47.90		.3750 $\frac{3}{8}$	58.10
	.5000 $\frac{1}{2}$	62.46		.5000 $\frac{1}{2}$	76.07
16 x 8	.2500 $\frac{1}{4}$	39.44	20 x 8	.3125 $\frac{5}{16}$	57.36
	.3125 $\frac{5}{16}$	48.86		.3750 $\frac{3}{8}$	68.31
	.3750 $\frac{3}{8}$	58.10		.5000 $\frac{1}{2}$	89.68
	.5000 $\frac{1}{2}$	76.07	20 x 12	.3125 $\frac{5}{16}$	65.61
16 x 12	.3125 $\frac{5}{16}$	57.36		.3750 $\frac{3}{8}$	78.53
	.3750 $\frac{3}{8}$	68.31	.5000 $\frac{1}{2}$	104.03	
	.5000 $\frac{1}{2}$	89.68			

## **CUSTOM FABRICATION**

Flitch Plates  
Lally Columns  
Concrete Pan Treads  
Diamond Stair Treads  
Angle Lintels  
Base Plates

Angle Brackets  
**SHEARING & BENDING**  
**FLAME CUTTING**  
**BAND SAWING**  
**DRILLING & PUNCHING**



