



Your One Stop Hardware Supplier

SPECIALISTS IN STEEL PRODUCTS

35 Tuas Avenue 2, Singapore 639464

+ 65 6582 5645

+ 65 6582 2135

www.hsxpress.com.sg



ISO 9001:2015 CERT NO.: 744886



ISO 45001:2018 CERT NO.: 782606



Contents

<u>About Us</u>	2
<u>Our Vision</u>	2
<u>Our Mission</u>	2
<u>Our Core Values</u>	2
<u>Welded Pipe</u>	3
<u>API Seamless Pipes / API ERW Pipes</u>	5
<u>Angle Bar</u>	7
<u>Flat Bar</u>	9
<u>Round Bar</u>	11
<u>Square Bar</u>	13
<u>Channel Bar</u>	14
<u>Lipped Channels</u>	15
<u>Universal Beams</u>	17
<u>Deformed Bar</u>	19
<u>Rectangular Hollow Section</u>	20
<u>Square Hollow Section</u>	22
<u>Steel Plates</u>	24
<u>Ship Plate</u>	26
<u>Chequered Plate</u>	28

Our Profile



About Us

Established in 2009, HS Xpress Pte Ltd started as a one stop hardware and industrial supply hub. With the rapid transformation and continued strategic planning, we have envisioned ourselves to be the forerunners in the stocking and supply of pipes, fittings and structural steels in the building, marine, offshore and shipbuilding industries.

Strategically located in the western part of Singapore, HS Xpress has been actively servicing the marine and shipbuilding industries throughout the region. With its structured logistics setup and a vast array of inventory, we are able to remain committed to client demands and requirements.

Our company strongly believe in forging strong and lasting relationship to our clients and business partners. It is always our endeavour that we coordinate and deal with reputed manufacturers and factories that meets the satisfaction in terms of quality as well as price competitiveness.

Our Vision

Believing in providing the best experience from beginning to end.

Our Mission

To provide reliable, efficient and cost effective solution to our valued customers in meeting their needs for steel or steel related products and services

Our Core Values

- Product Sourcing Abilities
- Prompt Response
- Competitive Prices
- Fast Quality Delivery

Steel Pipes

Steel pipes and tubes are used in a wide variety of industries such as marine, mechanical, oil and gas and many more other industries. They are made using two different processes that lead to either welded or seamless pipes. In both processes, the raw steel is first formed into a more elastic initial form before being stretched out into a seamless tube or pressed together and joined with a weld to make a pipe. All pipes are measured by nominal inside diameter and wall thickness based on a schedule number. The thicker the wall, the higher the schedule number.

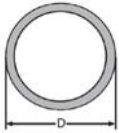
WELDED PIPE

Welded pipe is a round pipe that has been electrically welded with a raised weld seam inside the pipe. It is a structural grade tube appropriate for a broad range of applications where dimensional accuracy and precision tolerances are not of highest concern. The difference between seamless pipes and welded pipes are mainly the different in molding process where welded pipes are generally formed from the flat plate by welding after the bending. There are 4 classes of welded pipes, which consist of 'AA', 'A', 'B' and 'C'

Size Range:
15mm to 150mm



Steel Pipes - Welded Pipes



Thickness	Nominal Size		Outside Diameter				Wall Thickness		Calculated Weight		
			Maximum		Minimum				Plain Ends		
Class	mm	in	mm	in	mm	in	mm	in	kg/m	kg/ft	lb/ft
A1	15	½	21.4	0.840	21.0	0.830	2.0	0.079	0.910	0.277	0.611
	20	¾	26.9	1.060	26.4	1.040	2.0	0.079	1.270	0.387	0.853
	25	1	33.8	1.330	33.2	1.310	2.3	0.091	1.810	0.552	1.216
	32	1¼	42.5	1.670	41.9	1.650	2.3	0.091	2.400	0.732	1.613
	40	1½	48.4	1.900	47.8	1.880	2.3	0.091	2.860	0.872	1.922
	50	2	60.2	2.300	59.6	2.350	2.6	0.102	3.670	1.120	2.466
	65	2½	76.0	2.990	75.2	2.960	2.9	0.114	5.200	1.580	3.494
	80	3	88.7	3.490	87.9	3.460	2.9	0.114	6.210	1.890	4.173
	100	4	113.9	4.480	113.0	4.450	3.2	0.126	8.770	2.670	5.893
	125	5	140.6	5.530	138.7	5.460	3.6	0.142	12.333	3.760	8.287
B	150	6	166.1	6.540	164.1	6.460	3.6	0.142	14.666	4.470	9.855
	15	½	21.7	0.856	21.1	0.831	2.6	0.102	1.210	0.369	0.814
	20	¾	27.2	1.072	26.6	1.047	2.6	0.102	1.560	0.475	1.050
	25	1	34.2	1.346	33.4	1.316	3.2	0.126	2.410	0.735	1.620
	32	1¼	42.9	1.687	42.1	1.657	3.2	0.126	3.100	0.945	2.080
	40	1½	48.8	1.919	48.0	1.889	3.2	0.126	3.570	1.090	2.400
	50	2	60.8	2.394	59.8	2.354	3.6	0.142	5.030	1.530	3.370
	65	2½	76.6	3.014	75.4	2.969	3.6	0.142	6.430	1.960	4.320
	80	3	89.5	3.524	88.1	3.469	4.0	0.157	8.370	2.550	5.620
	100	4	114.9	4.524	113.3	4.459	4.5	0.177	12.200	3.720	8.200
	125	5	140.6	5.534	138.7	5.459	5.0	0.197	16.600	5.060	11.200
	150	6	166.1	6.539	164.1	6.459	5.0	0.197	19.700	6.000	13.200
	200	8	221.2	8.709	216.8	8.535	5.8	0.228	30.510	9.300	20.502
C	250	10	275.7	10.854	270.3	10.642	6.0	0.236	39.520	12.050	26.556
	300	12	326.2	12.843	319.8	12.591	6.0	0.236	47.040	14.340	31.609
	15	½	21.7	0.856	21.1	0.831	3.2	0.126	1.440	0.439	0.968
	20	¾	27.2	1.072	26.6	1.047	3.2	0.126	1.870	0.570	1.257
	25	1	34.2	1.346	33.4	1.316	4.0	0.157	2.940	0.896	1.980
	32	1¼	42.9	1.687	42.1	1.657	4.0	0.157	3.800	1.160	2.560
	40	1½	48.8	1.919	48.0	1.889	4.0	0.157	4.380	1.340	2.950
	50	2	60.8	2.394	59.8	2.354	4.5	0.177	6.190	1.890	4.170
	65	2½	76.6	3.014	75.4	2.969	4.5	0.177	7.930	2.420	5.340
	80	3	89.5	3.524	88.1	3.469	5.0	0.197	10.300	3.140	6.920
	100	4	114.9	4.524	113.3	4.459	5.4	0.213	14.500	4.420	9.740
125	5	140.6	5.534	138.7	5.459	5.4	0.213	17.900	5.460	12.000	
150	6	166.1	6.539	164.1	6.459	5.4	0.213	21.300	6.490	14.300	

Steel Pipes

Steel pipes and tubes are used in a wide variety of industries such as marine, mechanical, oil and gas and many more other industries. They are made using two different processes that lead to either welded or seamless pipes. In both processes, the raw steel is first formed into a more elastic initial form before being stretched out into a seamless tube or pressed together and joined with a weld to make a pipe. All pipes are measured by nominal inside diameter and wall thickness based on a schedule number. The thicker the wall, the higher the schedule number.

API SEAMLESS PIPES / API ERW PIPES

Electric resistance welding, or ERW, is a welding technique that produces pipes with a more precise surface by just heating the edges. Pipes up to 0.4m in diameter might be manufactured more affordably in this way. The difference between seamless pipes and welded pipes are mainly the different molding process where seamless pipes are generally the molten steel through the annular slit of the backlog by stretching out before treatment processes. They are utilized for a variety of engineering reasons, including sewage, gas pipelines, LPG and other non-toxic gases, etc., as well as agricultural and irrigation.

Size Range:
OD 10.3mm to 1219.0mm



ANSI Pipe Schedule

Wall Thickness = mm
Weight = kg / m

Nominal pipe size mm/inches	OD mm	Base on B36.10												Base on B36.19				Shipping		
		10	20	30	STD	40	60	XS	80	100	120	140	160	XXS	Figures based on austenitic steel					
															5S	10S	40S	80S	Vol/ mm ³	
6 / 1/8	10.30				1.73 0.37	1.73 0.37		2.41 0.47	2.41 0.47							1.24 0.28	1.73 0.36	2.41 0.48	0.0001	
8 / 1/4	13.70				2.24 0.63	2.24 0.63		3.02 0.80	3.02 0.80							1.65 0.51	2.24 0.64	3.02 0.82	0.0002	
10 / 3/8	17.10				2.31 0.84	2.31 0.84		3.20 1.10	3.20 1.10							1.65 0.64	2.31 0.86	3.20 1.12	0.0003	
15 / 1/2	21.30				2.77 1.27	2.77 1.27		3.73 1.62	3.73 1.62				4.78 1.95	7.47 2.55	1.65 0.82	2.11 1.01	2.77 1.30	3.73 1.65	0.0004	
20 / 3/4	26.70				2.87 1.69	2.87 1.69		3.91 2.20	3.91 2.20				5.56 2.90	7.82 3.64	1.65 1.04	2.11 1.31	2.87 1.71	3.91 2.24	0.0007	
25 / 1	33.40				3.38 2.50	3.38 2.50		4.55 3.24	4.55 3.24				6.35 4.24	9.09 5.45	1.65 1.33	2.77 2.13	3.38 2.55	4.55 3.29	0.0011	
32 / 1 1/4	42.20				3.56 3.39	3.56 3.39		4.85 4.47	4.85 4.47				6.35 5.61	9.70 7.77	1.65 1.68	2.77 2.76	3.56 3.46	4.85 4.56	0.0018	
40 / 1 1/2	48.30				3.68 4.05	3.68 4.05		5.08 5.41	5.08 5.41				7.14 7.25	10.15 9.56	1.65 1.95	2.77 3.17	3.68 4.13	5.08 5.51	0.0023	
50 / 2	60.30				3.91 5.44	3.91 5.44		5.54 7.48	5.54 7.48				8.74 11.11	11.07 13.44	1.65 2.44	2.77 4.01	3.91 5.54	5.54 7.63	0.0036	
65 / 2 1/2	73.00				5.16 8.63	5.16 8.63		7.01 11.41	7.01 11.41				9.53 14.92	14.02 20.39	2.11 3.77	3.05 5.36	5.16 8.81	7.01 11.64	0.0053	
80 / 3	88.90				5.49 11.29	5.49 11.29		7.62 15.27	7.62 15.27				11.13 21.35	15.24 27.68	2.11 4.60	3.05 6.59	5.49 11.52	7.62 15.59	0.0079	
90 / 3 1/2	101.60				5.74 13.57	5.74 13.57		8.08 18.63	8.08 18.63						2.11 5.29	3.05 7.55	5.74 13.84	8.08 19.01	0.0103	
100 / 4	114.30				6.02 16.07	6.02 16.07		8.56 22.32	8.56 22.32		11.13 28.32		13.49 33.54	17.12 41.03	2.11 5.96	3.05 8.52	6.02 16.40	8.56 22.77	0.0130	
125 / 5	141.30				6.55 21.77	6.55 21.77		9.53 30.97	9.53 30.97		12.70 40.28		15.88 49.11	19.05 57.43	2.77 9.67	3.40 11.82	6.55 22.20	9.53 31.59	0.0199	
150 / 6	168.30				7.11 28.26	7.11 28.26		10.97 42.56	10.97 42.56		14.27 54.20		18.26 67.56	21.95 79.22	2.77 11.55	3.40 14.13	7.11 28.83	10.97 43.42	0.028	
200 / 8	219.10		6.35 33.31	7.04 36.81	8.18 42.55	8.18 42.55	10.31 53.08	12.70 64.64	12.70 64.64	15.09 75.92	18.26 90.44	20.62 100.92	23.01 111.27	22.23 107.92	2.77 15.09	3.76 20.37	8.18 43.39	12.70 65.95	0.048	
250 / 10	273.10		6.35 41.77	7.80 51.03	9.27 60.31	9.27 60.31	12.70 81.55	12.70 81.55	15.09 96.01	18.26 114.75	21.44 133.06	25.40 155.15	28.58 172.33	25.40 155.15	3.40 23.08	4.19 28.34	9.27 61.52	12.70 83.19	0.074	
300 / 12	323.90		6.35 49.73	8.38 65.20	9.53 73.88	10.31 79.73	14.27 108.96	12.70 97.46	17.48 132.08	21.44 159.91	25.40 186.97	28.58 208.14	33.32 238.76	25.40 186.97	3.96 31.89	4.57 36.73	9.52 75.32	12.70 99.43	0.104	
350 / 14	355.60	6.35 54.69	7.92 67.90	9.53 81.33	9.53 81.33	11.13 94.55	15.09 126.71	12.70 107.39	19.05 158.10	23.83 194.96	27.79 224.65	31.75 253.56	35.71 281.70		3.96 35.06	4.78 42.14			0.126	
400 / 16	406.40	6.35 62.64	7.92 77.83	9.53 93.27	9.53 93.27	12.70 123.30	16.66 160.12	12.70 123.30	21.44 203.53	26.19 245.56	30.96 286.64	36.53 333.19	40.49 365.35		4.19 42.41	4.78 48.26			0.165	
450 / 18	457.00	6.35 70.57	7.92 87.71	11.13 122.38	9.53 105.16	14.27 155.80	19.05 205.74	12.70 139.15	23.88 254.55	29.36 309.62	34.93 363.56	39.67 408.26	45.24 459.37		4.19 47.77	4.78 54.36			0.208	
500 / 20	508.00	6.35 78.55	9.53 117.15	12.70 155.12	9.53 117.15	15.09 183.42	20.62 247.83	12.70 155.12	26.19 311.17	32.54 381.53	38.10 441.49	44.45 508.11	50.01 564.81		4.78 60.46	5.54 70.00			0.258	
550 / 22	559.00	6.35 86.54	9.53 129.13	12.70 171.09	9.53 129.13		22.23 294.25	12.70 171.09	28.58 373.83	34.93 451.42	41.28 527.02	47.63 600.63	53.98 672.26		4.78 66.57	5.54 77.06			0.312	
600 / 24	610.00	6.35 94.53	9.53 141.12	14.27 209.64	9.53 141.12	17.48 255.41	24.61 355.26	12.70 187.06	30.96 442.08	38.89 547.71	46.02 640.03	52.37 720.15	59.54 808.22		5.54 84.16	6.35 96.37			0.372	
650 / 26	660.00	7.92 127.36	12.70 202.72		9.53 152.87			12.70 202.72												0.435
700 / 28	711.00	7.92 137.32	12.70 218.69	15.88 271.21	9.53 164.85			12.70 218.69												0.505
750 / 30	762.00	7.92 147.28	12.70 234.67	15.88 292.18	9.53 176.84			12.70 234.67							6.35 120.72	7.92 150.36				0.580
800 / 32	813.00	7.92 157.24	12.70 250.64	15.88 312.15	9.53 188.82	17.48 342.91		12.70 250.64												0.660
850 / 34	864.00	7.92 167.20	12.70 266.61	15.88 332.12	9.53 200.31	17.48 364.90		12.70 266.61												0.746
900 / 36	914.00	7.92 176.96	12.70 282.27	15.88 351.70	9.53 212.56	19.05 420.42		12.70 282.27												0.835
950 / 38	965.00				9.53 224.54			12.70 298.24												0.931
1000 / 40	1016.00				9.53 236.53			12.70 314.22												1.032
1050 / 42	1067.00				9.53 248.52			12.70 330.19												1.138
1100 / 44	1118.00				9.53 260.50			12.70 346.16												1.249
1150 / 46	1168.00				9.53 272.25			12.70 351.82												1.364
1200 / 48	1219.00				9.53 284.24			12.70 377.79												1.485

Steel Bars

Steel bars are used in many different industries especially in construction industry, including those that deal with shipbuilding, machine processing, military equipment, architectural purpose etc. Steel bars come in various types, sizes and shapes such as flat, round, square, angle and channel bar.

ANGLE BAR

An angle bar also known as "L-bracket" or "angle iron" is a metal bracket with a right angle shape that frequently used to support beams and other platforms. An angle bar has L-cross shaped section with two legs that is equal or unequal and the angle would be 90 degree. There are basically 2 types of angle bars: Equal Angle Bars and Unequal Angle Bars

Size Range:

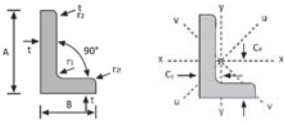
**65mm x 40mm to 200mm x 150mm
(Unequal Angle)**

**20mm x 20mm to 250mm x 250mm
(Equal Angle)**



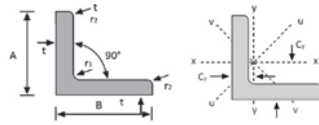
Steel Bars - Angle Bars

Unequal Angle Bar



Size (A x B) mm	Thickness mm	Unit Weight kg/m	
65 x 40	4	3.200	
	5	3.930	
	6	4.720	
75 x 50	6	5.760	
	8	7.350	
	10	9.030	
100 x 65	7	8.770	
	8	9.940	
	9	11.020	
	10	12.300	
100 x 75	12	14.410	
	6	8.040	
	7	9.340	
	8	10.600	
	9	11.800	
100 x 75	10	13.000	
	12	15.400	
	13	16.530	
	125 x 75	7	10.700
		8	12.200
		9	13.600
10		15.000	
12		17.800	
125 x 75	13	19.100	
	150 x 75	7	12.100
		9	15.400
		10	17.000
		12	20.200
150 x 75	15	24.800	
	150 x 90	9	16.400
		10	18.200
12		21.600	
15		26.600	
150 x 100	9	17.100	
	10	18.840	
	12	22.420	
200 x 100	10	23.260	
	12	27.620	
	15	34.040	
200 x 150	12	32.000	
	15	39.600	
	18	47.100	

Equal Angle Bar



Size (A x B) mm	Thickness mm	Unit Weight kg/m	
20 x 20	2.5	0.750	
	3	0.889	
	2.5	0.946	
25 x 25	3	1.124	
	4	1.500	
	5	1.875	
25 x 25	6	2.250	
	30 x 30	2.5	1.125
		3	1.373
4		1.786	
5		2.250	
30 x 30	6	2.740	
	38 x 38	2.5	1.460
		3	1.740
4		2.280	
5		2.850	
6		3.500	
40 x 40	2.5	1.560	
	3	1.852	
	4	2.422	
	5	2.976	
40 x 40	6	3.600	
	45 x 45	3	2.088
		4	2.740
5		3.380	
6		4.050	
45 x 45	8	5.400	
	50 x 50	3	2.332
		4	3.060
5		3.770	
5.5		4.125	
6		4.465	
50 x 50	8	6.000	
	9	6.750	
	60 x 60	4	3.680
		5	4.576
6		5.427	
7		6.300	
60 x 60	9	8.200	
	63 x 63	5	4.822
		6	5.721
8		7.620	
65 x 65	5	5.000	
	5.5	5.430	
	6	5.910	
	8	7.660	
	9	8.775	
65 x 65	10	9.750	
	70 x 70	5	5.397
		6	6.406
		7	7.398
8		8.373	
10		10.500	

Size (A x B) mm	Thickness mm	Unit Weight kg/m	
75 x 75	5	5.818	
	6	6.905	
	7	7.976	
	8	9.030	
	9	10.060	
	10	11.089	
75 x 75	12	13.000	
	80 x 80	6	7.376
		7	8.525
8		9.660	
80 x 80	9	10.800	
	90 x 90	6	8.350
		7	9.656
8		10.946	
9		12.200	
10		13.476	
12		15.940	
90 x 90	13	17.000	
	100 x 100	6	9.356
		7	10.830
8		12.276	
9		13.700	
10		15.120	
12		17.898	
100 x 100	13	19.500	
	15	22.500	
	120 x 120	8	14.880
10		18.370	
12		21.666	
15		27.000	
125 x 125	8	15.504	
	9	17.200	
	10	19.200	
	12	22.700	
130 x 130	8	15.900	
	9	17.900	
	10	19.800	
	12	23.600	
	15	28.800	
	16	30.900	
150 x 150	8	18.000	
	10	23.000	
	12	27.300	
	15	33.800	
	18	40.500	
	19	42.750	
175 x 175	12	31.800	
	15	39.400	
200 x 200	12	36.200	
	15	45.300	
	16	48.680	
	18	54.401	
	20	60.056	
	25	73.600	
	250 x 250	25	93.770
28		105.000	
32		120.000	
35		128.000	



Steel Bars

Steel bars are used in many different industries especially in construction industry, including those that deal with shipbuilding, machine processing, military equipment, architectural purpose etc. Steel bars come in various types, sizes and shapes such as flat, round, square, angle and channel bar.

FLAT BAR

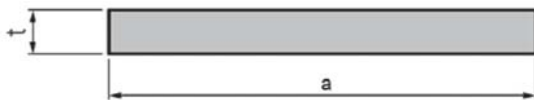
Flat bar are long, flat and rectangular shaped section with square edges. It comes in various sizes and is widely used for all general fabrications, frameworks and structural use.

Size Range:

3mm x 19mm to 25mm x 300mm



Steel Bars - Mild Steel Flat Bar



Standard Sectional Dimension		Unit Weight
t (mm)	a (mm)	kg/m
3	19	0.447
	25	0.589
	30	0.710
	32	0.754
	38	0.895
	44	1.040
	50	1.180
	65	1.531
	75	1.766
	100	2.355
4.5	19	0.671
	25	0.883
	30	1.060
	32	1.130
	38	1.342
	44	1.554
	50	1.770
	65	2.300
	75	2.649
	100	3.550
5	25	0.981
	32	1.256
	38	1.492
	50	1.963
6	19	0.895
	25	1.180
	30	1.413
	32	1.510
	38	1.790
	44	2.072
	50	2.360
	65	3.062
	75	3.533
	90	4.240
	100	4.710
	125	5.890
	150	7.065
200	9.420	
250	11.780	
300	14.130	

Standard Sectional Dimension		Unit Weight
t (mm)	a (mm)	kg/m
8	25	1.570
	30	1.884
	32	2.010
	38	2.390
	44	2.763
	50	3.140
	65	4.082
	75	4.710
	90	5.652
	100	6.280
	125	7.850
	150	9.420
	200	12.560
9	19	1.342
	25	1.770
	30	2.120
	32	2.261
	38	2.685
	44	3.110
	50	3.533
	65	4.592
	75	5.300
	90	6.360
	100	7.065
	125	8.831
	150	10.600
200	14.130	
250	17.700	
300	21.200	
10	50	3.930
	65	5.103
	75	5.888
	125	9.813
	150	11.775
12	25	2.360
	30	2.826
	32	3.014
	38	3.580
	44	4.145
	50	4.710
	65	6.123
	75	7.065
	90	8.480
	100	9.420
	125	11.800
	150	14.130
	200	18.840
	250	23.600
	300	28.300

Standard Sectional Dimension		Unit Weight
t (mm)	a (mm)	kg/m
16	25	3.140
	32	4.020
	38	4.773
	44	5.530
	50	6.280
	65	8.164
	75	9.420
	90	11.304
	100	12.600
	125	15.700
	150	18.840
200	25.120	
250	31.400	
300	37.700	
19	32	4.773
	38	5.670
	44	6.563
	50	7.460
	65	6.695
	75	11.200
	90	13.424
	100	14.915
	125	18.644
	150	22.400
200	29.830	
250	37.300	
300	44.900	
25	50	9.813
	65	12.800
	75	14.719
	90	17.700
	100	19.625
	125	24.531
	150	29.438
	200	39.250
250	49.100	
300	58.900	



Steel Bars

Steel bars are used in many different industries especially in construction industry, including those that deal with shipbuilding, machine processing, military equipment, architectural purpose etc. Steel bars come in various types, sizes and shapes such as flat, round, square, angle and channel bar.

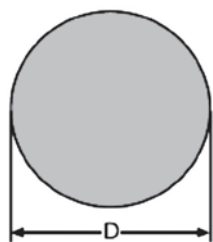
ROUND BAR

Round bar are long and cylindrical metal bars that is ideal for all industrial and commercial applications. It is widely used for general fabrications, manufacturings and structural use.

Size Range:
6mm to 300mm



Steel Bars - Mild Steel Round Bar



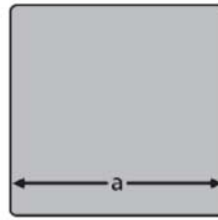
Diameter (mm)	Unit Weight (kg/m)
6	0.222
8	0.395
9	0.500
10	0.617
12	0.888
13	1.043
15	1.390
16	1.580
18	2.000
19	2.230
20	2.470
22	2.986
25	3.856
28	4.837
30	5.560
32	6.318
35	7.550
36	7.996
38	8.909
40	9.872
42	10.900
44	11.945
45	12.500
46	13.056
48	14.216
50	15.425
55	18.700
60	22.212
65	26.068
70	30.233
75	34.706

Diameter (mm)	Unit Weight (kg/m)
80	39.500
85	44.578
90	49.977
95	55.684
100	61.700
105	68.024
110	74.657
115	81.500
120	88.848
125	96.406
130	104.273
135	112.448
140	121.000
145	130.000
150	139.000
160	158.000
170	178.313
180	200.000
190	223.000
200	247.000
210	272.100
220	298.628
230	326.393
240	355.392
250	385.625
260	417.092
270	449.793
280	483.728
290	518.897
300	555.300



Steel Bars

Steel bars are used in many different industries especially in construction industry, including those that deal with shipbuilding, machine processing, military equipment, architectural purpose etc. Steel bars come in various types, sizes and shapes such as flat, round, square, angle and channel bar.



SQUARE BAR

Square bars have four equilateral side with multipurpose steel section. It is widely used for general fabrications, manufacturings and for structural use.

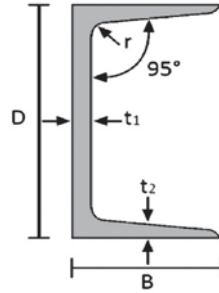
Size Range:
8mm x 8mm to
160mm x 160mm



Diameter (mm)	Section Area cm ²	Unit Weight kg/m
8	0.64	0.502
9	0.81	0.640
10	1.00	0.790
12	1.44	1.130
16	2.56	2.010
18	3.24	2.540
19	3.61	2.830
20	4.00	3.140
22	4.84	3.800
25	6.25	4.910
28	7.84	6.150
30	9.00	7.070
32	10.24	8.040
35	12.25	9.620
36	12.96	10.200
38	14.44	11.340
44	19.36	15.200
50	25.00	19.630
55	30.25	23.750
60	36.00	28.260
65	42.25	33.200
70	49.00	38.500
75	56.25	44.200
80	64.00	50.240
85	72.25	56.720
90	81.00	63.600
95	90.25	70.850
100	100.00	78.500
110	121.00	95.000
120	144.00	113.040
130	169.00	133.000
140	196.00	154.000
150	225.00	177.000
160	256.00	201.000

Steel Bars

Steel bars are used in many different industries especially in construction industry, including those that deal with shipbuilding, machine processing, military equipment, architectural purpose etc. Steel bars come in various types, sizes and shapes such as flat, round, square, angle and channel bar.



CHANNEL BAR

Channel bar (Tapered flanged) is long rolled from steel sheet into bar forming hard U or C shape with inside radius corners that is ideal for all structural applications where greater strength is added rigidity over steel angle when load is vertical or horizontal.

Size Range:
50mm x 25mm to
380mm x 100mm



Size D x B (mm)	Thickness		Unit Weight kg/m
	Web (t1) (mm)	Flange (t2) (mm)	
50 x 25	3.5	5.0	2.560
	4.0	5.6	2.920
	4.5	6.0	5.850
	5.0	7.0	6.920
75 x 40	3.8	5.2	5.300
	4.0	6.0	5.600
	4.5	6.0	5.850
	5.0	7.0	6.920
	6.0	8.0	10.600
100 x 50	3.8	5.8	7.300
	4.2	6.5	8.030
	4.5	6.8	8.970
	5.0	7.5	9.360
	6.0	8.0	10.600
125 x 65	5.2	6.8	11.660
	5.3	7.2	12.170
	5.5	7.5	12.910
	6.0	8.0	13.400
150 x 75	5.5	7.3	14.660
	5.7	8.2	16.710
	6.0	8.8	18.010
	6.5	10.0	18.600
	9.0	12.5	24.000
180 x 75	7.0	10.5	21.400
180 x 90	7.5	12.5	27.100
200 x 75	8.5	11.5	30.300
200 x 80	7.5	11.0	24.600
200 x 90	8.0	13.5	30.300
230 x 80	8.0	12.0	28.400
230 x 90	8.5	13.5	33.100
250 x 80	8.0	12.5	30.200
250 x 90	9.0	13.0	34.600
280 x 100	11.0	14.5	40.200
	9.0	13.0	38.800
300 x 90	11.5	16.0	48.200
	9.0	13.0	38.100
380 x 100	10.0	15.5	43.800
	10.5	16.0	54.500
	13.0	16.5	62.000

Steel Bars

Steel bars are used in many different industries especially in construction industry, including those that deal with shipbuilding, machine processing, military equipment, architectural purpose etc. Steel bars come in various types, sizes and shapes such as flat, round, square, angle and channel bar.

LIPPED CHANNELS

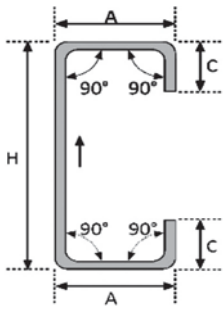
Lip channels also known as purlins are mostly used as a structural element. It is rolled from steel sheet to form a C or U shapes with inside radius corners.

Size Range:

60 x 30 x 10mm to 250 x 75 x 25mm



Steel Bars - Lipped Channels



Size	Thickness	Unit Weight
H x A x C (mm)	(mm)	kg/m
60 x 30 x 10	1.6	1.63
	2.3	2.25
75 x 45 x 15	1.6	2.32
	2.3	3.25
	3.0	4.13
100 x 50 x 20	2.3	4.06
	3.0	5.19
	3.2	5.50
	4.0	6.71
125 x 50 x 20	4.5	7.43
	2.3	4.51
	3.0	5.78
	3.2	6.13
150 x 65 x 20	4.0	7.50
	4.5	8.32
	2.3	5.50
	3.0	7.07
175 x 75 x 20	3.2	7.51
	4.0	9.22
	4.5	10.30
	2.3	6.32
	3.0	8.13
200 x 75 x 20	3.2	8.64
	4.0	10.60
	4.5	11.80
	2.3	6.77
	3.0	8.72

Size	Thickness	Unit Weight
H x A x C (mm)	(mm)	kg/m
200 x 75 x 25	2.3	6.95
	3.0	8.96
	3.2	9.52
	4.0	11.70
	4.5	13.10
225 x 75 x 20	2.3	7.22
	3.0	9.31
	3.2	9.90
	4.0	12.20
225 x 75 x 25	4.5	13.60
	2.3	7.40
	3.0	9.54
	3.2	10.10
250 x 75 x 20	4.0	12.50
	4.5	14.00
	2.3	7.67
	3.0	9.90
250 x 75 x 25	3.2	10.50
	4.0	13.00
	4.5	14.50
	2.3	7.85
	3.0	10.10
250 x 75 x 25	3.2	10.80
	4.0	13.30
	4.5	14.90

Steel Beams

Beams are the backbone of the construction industry, such as supporting floor or roof slabs, holding up and sustaining houses or buildings. Beams design and structure makes it unique ability to handle different load. Beams come in several measurements, both in imperial and metric forms.

UNIVERSAL BEAMS

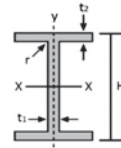
Universal Beams have a web in the shape of a "H" or "I" that is flanked on either side by two parallel flanges to provide strong structural support and to shear pressures that prevent the section from bending include shattering, tearing apart or collapsing the flange. It is also known as I or H Beams and measured in metric or imperial units.

Size Range:

100mm x 50mm to 900mm x 300mm



Steel Beams - Universal Beams (Metric Units)



Depth x Width	Mass Per Metre	Depth of Section	Width of Section	Thickness	
Size	Unit Weight	H	X	Flange (t2)	Web (t1)
mm	kg/m	mm	mm	mm	mm
100 x 50	9.300	100	50	7	5
100 x 100	14.800	100	100	7	5
	16.900	100	100	8	6
125 x 60	17.200	100	100	8	6
	13.200	125	60	8	6
125 x 125	23.600	125	125	9	6.5
	23.800	125	125	9	6.5
150 x 75	14.000	150	75	7	5
	20.700	148	100	9	6
150 x 100	21.100	148	100	9	6
	31.100	150	150	10	7
150 x 150	31.500	150	150	10	7
	37.400	154	151	12	8
175 x 90	18.000	175	90	8	5
	18.100	175	90	8	5
175 x 125	23.300	169	125	8	5.5
	32.800	171	174	9	6
175 x 175	40.200	175	175	11	7.5
	40.400	175	175	11	7.5
200 x 100	17.800	198	99	7	4.5
	18.200	198	99	7	4.5
200 x 150	20.900	200	100	8	5.5
	21.300	200	100	8	5.5
200 x 200	29.900	194	150	9	6
	30.600	194	150	9	6
200 x 250	36.900	198	151	11	7
	41.400	196	199	10	6.5
250 x 125	49.900	200	200	12	8
	57.800	204	201	14	9
250 x 175	65.700	208	202	16	10
	25.100	248	124	8	5
250 x 250	25.700	248	124	8	5
	29.000	250	125	9	6
250 x 175	29.600	250	125	9	6
	43.600	244	175	11	7
250 x 250	44.100	244	175	11	7
	51.600	248	176	13	8
300 x 150	59.100	252	177	15	9
	66.500	248	249	13	8
300 x 200	71.800	250	250	14	9
	72.400	250	250	14	9
300 x 300	98.100	260	253	19	12
	25.000	294	148	6	4.5
300 x 150	32.000	298	149	8	5.5
	36.700	300	150	9	6.5
300 x 200	41.400	304	150	11	6.5
	46.200	306	151	12	7.5
300 x 250	69.000	318	154	18	11
	48.300	290	199	10	7
300 x 300	55.800	294	200	12	8
	56.800	294	200	12	8
350 x 175	65.400	298	201	14	9
	77.300	304	202	17	10
350 x 250	87.000	298	299	14	9
	93.000	300	300	15	10
350 x 350	94.000	300	300	15	10
	106.000	304	301	17	11
350 x 175	125.000	310	303	20	13
	130.000	310	305	20	15
350 x 250	147.000	312	310	21	20
	41.200	346	174	9	6
350 x 175	41.400	346	174	9	6
	49.400	350	175	11	7
350 x 250	49.600	350	175	11	7
	57.800	354	176	13	8
350 x 350	66.200	358	177	15	9
	71.800	360	178	16	10
350 x 175	79.700	364	177	18	11
	69.200	336	249	12	8
350 x 250	78.100	340	250	14	9
	79.700	340	250	14	9
350 x 350	94.200	346	251	17	10
	108.000	350	253	19	12
350 x 175	113.000	344	348	16	10
	115.000	344	354	16	10
350 x 250	135.000	350	350	19	12
	137.000	350	350	19	12
350 x 350	159.000	356	352	22	14
	181.000	362	354	25	16

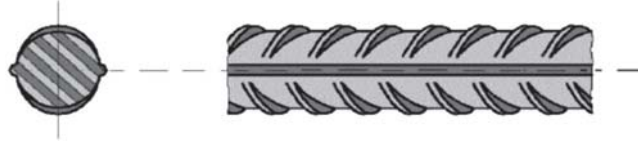
Depth x Width	Mass Per Metre	Depth of Section	Width of Section	Thickness	
Size	Unit Weight	H	X	Flange (t2)	Web (t1)
mm	kg/m	mm	mm	mm	mm
400 x 200	56.100	396	199	11	7
	56.600	396	199	11	7
	65.400	400	200	13	8
	66.000	400	200	13	8
	75.500	404	201	15	9
	88.200	410	202	18	10
400 x 300	140.000	430	208	28	16
	187.000	446	214	36	22
	94.300	386	299	14	9
	105.000	390	300	16	10
	107.000	390	300	16	10
	127.000	396	302	19	12
400 x 400	144.000	402	303	22	13
	140.000	388	402	15	15
	147.000	394	398	18	11
	172.000	400	400	21	13
	197.000	400	408	21	21
	200.000	406	403	24	16
450 x 200	232.000	414	405	28	18
	283.000	428	407	35	20
	415.000	458	417	50	30
	605.000	498	432	70	45
	65.100	446	199	12	8
	66.200	446	199	12	8
450 x 300	74.900	450	200	14	9
	76.000	450	200	14	9
	88.900	456	201	17	10
	98.900	460	202	19	11
	110.000	460	205	19	14
	106.000	434	299	15	10
500 x 200	121.000	440	300	18	11
	124.000	440	300	18	11
	145.000	446	302	21	13
	77.900	496	199	14	9
	79.500	496	199	14	9
	88.200	500	200	16	10
500 x 300	89.600	500	200	16	10
	102.000	506	201	19	11
	103.000	506	201	19	11
	117.000	512	202	22	12
	111.000	482	300	15	11
	114.000	482	300	15	11
600 x 200	125.000	488	300	18	11
	128.000	488	300	18	11
	150.000	494	302	21	13
	79.000	592	197	13	8
	92.500	596	199	15	10
	94.600	596	199	15	10
600 x 300	103.000	600	200	17	11
	106.000	600	200	17	11
	118.000	606	201	20	12
	120.000	606	201	20	12
	134.000	612	202	23	13
	133.000	582	300	17	12
700 x 300	137.000	582	300	17	12
	147.000	588	300	20	12
	151.000	588	300	20	12
	170.000	594	302	23	14
	175.000	594	302	23	14
	203.000	602	304	27	16
800 x 300	217.000	608	304	30	16
	166.000	692	300	20	13
	182.000	700	300	24	13
	185.000	700	300	24	13
	215.000	708	302	28	15
	191.000	792	300	22	14
900 x 300	207.000	800	300	26	14
	210.000	800	300	26	14
	241.000	808	302	30	16
	267.000	816	303	34	17
	210.000	890	299	23	15
	213.000	890	299	23	15
900 x 300	240.000	900	300	28	16
	243.000	900	300	28	16
	283.000	912	302	34	18
	286.000	912	302	34	18
	304.000	918	303	37	19
	307.000	918	303	37	19

Deformed Bar

DEFORMED BAR

A steel bar or mesh of steel wires used as tension devices in reinforced concrete and reinforced masonry constructions to strengthen and hold the concrete in tension is referred to as deformed bar, also known as rebar (short for reinforcing bar). The surface of deformed bars is frequently textured to provide a stronger bond with the concrete.

Size Range:
9mm to 50mm



Normal Size (mm)	Unit Weight kg/m
9	0.500
10	0.617
12	0.888
13	1.042
14	1.208
16	1.580
18	1.998
19	2.226
20	2.466
22	2.984
24	3.551
25	3.854
26	4.168
28	4.830
29	5.185
30	5.549
32	6.313
35	7.553
36	7.990
38	8.903
40	9.864
50	15.430

Hollow Sections

Steel hollow section also known as hollow structural section or structural steel tube is a type of steel that is formed into a hollow tubular section. Hollow structural sections are categorized into square hollow section (SHS), Rectangular Hollow Section (RHS) and Circular Hollow Section (CHS), each type of hollow section has unique attributes and used for specific purpose. Hollow section is available in both hot and cold formed finished and commonly used in welded steel frames and columns.

RECTANGULAR HOLLOW SECTION

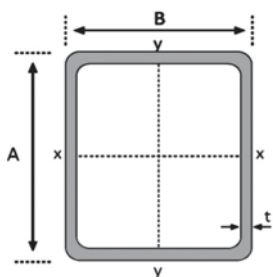
Rectangular hollow sections are available in both hot or cold formed that has largest amount of functionality for builders and others high functioning structural or mechanical projects. It has a flat surface similar to SHS which offer great resistance to torsion and buckling.

Size Range:

19mm x 9mm to 400mm x 300mm



Hollow Sections - Rectangular Hollow Sections



Standard Sectional Dimension		Unit Weight
A x B (mm)	t (mm)	kg/m
19 x 9	1.0	0.415
	1.2	0.492
	1.6	0.641
25 x 12	1.0	0.556
	1.2	0.662
32 x 16	1.0	0.729
	1.2	0.869
38 x 12	1.6	1.140
	1.0	0.766
38 x 19	1.2	0.912
	1.6	1.196
38 x 25	1.0	0.871
	1.2	1.040
50 x 25	1.6	1.370
	1.0	0.965
65 x 38	1.2	1.150
	1.6	1.520
	1.0	1.150
75 x 25	1.2	1.380
	1.6	1.820
	2.3	2.580
	3.0	3.310
75 x 38	1.6	2.530
	2.3	3.590
	3.0	4.630
	4.0	6.080
75 x 50	1.6	2.450
	2.3	3.480
	3.0	4.490
	4.0	5.890
	4.5	6.570
100 x 50	1.6	2.780
	2.3	3.950
	3.0	5.100
	4.0	6.710
	4.5	7.490
100 x 75	2.3	4.390
	3.0	5.670
	4.0	7.460
	4.5	8.340
	5.0	9.200
	6.0	10.890
100 x 75	2.3	5.290
	3.0	6.850
	4.0	9.030
	4.5	10.100
	5.0	11.160
	6.0	13.250
100 x 75	3.0	8.020
	4.0	10.600
	4.5	11.870
	5.0	13.130
	6.0	15.600

Standard Sectional Dimension		Unit Weight
A x B (mm)	t (mm)	kg/m
125 x 50	3.0	8.020
	4.0	10.600
	4.5	11.870
	5.0	13.130
125 x 75	6.0	15.600
	3.0	9.200
	4.0	12.170
	4.5	13.640
150 x 50	5.0	15.090
	6.0	17.960
	9.0	26.280
	3.0	9.200
150 x 75	4.0	12.170
	4.5	13.640
	5.0	15.090
	6.0	17.960
150 x 100	9.0	29.810
	3.0	10.380
	4.0	13.740
	4.5	15.400
200 x 100	5.0	17.050
	6.0	20.320
	9.0	29.810
	4.0	15.310
200 x 150	4.5	17.170
	5.0	19.020
	6.0	22.670
	9.0	33.340
250 x 150	4.0	18.450
	4.5	20.710
	5.0	22.940
	6.0	27.380
	9.0	40.410
300 x 200	12.0	52.990
	4.5	24.240
	6.0	32.100
	9.0	47.480
350 x 250	12.0	62.420
	4.5	27.770
	6.0	36.810
	9.0	54.550
400 x 200	12.0	71.840
	6.0	46.230
	9.0	68.680
	16.0	119.340
400 x 300	12.0	90.690
	9.0	82.820
	16.0	144.470
400 x 300	9.0	82.820
	12.0	109.540
	16.0	144.470
400 x 300	12.0	109.540
	16.0	144.470
	19.0	200.000



Hollow Sections

Steel hollow section also known as hollow structural section or structural steel tube is a type of steel that is formed into a hollow tubular section. Hollow structural sections are categorized into square hollow section (SHS), Rectangular Hollow Section (RHS) and Circular Hollow Section (CHS), each type of hollow section has unique attributes and used for specific purpose. Hollow section is available in both hot and cold formed finished and commonly used in welded steel frames and columns.

SQUARE HOLLOW SECTION

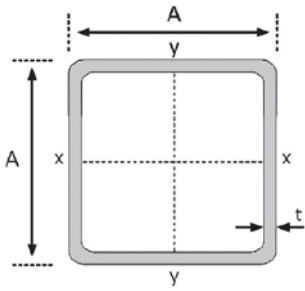
Square hollow sections are available in both hot or cold formed. It has a flat surface similar to RHS, encompassing the entire outer rim. The sides are all equilateral and accurately fit which makes it ideal choice for building application.

Size Range:

12mm x 12mm to 400mm x 400mm



Hollow Sections - Square Hollow Sections



Standard Sectional Dimension		Unit Weight
A x A (mm)	t (mm)	kg/m
12 x 12	1.0	0.352
	1.2	0.417
	1.6	0.540
16 x 16	1.0	0.478
	1.2	0.568
	1.6	0.741
19 x 19	1.0	0.572
	1.2	0.681
	1.6	0.892
25 x 25	1.0	0.761
	1.2	0.907
	1.6	1.190
	2.3	1.680
32 x 32	3.0	2.130
	1.2	1.170
	1.6	1.550
	2.3	2.180
38 x 38	3.0	2.790
	1.2	1.400
	1.6	1.850
40 x 40	2.3	2.620
	3.0	3.360
	4.5	4.870
	1.2	1.470
50 x 50	1.6	1.950
	2.3	2.760
	3.0	3.550
	3.2	3.770
	1.6	2.450
60 x 60	2.3	3.480
	3.0	4.490
	4.0	5.890
	4.5	6.570
	5.0	7.240
	6.0	8.540
65 x 65	1.6	2.950
	2.3	4.200
	3.0	5.430
	4.0	7.140
	4.5	7.980
75 x 75	2.3	4.570
	3.0	5.900
	4.0	7.770
	4.5	8.690
	5.0	9.590
	6.0	11.360
75 x 75	2.3	5.290
	3.0	6.850
	4.0	9.030
	4.5	10.100
	5.0	11.160
6.0	13.250	

Standard Sectional Dimension		Unit Weight
A x A (mm)	t (mm)	kg/m
90 x 90	2.3	6.370
	3.0	8.260
	4.0	10.910
	4.5	12.220
100 x 100	5.0	13.520
	6.0	16.080
	2.3	7.090
	3.0	9.200
	4.0	12.170
125 x 125	4.5	13.640
	5.0	15.090
	6.0	17.960
	9.0	26.280
150 x 150	3.0	11.560
	4.0	15.310
	4.5	17.170
	5.0	19.020
	6.0	22.670
175 x 175	9.0	33.340
	3.0	13.910
	4.0	18.450
	4.5	20.710
200 x 200	5.0	22.940
	6.0	27.380
	9.0	40.410
	4.0	21.600
250 x 250	4.5	24.240
	5.0	26.870
	6.0	32.100
	9.0	47.480
300 x 300	6.0	36.810
	8.0	48.680
	9.0	54.550
	12.0	71.840
350 x 350	6.0	46.230
	8.0	61.250
	9.0	68.680
	12.0	90.690
400 x 400	16.0	119.340
	9.0	82.820
400 x 400	12.0	109.540
	16.0	144.470
400 x 400	12.0	128.390
	16.0	169.610
400 x 400	12.0	147.240
	16.0	194.740



Steel Plates

Steel plates are widely used for structural and construction applications, pressure vessels, marine and offshore equipment, and military applications. Steel plates come in various type such as steel, ship or chequered plate.

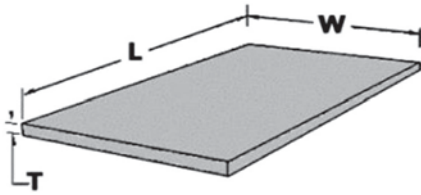
STEEL PLATES

Steel plates are manufactured through hot rolling process; where steel slabs are heated till they are malleable and then re-created in forms of coils or sheets. They are generally used for production of steel structures, bridges, ships and vehicles.

Size Range:
1.2mm to 100mm



Steel Plates



Thickness	Unit	Width & Length				
		4ft x 8ft 1219 x 2438mm	5ft x 10ft 1524 x 3048mm	5ft x 20ft 1524 x 6096mm	6ft x 20ft 1829 x 6096mm	8ft x 20ft 2438 x 6096mm
mm	kg/ft	kg/pc	kg/pc	kg/pc	kg/pc	kg/pc
1.2	0.875	28.000	43.800	87.500	105.000	140.000
1.5	1.094	35.000	54.700	109.000	131.000	175.000
1.6	1.167	37.300	58.300	117.000	140.000	186.000
1.8	1.313	42.000	65.600	131.000	157.000	210.000
1.9	1.386	44.300	69.300	139.000	166.000	221.000
2.0	1.459	46.700	72.900	145.000	175.000	233.000
2.2	1.605	51.300	80.200	160.000	192.000	256.000
2.3	1.677	53.700	83.900	168.000	201.000	268.000
2.5	1.896	58.300	94.800	190.000	227.000	303.000
2.8	2.042	65.300	102.000	204.000	245.000	326.000
2.9	2.120	67.700	105.000	211.000	253.000	338.000
3.0	2.188	70.700	109.000	219.000	263.000	350.000
3.2	2.334	74.700	117.000	233.000	280.000	373.000
4.0	2.917	93.300	146.000	292.000	350.000	466.000
4.3	3.136	100.000	156.000	313.000	376.000	501.000
4.5	3.282	105.000	164.000	328.000	394.000	525.000
5.0	3.647	117.000	182.000	365.000	438.000	583.000
5.8	4.230	135.000	211.000	423.000	507.000	677.000
6.0	4.376	140.000	219.000	438.000	525.000	700.000
8.0	5.834	187.000	292.000	583.000	700.000	934.000
9.0	6.564	210.000	328.000	656.000	788.000	1050.000
10.0	7.293	233.000	365.000	729.000	875.000	1167.000
12.0	8.752	280.000	438.000	875.000	1050.000	1400.000
15.0	10.940	350.000	547.000	1094.000	1313.000	1750.000
16.0	11.670	373.000	583.000	1167.000	1400.000	1867.000
18.0	13.130	420.000	656.000	1313.000	1575.000	2100.000
19.0	13.860	443.000	693.000	1386.000	1663.000	2217.000
20.0	14.590	467.000	729.000	1459.000	1750.000	2334.000
22.0	16.040	513.000	802.000	1604.000	1925.000	2567.000
24.0	17.500	560.000	875.000	1750.000	2100.000	2801.000
25.0	18.230	583.000	912.000	1823.000	2188.000	2917.000
30.0	21.880	700.000	1094.000	2188.000	2625.000	3501.000
32.0	23.340	747.000	1167.000	2334.000	2801.000	3734.000
35.0	25.530	817.000	1277.000	2553.000	3064.000	4085.000
38.0	27.710	887.000	1386.000	2771.000	3326.000	4434.000
40.0	29.170	934.000	1459.000	2917.000	3501.000	4668.000
45.0	32.820	1050.000	1641.000	3282.000	3938.000	5251.000
50.0	36.470	1167.000	1823.000	3647.000	4376.000	5834.000
65.0	47.400	1517.000	2370.000	4740.000	5689.000	7585.000
75.0	54.700	1750.000	2735.000	5470.000	6564.000	8752.000
100.0	72.930	2334.000	3647.000	7293.000	8752.000	11669.000



Steel Plates

Steel plates are widely used for structural and construction applications, pressure vessels, marine and offshore equipment, and military applications. Steel plates come in various type such as steel, ship or chequered plate.

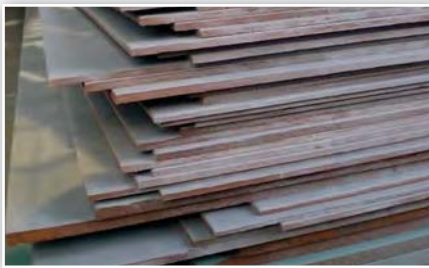
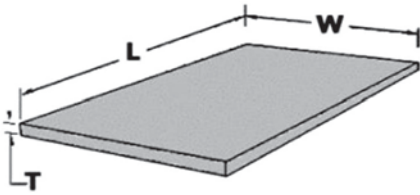
SHIP PLATE

Steel plate for shipbuilding needs to have exceptional strength and weldability; they are usually manufactured using Thermo Mechanical Control Process technology (TMCP). Ship plates are used to manufacture ship hulls (bottom, deck, floors and bulkheads), offshore platforms and structures. Usually for offshore applications, low-temperature ductility and corrosion resistance are required in addition.

Size Range:
6mm to 50mm



Plates - Ship Plates

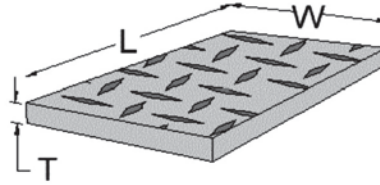


Thickness (T)	Unit Weight	Width x Length
		8ft x 30ft (2438mm x 9144mm)
mm	kg/ft	kg/pc
6.0	4.376	1050.240
6.3	4.594	1102.560
7.0	5.105	1225.200
8.0	5.834	1400.160
9.0	6.564	1575.360
9.5	6.929	1663.000
10.0	7.293	1750.320
11.0	8.022	1925.280
12.0	8.752	2100.480
12.5	9.117	2188.000
12.7	9.262	2222.880
13.0	9.481	2275.440
14.0	10.210	2450.400
15.0	10.940	2625.600
16.0	11.670	2800.800
17.0	12.400	2976.000
18.0	13.130	3151.200
19.0	13.860	3326.400
20.0	14.590	3501.600

Thickness (T)	Unit Weight	Width x Length
		8ft x 30ft (2438mm x 9144mm)
mm	kg/ft	kg/pc
21.0	15.320	3676.800
22.0	16.040	3849.600
23.0	16.770	4025.000
24.0	17.500	4200.000
25.0	18.230	4375.200
26.0	18.960	4550.400
27.0	19.690	4725.600
28.0	20.420	4900.800
29.0	21.150	5076.000
30.0	21.880	5251.200
32.0	23.340	5601.600
34.0	24.800	5952.000
35.0	25.521	6125.020
36.0	26.250	6300.000
38.0	27.710	6650.040
40.0	29.170	7000.800
45.0	32.820	7876.800
50.0	36.460	8750.400

Steel Plates

Steel plates are widely used for structural and construction applications, pressure vessels, marine and offshore equipment, and military applications. Steel plates come in various type such as steel, ship or chequered plate.



CHEQUERED PLATE

Chequered plates are different from usual steel plate as texture was added to improve footing and traction in all directions. Purpose of extra texture reduces the risk of slipping which makes it perfect solution for foot traffic or wheeled industrial equipment traffic requires skid-resistant surface.

Size Range:
2.3mm to 12mm



Thickness (T)	Width x Length	
	4ft x 8ft 1219mm x 2438mm	5ft x 10ft 1524mm x 3048mm
mm	kg/pc	kg/pc
2.3	58.670	91.870
2.5	63.500	99.160
3.0	75.100	117.400
4.0	98.350	153.860
4.5	110.000	172.000
5.0	121.700	190.350
6.0	145.000	226.790
8.0	191.700	299.720
9.0	215.040	336.190
10.0	238.380	372.650
12.0	285.050	445.580



Your One Stop Hardware Supplier

35 Tuas Avenue 2, Singapore 639464

+ 65 6582 5645

+ 65 6582 2135

www.hsxpress.com.sg