BASTA BAKAL

Regan
INDUSTRIAL SALES INC.
ESTABLISHED 1968

PRODUCT HANDBOOK

About Us

Regan Industrial Sales, Incorporated is a trusted steel provider established in 1968. Over the years, Regan has been supplying various steel plates, sections, pipes and tubing, bars, rods, and other novel steel products across a multi-sectoral market in the country.

Regan Industrial Sales, Incorporated provides superior services to contractors, manufacturing, mining, retail, and other industries, serving both the domestic and international sectors. Our company always brings a fresh and innovative approach to selling steel products.

We will venture to maintain our undisputed character as a leading steel supplier in the Philippines notwithstanding the ever-changing market conditions and customer needs. Currently, our company can efficiently deliver and extend a complete suite of services and products in far-off areas within the country after establishing three satellite hubs in Manila, Cebu, and Davao in order to customize and integrate logistics solutions in Luzon, Visayas, and Mindanao regions, respectively.

STEEL SOLUTIONS
FOR YOUR SUCCESS

CREATING VALUE THROUGH INNOVATION

TRUSTED STEEL PROVIDER
SINCE 1968

we are
STEEL & MORE...

Our Services

It is our goal to exceed the expectations of every client by offering outstanding customer service, increased flexibility, and greater value for your steel requirements.

We provide superior services to contractors, manufacturing, mining, retail, and other industries, serving both the domestic and international sectors. Our people are distinguished by their passion and technical expertise combined with their hands-on experience, thereby ensuring that our clients receive the best possible service.

REGAN OFFERS **CONVENIENCE**

Regan takes pride in customizing your needs. Aside from offering superior service at competitive prices and producing time-tested steel products, we offer absolute convenience through being a one-stop shop for steel products that ensures an unmatched and time-definite delivery service all over the archipelago.

REGAN PROVIDES **VARIETY and CHOICES**

Our ability to seek a diversity of options over time for our clients has established Regan as one of the most respected steel suppliers in the Philippines -- providing services and products made of superior materials and outstanding customer service.

REGAN VALUES **PARTNERSHIPS**

Regan firmly believes that the core of our business is the RSK family: the reliable suppliers, our dynamic-thinking people, and our valued clients. We place an ardent focus and commitment in improving the ways in which our partners are supported and appreciated in order to cultivate a culture that is focused on creating a positive influence on the lives of the RSK family.

REGAN ANTICIPATES **INNOVATIVE SOLUTIONS**

As we move forward towards innovation, our company is constantly exploring in expanding its wide and varied selection of products, services, and systems that adhere to the highest standards in order to provide solutions for your different and changing needs.

CONTENTS

ANGLE BARS
- Angle Bar - Equal Leg (PNS 657) ..... 01 - 03
- Angle Bar - Un-equal Leg (JIS) 04

CHANNEL BARS
- Channel Bar (JIS) ..... 05 - 07
- Channel Bar (ASTM) 08

DEFORMED BARS
- Deformed Bar (PNS 49) ..... 09 - 11

FLAT BARS
- Flat Bar (ASTM) ..... 12 - 16

PIPES & TUBINGS
- **ERW Black Iron Pipe & Galvanized Iron Pipe (PNS 26 & PNS 2145)**
  - Heavy Gauge Pipe (Supreme & Superior) 17
  - Light Gauge Pipe (TRI-R Pipe) 18
  - Lightweight Steel Tubes (Strux) 19
- **Seamless Black Iron Pipe & Galvanized Iron Pipe (ASTM A53)**
  - Schedule 40 (Regan) 20
  - Schedule 80 (Regan) 21
  - Schedule 160 (Regan) 22
- Spiral Welded Pipe (Regan) 23
- Square Tube (ASTM) ..... 24 - 25
- Rectangular Tube (ASTM) ..... 26 - 27

PLATES AND COILS
- Mild Steel Plate - Hot Rolled Sheet and Coil (ASTM) ..... 28 - 30
- Checkered Plate 31
- Cold Rolled Sheet and Coil 32
- Galvanized Iron Sheet 33

PURLINS
- C & Z Purlins (ASTM) ..... 34 - 35

SHEET PILES
- U-Type Hot & Cold Rolled (JIS / EN) 36-38
- Z-Type Hot Rolled (JIS / EN) 39

T-BEAMS
- T-Beam (ASTM) ..... 40 - 46

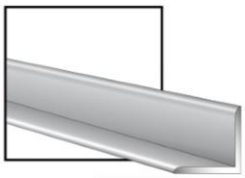
WIDE FLANGES
- Wide Flange (ASTM) ..... 47 - 53
- Wide Flange (JIS) ..... 54 - 58

OTHER SERVICES 59

ANGLE BARS

SERVICING NATIONWIDE

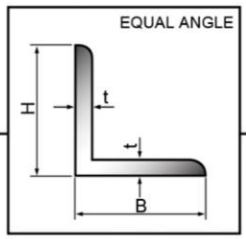
LUZON • VISAYAS • MINDANAO



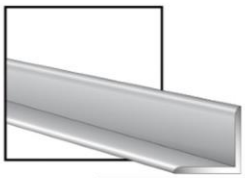
ANGLE BAR - EQUAL LEG

Philippine National Standard PNS 657:2008

Table 1 :
Dimensions and sectional properties of hot-rolled equal-leg angle bars



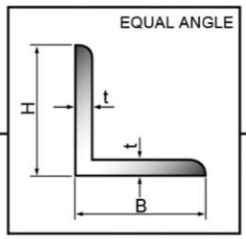
Size		Mass	Dimensions			Weight per
mm	Thickness mm	kg/m	*A* mm	*t* mm	*root* mm	6m
20 x 20	2	0.61	20	2	3.5	3.660
	3	0.88	20	3	3.5	5.280
25 x 25	2	0.76	25	2	3.5	4.560
	2.5	0.94	25	2.5	3.5	5.640
	3	1.12	25	3	3.5	6.720
	3.5	1.29	25	3.5	3.5	7.740
	4	1.45	25	4	3.5	8.700
	5	1.78	25	5	3.5	10.680
	6	2.08	25	6	3.5	12.480
30 x 30	2	0.93	30	2	5	5.580
	3	1.36	30	3	5	8.160
	3.5	1.57	30	3.5	5	9.420
	4	1.78	30	4	5	10.680
	5	2.18	30	5	5	13.080
	6	2.56	30	6	5	15.360
35 x 35	4	2.09	35	4	5	12.540
	5	2.57	35	5	5	15.420
38 x 38	2	1.19	38	2	6	7.140
	2.5	1.47	38	2.5	6	8.820
	3	1.75	38	3	6	10.500
	3.5	2.02	38	3.5	6	12.120
	4	2.56	38	4	6	13.740
	4.5	2.56	38	4.5	6	15.360
	5	2.82	38	5	6	16.920
	6	3.33	38	6	6	19.980
50 x 50	2.5	1.95	50	2.5	7	11.700
	3	2.33	50	3	7	13.980
	3.5	2.69	50	3.5	7	16.140
	4	3.06	50	4	7	18.360
	4.5	3.41	50	4.5	7	20.460
	5	3.77	50	5	7	22.620
	6	4.47	50	6	7	26.820



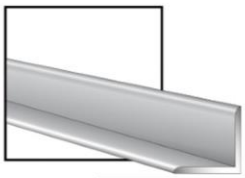
ANGLE BAR - EQUAL LEG

Philippine National Standard PNS 657:2008

Table 1 :
Dimensions and sectional properties of hot-rolled equal-leg angle bars



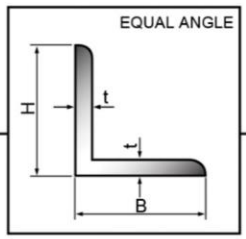
Size		Mass	Dimensions			Weight per
mm	Thickness mm	kg/m	*A* mm	*t* mm	*root* mm	6m
50	7	5.15	50	7	7	30.900
	8	5.82	50	8	7	34.920
	9	6.47	50	9	7	38.820
63.5 x 63.5	4	3.90	63.5	4	7	23.400
	4.5	4.37	63.5	4.5	7	26.220
	5	4.83	63.5	5	7	28.980
	6	5.74	63.5	6	7	34.440
	7	6.64	63.5	7	7	39.840
	8	7.51	63.5	8	7	45.060
	9	8.35	63.5	9	7	50.280
	11	10.06	63.5	11	7	60.360
75 x 75	3.5	4.09	75	3.5	9	24.540
	4	4.65	75	4	9	27.900
	4.5	5.21	75	4.5	9	31.260
	5	5.76	75	5	9	34.560
	6	6.85	75	6	9	41.100
	7	7.93	75	7	9	47.580
	8	8.99	75	8	9	53.940
	9	10.03	75	9	9	60.180
	11	12.07	75	11	9	72.420t
90 x 90	7	9.61	90	7	11	57.660
	8	10.90	90	8	11	65.400
	9	12.18	90	9	11	73.080
	10	13.45	90	10	11	80.700
100 x 100	5.5	8.52	100	5.5	12	51.120
	6	9.26	100	6	12	55.560
	7	10.73	100	7	12	64.380
	7.5	11.45	100	7.5	12	68.700
	8	12.18	100	8	12	73.080
	9	13.62	100	9	12	81.720
	10	15.04	100	10	12	90.240
	12	17.83	100	12	12	106.980



ANGLE BAR - EQUAL LEG

Philippine National Standard PNS 657:2008

Table 1 :
Dimensions and sectional properties of hot-rolled equal-leg angle bars



Size		Mass	Dimensions			Weight per
mm	Thickness mm	kg/m	*A* mm	*t* mm	*root* mm	6m
125 x 125	8	15.34	125	8	13	92.040
	10	18.98	125	10	13	113.880
	12	22.56	125	12	13	135.360
150 x 150	10	22.98	150	10	16	137.880
	12	27.35	150	12	16	164.100
	15	33.77	150	15	16	202.620
200 x 200	16	48.50	200	16	18	291.000
	20	59.93	200	20	18	359.580
	24	71.11	200	24	18	426.660
250 x 250	28	104.02	250	28	18	624.120
	35	128.03	250	35	18	768.180

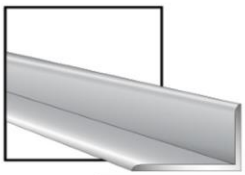
other sizes not specified can be custom made

NOTE 1 Equal leg hot-rolled angle bar specifications falls under the DTI BPS mandatory certification scheme.

NOTE 2 Mechanical and chemical properties can be made available upon request from the DTI BPS.

NOTE 3 Dimensional tolerances are also available upon request from DTI BPS.

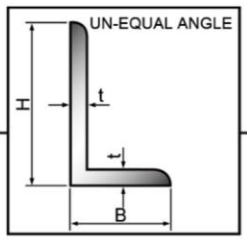
NOTE 4 Highlighted ones are special sizes and are for indent order.



ANGLE BAR - UNEQUAL LEG

Japanese Industrial Standard (JIS)

Table 1 :
Dimensions and sectional properties of hot-rolled equal-leg angle bars



Size		Mass	Dimensions				Weight per
mm	Thickness mm	kg/m	*A* mm	*B* mm	*t* mm	*root* mm	6m
50 x 75	5	4.67	50	75	3.5	7	28.000
	6	5.65			3.5	7	33.900
	8	7.39			3.5	7	44.340
75 x 100	6	7.95	40	75	5	10	47.700
	7	9.23			5	10	55.380
	8	10.60			5	10	63.600
	9	11.73			5	10	70.400
	10	13.00			5	10	78.000
	12	15.40			5	10	92.400
75 x 125	7	10.60	75	125	5.5	11	63.600
	8	12.20			5.5	11	73.200
	9	13.50			5.5	11	81.000
	10	15.00			5.5	11	90.000
	12	17.80			5.5	11	106.800
75 x 150	7	10.60	75	150	6	12	63.600
	8	12.07			6	12	72.400
	9	15.40			6	12	92.400
	10	17.00			5.5	11	102.000
	11	17.72			5.5	11	106.300
	12	20.20			5.5	11	121.200
	15	24.80			5.5	11	106.300
90 x 150	8	14.57	90	150	6	12	87.400
	9	16.32			6	12	97.900
	10	18.20			6	12	109.200
	12	21.6			6	12	129.600
	15	26.6			6	12	159.600

CHANNEL BARS

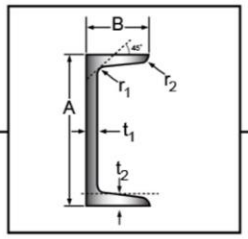
SERVICING NATIONWIDE

LUZON • VISAYAS • MINDANAO

CHANNEL BAR

Japanese Industrial Standard (JIS)

Table 1 :
Dimensions and sectional properties of channel bar

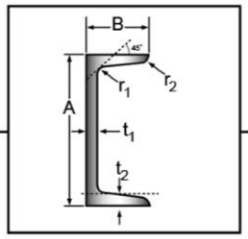


Size	Mass	Dimensions				Weight per
		Thickness		*Height*	*Flange Width*	
mm	kg/m	*Web* mm	*Flange* mm	mm	mm	6m
75 x 40	5.3	3.75	5.24	75	40	31.800
	6.92	5	6.4			41.520
76 x 35	4.80	3.70	4.80	76	35	28.800
	6.10	5	6.4			41.520
80 x 40	7.10	4.65	6.93	80	40	42.600
100 x 46	8.52	4.80	7.90	100	46	51.120
100 x 50	7.30	4.25	6.00	100	50	43.800
	7.50	3.95	6.50			45.000
	9.36	5.00	8.00			56.160
	10.60	6.00	8.50			63.600
102 x 40	6.70	4.20	5.60	102	40	40.200
	8.00	4.57	7.52			48.000
102 x 50	10.2	8.13	7.52	102	50	61.200
118 x 50	8.16	3.80	5.20	118	50	48.960
225 x 65	11.66	4.64	7.1	125	65	69.960
	12.91	5.5	7.65			77.460
	13.4	6.02	9.05			80.400
127 x 58	12.3	5	8.2	140	58	73.800
150 x 75	14.66	4.86	7.4	150	75	87.960
	16.7	5.7	10			100.200
	17.9	6	10			107.400
	18	6	10			108.000
	18.6	6.35	10.28			111.600
	24	9	12.5			144.000

CHANNEL BAR

Japanese Industrial Standard (JIS)

Table 1 :
Dimensions and sectional properties of channel bar

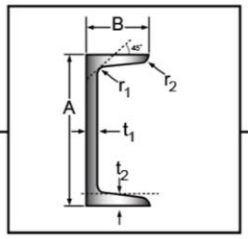


Size	Mass	Dimensions				Weight per
		Thickness		*Height* mm	*Flange Width* mm	
mm	kg/m	*Web* mm	*Flange* mm			6m
152 x 48	10.7	5	6.2	152	48	64.200
152 x 89	23.9	7	11.5	152	89	143.400
160 x 64	14.2	5.5	7.5	160	64	85.200
180 x 65	16.3	5.05	8.5	180	65	97.800
	17.4	5.15	8.5			104.400
180 x 75	21.4	7	10.5	180	75	128.400
200 x 73	18.8	6.5	6.9	200	73	112.800
	19.69	7	7.5			118.140
	20.373	6.3	6.9			122.238
	22.637	8.1	8.5			135.822
	23.3	6.5	13			139.800
200 x 75	25.1	8	11	200	75	150.600
	25.78	8.2	8.8			154.680
200 x 76	18.4	5	9.3	200	76	110.400
200 x 80	24.6	7.5	11	200	80	147.600
250 x 76	23.3	5.9	5.6	250	76	139.800
250 x 78	25.3	7.2	9.1	250	78	151.800
250 x 80	29.76	8.56	10.28	250	80	178.560
250 x 90	35.5	8.15	15.25	250	90	213.000
300 x 82	34.47	6.6	9.7	300	82	206.820
300 x 85	31.017	6.7	9.3	300	85	186.102
	34.4	8.6	10.2			206.400

CHANNEL BAR

Japanese Industrial Standard (JIS)

Table 1 :
Dimensions and sectional properties of channel bar



Size	Mass	Dimensions				Weight per
		Thickness		*Height* mm	*Flange Width* mm	
mm	kg/m	*Web* mm	*Flange* mm			6m
300 x 85	39.1	10	9.4	300	85	234.600
300 x 89	43.88	10	15.5	300	89	263.280
300 x 90	41	9	13	300	90	246.000
300 x 100	46.2	10	16.5	300	100	277.200
360 x 98	53.466	10.8	15.3	360	98	320.796
380 x 100	54	9.6	17.4	380	100	324.000
381 x 86	50.4	10.16	16.51	381	86	302.400
400 x 100	57	9.6	17.4	400	100	342.000

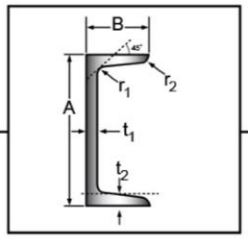
NOTE : **Highlighted ones are special sizes and are for indent order.**

Other sizes not specified can be custom made

CHANNEL BAR

American Standard (ASTM)

Table 1 :
Dimensions and sectional properties of channel bar



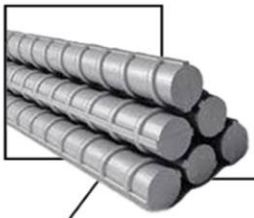
Size	Mass	Dimensions				Weight per	
		Thickness		*Height*	*Flange Width*		
mm	lbs/ft	*Web* mm	*Flange* mm	mm	mm	20FT (lbs)	6m (kg)
3" x 1-3/8"	4.1	4.32	6.93	76.2	34.9	82.00	37.19
3" x 1-1/2"	5.0	6.93	6.93		38.1	100.00	45.35
3" x 1-5/8"	6.0	9.04	6.93		41.3	120.00	54.42
4" x 1-5/8"	5.4	4.57	7.52	101.6	40.2	108.00	48.98
4" x 1-1/2"	6.25	6.27	7.52		41.8	125.00	56.69
4" x 1-3/4"	7.25	8.13	7.52		43.7	145.00	65.76
5" x 1-3/4	6.70	4.83	8.13	127.0	44.5	134.00	60.77
5" x 1-7/8"	9.00	8.26	8.13		47.9	180.00	81.63
5" x 2-1/2"	11.5	11.99	8.13		51.6	230.00	104.31
6" x 1-5/8"	8.20	5.08	8.71	152.4	48.8	164.00	74.38
6" x 2"	10.50	7.98	8.71		51.7	210.00	95.24
6" x 2-1/8"	13.00	11.10	8.71		54.8	260.00	117.91
6" x 3"	16.00	9.53	12.07		57.5	320.00	145.12
7" x 2-1/4"	12.25	7.98	9.30	177.8	55.7	245.00	111.11
	14.75	10.64	9.3		58.4	295.00	133.79
8" x 2-1/4"	11.50	5.65	10	203.2	57.4	230.00	104.31
	18.75	12.37	9.91		64.2	375.00	170.07
8" x 2-1/2"	13.75	7.54	12.75		59.5	275.00	124.72
8" x 3"	16.25	10.03	9.91		61.8	325.00	147.39
10" x 2-1/2"	15.30	6.1	11.07	254.0	66.0	306.00	138.78
10" x 2-3/4"	20.00	9.45	13.4		69.6	400.00	181.41
	25.00	12.9	14.7		73.3	500.00	226.76
10" x 3"	30.00	12.95	15.1		77.0	600.00	272.11
12" x 3"	20.70	7.6	12.5	304.8	74.7	414.00	187.76
	25.00	9.65	15.1		77.4	500.00	226.76
	30.00	12.82	16.1		80.5	600.00	272.11
15" x 3-1/2"	40.00	13.18	19.1	381.0	89.4	800.00	362.81
15" x 3-3/4"	33.90	10.16	16.51		86.4	678.00	307.48
	50.00	17.96	19.95		94.4	1000.00	453.51

Other sizes not specified can be custom made

DEFORMED BARS

SERVICING NATIONWIDE

LUZON • VISAYAS • MINDANAO



DEFORMED BAR

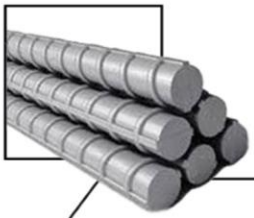
Philippine National Standard PNS 49

Table 1 :
Dimensions and sectional properties of deformed bar

GRADE 33

Nominal Size		Mass	Weight per
Diameter	Length		
mm	*m*	kg/m	Length
10	6.0 m	0.62	3.696
	7.5 m	0.77	4.620
	9.0 m	0.92	5.544
	10.5 m	1.08	6.468
	12.0 m	1.23	7.392
12	6.0 m	0.89	5.328
	7.5 m	1.11	6.660
	9.0 m	1.33	7.992
	10.5 m	1.55	9.324
	12.0 m	1.78	10.656
16	6.0 m	1.58	9.468
	7.5 m	1.97	11.835
	9.0 m	2.37	14.202
	10.5 m	2.76	16.569
	12.0 m	3.16	18.936
20	6.0 m	2.47	14.796
	7.5 m	3.08	18.495
	9.0 m	3.70	22.198
	10.5 m	4.32	25.893
	12.0 m	4.93	29.592
25	6.0 m	3.85	23.118
	7.5 m	4.82	28.898
	9.0 m	5.78	34.677
	10.5 m	6.74	40.457
	12.0 m	7.71	46.236

**28mm, 32mm, and 36mm available upon request



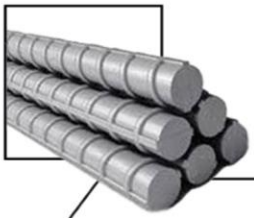
DEFORMED BAR

Philippine National Standard PNS 49

Table 1 :
Dimensions and sectional properties of deformed bar

GRADE 40

Nominal Size		Mass	Weight per
Diameter	Length		
mm	*m*	kg/m	Length
10	6.0 m	0.62	3.696
	7.5 m	0.77	4.620
	9.0 m	0.92	5.544
	10.5 m	1.08	6.468
	12.0 m	1.23	7.392
12	6.0 m	0.89	5.328
	7.5 m	1.11	6.660
	9.0 m	1.33	7.992
	10.5 m	1.55	9.324
	12.0 m	1.78	10.656
16	6.0 m	1.58	9.468
	7.5 m	1.97	11.835
	9.0 m	2.37	14.202
	10.5 m	2.76	16.569
	12.0 m	3.16	18.936
20	6.0 m	2.47	14.796
	7.5 m	3.08	18.495
	9.0 m	3.70	22.198
	10.5 m	4.32	25.893
	12.0 m	4.93	29.592
25	6.0 m	3.85	23.118
	7.5 m	4.82	28.898
	9.0 m	5.78	34.677
	10.5 m	6.74	40.457
	12.0 m	7.71	46.236



DEFORMED BAR

Philippine National Standard PNS 49

Table 1 :
Dimensions and sectional properties of deformed bar

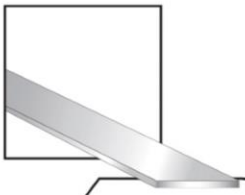
GRADE 60

Nominal Size		Mass	Weight per
Diameter	Length		
mm	*m*	kg/m	Length
10	6.0 m	0.62	3.696
	7.5 m	0.77	4.620
	9.0 m	0.92	5.544
	10.5 m	1.08	6.468
	12.0 m	1.23	7.392
12	6.0 m	0.89	5.328
	7.5 m	1.11	6.660
	9.0 m	1.33	7.992
	10.5 m	1.55	9.324
	12.0 m	1.78	10.656
16	6.0 m	1.58	9.468
	7.5 m	1.97	11.835
	9.0 m	2.37	14.202
	10.5 m	2.76	16.569
	12.0 m	3.16	18.936
20	6.0 m	2.47	14.796
	7.5 m	3.08	18.495
	9.0 m	3.70	22.198
	10.5 m	4.32	25.893
	12.0 m	4.93	29.592
25	6.0 m	3.85	23.118
	7.5 m	4.82	28.898
	9.0 m	5.78	34.677
	10.5 m	6.74	40.457
	12.0 m	7.71	46.236
28	6.0 m	4.83	29.004
	7.5 m	6.04	36.255
	9.0 m	7.25	43.506
	10.5 m	8.46	50.757
	12.0 m	9.67	58.008
32	6.0 m	6.31	37.878
	7.5 m	7.89	47.348
	9.0 m	9.47	56.817
	10.5 m	11.05	66.287
	12.0 m	12.63	75.756
36	6.0 m	7.99	47.940
	7.5 m	9.99	59.925
	9.0 m	11.99	71.910
	10.5 m	13.98	83.895
	12.0 m	15.98	95.880

FLAT BARS

SERVICING NATIONWIDE

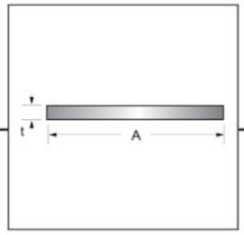
LUZON • VISAYAS • MINDANAO



FLAT BAR

American Standard (ASTM)

Table 1 :
Dimensions and sectional properties of Flat Bars

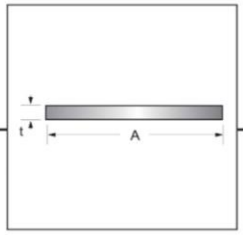


Dimensions		Mass	Weight per
Width	Thickness		
inches	*mm*	kg/m	6m
2"	4.5mm	1.82	10.92
	6.0mm	2.43	14.586
	8.0mm	3.24	19.44
	9.0mm	3.64	21.86
	10.0mm	4.05	24.31
	12.0mm	4.86	29.16
	15.0mm	6.08	36.46
	18.0mm	7.29	43.74
	20mm	8.10	48.6
	24mm	9.72	58.34
3"	4.5mm	2.73	16.38
	6.0mm	3.65	21.879
	8.0mm	4.86	29.16
	9.0mm	5.47	32.79
	10.0mm	6.08	36.46
	12.0mm	7.29	43.74
	15.0mm	9.12	54.69
	18.0mm	10.94	65.61
	20mm	12.15	72.9
	24mm	14.59	87.51
4"	4.5mm	3.64	21.84
	6.0mm	4.86	29.172
	8.0mm	6.48	38.88
	9.0mm	7.29	43.72
	10.0mm	8.10	48.62
	12.0mm	9.72	58.32
	15.0mm	12.15	72.92
	18.0mm	14.58	87.48
	20mm	16.20	97.2
	24mm	19.45	116.68
5"	4.5mm	4.55	27.3
	6.0mm	6.08	36.465
	8.0mm	8.10	48.6
	9.0mm	9.11	54.65
	10.0mm	10.13	60.77
	12.0mm	12.15	72.9
	15.0mm	15.19	91.15
	18.0mm	18.23	109.35
	20mm	20.25	121.5
	24mm	24.31	145.85

FLAT BAR

American Standard (ASTM)

Table 1 :
Dimensions and sectional properties of Flat Bars

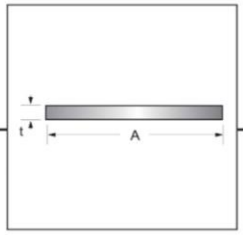


Dimensions		Mass	Weight per
Width	Thickness		
inches	*mm*	kg/m	6m
6"	4.5mm	5.46	32.76
	6.0mm	7.29	43.758
	8.0mm	9.72	58.32
	9.0mm	10.93	65.58
	10.0mm	12.16	72.93
	12.0mm	14.58	87.48
	15.0mm	18.23	109.38
	18.0mm	21.87	131.22
	20mm	24.30	145.8
	24mm	29.17	175.02
7"	4.5mm	6.37	38.22
	6.0mm	8.51	51.051
	8.0mm	11.34	68.04
	9.0mm	12.75	76.51
	10.0mm	14.18	85.08
	12.0mm	17.01	102.06
	15.0mm	21.27	127.61
	18.0mm	25.52	153.09
	20mm	28.35	170.1
	24mm	34.03	204.19
8"	4.5mm	7.28	43.68
	6.0mm	9.72	58.344
	8.0mm	12.96	77.76
	9.0mm	14.57	87.44
	10.0mm	16.21	97.24
	12.0mm	19.44	116.64
	15.0mm	24.31	145.84
	18.0mm	29.16	174.96
	20mm	32.40	194.4
	24mm	38.89	233.36
9"	4.5mm	8.19	49.14
	6.0mm	10.94	65.637
	8.0mm	14.58	87.48
	9.0mm	16.40	98.37
	10.0mm	18.23	109.4
	12.0mm	21.87	131.22
	15.0mm	27.35	164.07
	18.0mm	32.81	196.83
	20mm	36.45	218.7
	24mm	43.76	262.53

FLAT BAR

American Standard (ASTM)

Table 1 :
Dimensions and sectional properties of Flat Bars

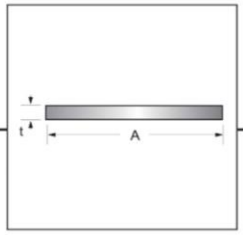


Dimensions		Mass	Weight per
Width	Thickness		
inches	*mm*	kg/m	6m
10"	4.5mm	9.10	54.6
	6.0mm	12.16	72.93
	8.0mm	16.20	97.2
	9.0mm	18.22	109.3
	10.0mm	20.26	121.55
	12.0mm	24.30	145.8
	15.0mm	30.38	182.3
	18.0mm	36.45	218.7
	20mm	40.50	243
	24mm	48.62	291.7
11"	4.5mm	10.01	60.06
	6.0mm	13.37	80.223
	8.0mm	17.82	106.92
	9.0mm	20.04	120.23
	10.0mm	22.28	133.7
	12.0mm	26.73	160.38
	15.0mm	33.42	200.53
	18.0mm	40.10	240.57
	20mm	44.55	267.3
	24mm	53.48	320.87
12"	4.5mm	10.92	65.52
	6.0mm	14.59	87.516
	8.0mm	19.44	116.64
	9.0mm	21.86	131.16
	10.0mm	24.31	145.86
	12.0mm	29.16	174.96
	15.0mm	36.46	218.76
	18.0mm	43.74	262.44
	20mm	48.60	291.6
	24mm	58.34	350.04
13"	4.5mm	11.83	70.98
	6.0mm	15.80	94.809
	8.0mm	21.06	126.36
	9.0mm	23.68	142.09
	10.0mm	26.33	158
	12.0mm	33.09	198.54
	15.0mm	39.50	236.99
	18.0mm	47.39	284.31
	20mm	52.65	315.9
	24mm	63.20	379.21

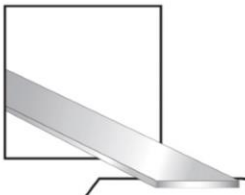
FLAT BAR

American Standard (ASTM)

Table 1 :
Dimensions and sectional properties of Flat Bars



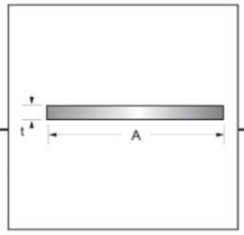
Dimensions		Mass	Weight per
Width	Thickness		
inches	*mm*	kg/m	6m
14"	4.5mm	12.74	76.44
	6.0mm	17.02	102.1
	8.0mm	22.68	136.08
	9.0mm	25.50	153.023
	10.0mm	28.36	170.17
	12.0mm	34.02	204.12
	15.0mm	42.54	255.22
	18.0mm	51.03	306.18
	20mm	56.70	340.2
	24mm	68.06	408.38
15"	4.5mm	13.65	81.9
	6.0mm	18.23	109.4
	8.0mm	24.30	145.8
	9.0mm	27.33	163.95
	10.0mm	30.39	182.32
	12.0mm	36.45	218.7
	15.0mm	45.58	273.45
	18.0mm	54.68	328.05
	20mm	60.75	364.5
	24mm	72.93	437.55
16"	4.5mm	14.56	87.36
	6.0mm	19.45	116.69
	8.0mm	25.92	155.52
	9.0mm	29.15	174.88
	10.0mm	32.41	194.48
	12.0mm	38.88	233.28
	15.0mm	48.61	291.68
	18.0mm	58.32	349.92
	20mm	64.80	388.8
	24mm	77.79	466.72
18"	4.5mm	16.38	98.28
	6.0mm	21.88	131.27
	8.0mm	29.16	174.96
	9.0mm	32.79	196.74
	10.0mm	36.47	218.79
	12.0mm	43.74	262.44
	15.0mm	54.69	328.14
	18.0mm	65.61	393.66
	20mm	72.90	437.4
	24mm	87.51	525.06



FLAT BAR

American Standard (ASTM)

Table 1 :
Dimensions and sectional properties of Flat Bars

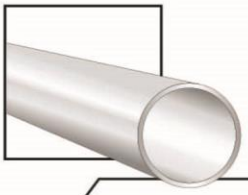


Dimensions		Mass	Weight per
Width	Thickness		
inches	*mm*	kg/m	6m
20"	4.5mm	18.20	109.2
	6.0mm	24.31	145.86
	8.0mm	32.40	194.4
	9.0mm	36.43	218.6
	10.0mm	40.52	243.09
	12.0mm	48.60	291.6
	15.0mm	60.77	364.6
	18.0mm	71.23	427.4
	20mm	81.00	486
	24mm	97.23	583.4

PIPES & TUBINGS

SERVICING NATIONWIDE

LUZON • VISAYAS • MINDANAO



ERW
Black and Galvanized Iron Pipe

Philippine National Standard PNS 26:2018

HEAVY GAUGE PIPES **Brand/s: SUPREME & SUPERIOR**

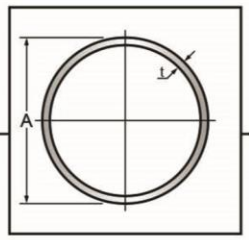


Table 1 – Dimensions and sectional properties of black and hot dipped zinc coated (galvanized) longitudinally welded steel pipes

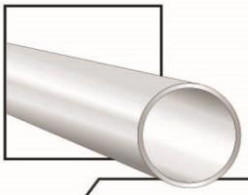
Nominal Size Diameter		Outside Diameter	Mass	Wall Thickness	Weight per pc
inches	*mm*	*mm*	*kg/m*	*mm*	6m
1/2"	15mm	21.3	1.277	2.80	7.662
3/4"	20mm	26.7	1.702	2.90	10.212
1"	25mm	33.4	2.515	3.40	15.090
1-1/4"	32mm	42.2	3.427	3.60	20.562
1-1/2"	40mm	48.3	4.069	3.70	24.414
2"	50mm	60.3	5.553	4.00	33.318
2-1/2"	65mm	73.0	8.694	5.20	52.164
3"	80mm	88.9	11.312	5.50	67.872
4"	100mm	114.3	16.024	6.00	96.144
5"	125mm	141.3	21.923	6.60	131.538
6"	150mm	168.3	28.224	7.10	169.344
8"	200mm	219.1	42.647	8.20	255.882
10"	250mm	273.0	60.476	9.30	362.856
12"	300mm	323.8	79.628	10.30	477.768

American Standard (ASTM A53)

Table 2 – Dimensions and sectional properties of black and hot dipped zinc coated (galvanized) longitudinally welded steel pipes

Nominal Size Diameter		Outside Diameter	Mass	Wall Thickness	Weight per pc
inches	*mm*	*mm*	*kg/m*	*mm*	6m
14"	350mm	355.60	94.550	11.13	567.300
16"	400mm	406.40	123.300	12.70	739.800
18"	450mm	457.00	155.800	14.27	934.800
20"	500mm	508.00	183.420	15.09	1100.520
24"	600mm	610.00	255.410	17.48	1532.460

**28” (12mm Thick), 30” (12mm Thick), and 32” (12mm Thick) available upon request



ERW
Black and Galvanized Iron Pipe

Philippine National Standard PNS 26:2018

LIGHT GAUGE PIPES **Brand/s: TRI-R**

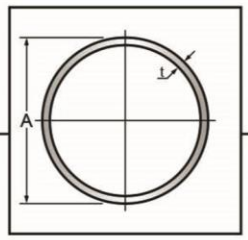
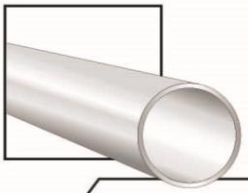


Table 1 – Dimensions and sectional properties of black and hot dipped zinc coated (galvanized) longitudinally welded steel pipes

Nominal Size Diameter		Outside Diameter	Mass	Wall Thickness	Weight per pc
inches	*mm*	*mm*	*kg/m*	*mm*	6m
1/2"	15mm	21.3	0.952	2.00	5.712
3/4"	20mm	26.7	1.384	2.30	8.304
1"	25mm	33.4	1.975	2.60	11.850
1-1/4"	32mm	42.2	2.539	2.60	15.234
1-1/2"	40mm	48.3	3.247	2.90	19.482
2"	50mm	60.3	4.105	2.90	24.630
2-1/2"	65mm	73.0	5.508	3.20	33.048
3"	80mm	88.9	6.763	3.20	40.578
4"	100mm	114.3	9.828	3.60	58.968
5"	125mm	141.3	16.806	5.00	100.836
6"	150mm	168.3	20.135	5.00	120.810
8"	200mm	219.1	30.508	5.80	183.048
10"	250mm	273.0	43.358	6.60	260.148
12"	300mm	323.8	53.922	6.90	323.532

Other sizes not specified can be custom made

**14" (6mm Thick) available upon request



LIGHTWEIGHT STEEL TUBES

Philippine National Standard PNS 2145:2020

Lightweight Structural Steel Tubes **Brand/s: STRUX**

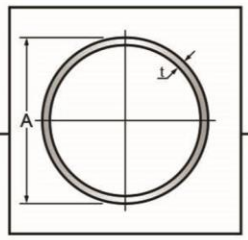
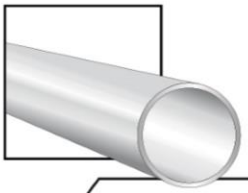


Table 1 – Dimensions and sectional properties of black and galvanized longitudinally welded lightweight steel tubes

Nominal Size Diameter		Outside Diameter, mm		Mass	Wall Thickness, *mm*		Weight per pc
inches	*mm*	Min.	Max.	*kg/m*	Min.	Max.	6m
1/2"	15mm	20.5	21.7	0.657	1.40	1.55	3.942
3/4"	20mm	25.9	27.1	0.843	1.40	1.55	5.058
1"	25mm	32.6	33.8	1.238	1.62	1.80	7.428
1-1/4"	32mm	41.4	42.6	1.673	1.71	1.90	10.038
1-1/2"	40mm	47.5	48.7	1.932	1.71	1.90	11.592
2"	50mm	59.7	60.9	2.570	1.80	2.00	15.420
2-1/2"	65mm	72.3	73.7	4.262	2.48	2.75	25.572
3"	80mm	88.0	89.8	5.220	2.48	2.75	31.320
4"	100mm	113.2	115.4	6.758	2.48	2.75	40.548

Other sizes not specified can be custom made

**5”, 6”, 8”, and 10” available upon request



SEAMLESS
Black and Galvanized Iron Pipe

ASTM A-53 / API5L / A106

Schedule 40 **Brand/s: REGAN**

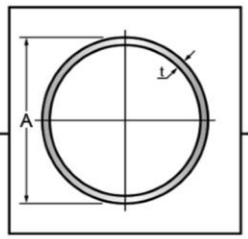
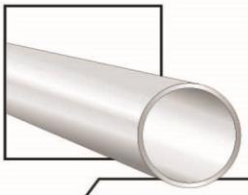


Table 1 – Dimensions and sectional properties of black and hot dipped zinc coated (galvanized) seamless pipes

Nominal Size Diameter		Outside Diameter	Mass	Wall Thickness	Weight per pc
inches	*mm*	*mm*	*kg/m*	*mm*	6m
3/8"	10mm	17.145	0.850	2.311	5.1
1/2"	15mm	21.336	1.283	2.77	7.7
3/4"	20mm	26.67	1.750	2.87	10.5
1"	25mm	33.4	2.533	3.378	15.2
1-1/4"	32mm	42.2	3.433	3.56	20.6
1-1/2"	40mm	48.2	4.100	3.68	24.6
2"	50mm	60.3	5.517	3.91	33.1
2-1/2"	65mm	73	8.775	5.16	52.65
3"	80mm	88.9	11.467	5.49	68.8
3-1/2"	90mm	101.6	13.767	5.74	82.6
4"	100mm	114.3	16.333	6.02	98
5"	125mm	141.2	22.100	6.55	132.6
6"	150mm	168.8	28.667	7.11	172
8"	200mm	219.1	43.167	8.18	259
10"	250mm	273	61.300	9.27	367.8
12"	300mm	323.8	81.000	10.31	486
14"	350mm	355.6	96.133	11.13	576.8
16"	400mm	406.4	125.355	12.7	752.13
18"	450mm	457.2	158.500	14.27	951
20"	500mm	508.01	186.467	15.06	1118.8
24"	600mm	609.6	259.450	17.48	1556.7



SEAMLESS
Black and Galvanized Iron Pipe

ASTM A-53 / API5L / A106

Schedule 80 **Brand/s: REGAN**

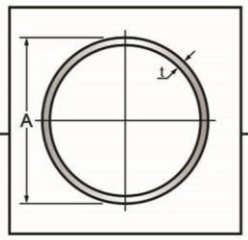
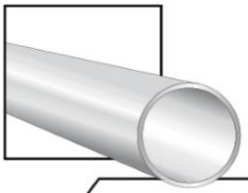


Table 1 – Dimensions and sectional properties of black and hot dipped zinc coated (galvanized) seamless pipes

Nominal Size Diameter		Outside Diameter	Mass	Wall Thickness	Weight per pc
inches	*mm*	*mm*	*kg/m*	*mm*	6m
3/8"	10mm	17.145	1.117	3.20	6.70
1/2"	15mm	21.336	1.650	3.73	9.90
3/4"	20mm	26.67	2.217	3.91	13.30
1"	25mm	33.4	3.267	4.55	19.60
1-1/4"	32mm	42.2	4.533	4.85	27.20
1-1/2"	40mm	48.2	5.483	5.08	32.90
2"	50mm	60.3	7.583	5.54	45.50
2-1/2"	65mm	73	11.583	7.01	69.50
3"	80mm	88.9	15.483	7.62	92.90
3-1/2"	90mm	101.6	19.000	8.08	114.00
4"	100mm	114.3	22.650	8.56	135.90
5"	125mm	141.2	31.417	9.52	188.50
6"	150mm	168.8	43.167	10.97	259.00
8"	200mm	219.1	65.600	12.70	393.60
10"	250mm	273	97.333	15.09	584.00
12"	300mm	323.8	133.917	17.48	803.50
14"	350mm	355.6	160.733	19.00	964.40
16"	400mm	406.4	206.917	21.44	1241.50
18"	450mm	457.2	265.167	23.88	1591.00
20"	500mm	508.01	311.175	26.19	1867.05



SEAMLESS
Black and Galvanized Iron Pipe

ASTM A-53 / API5L / A106

Schedule 160 **Brand/s: REGAN**

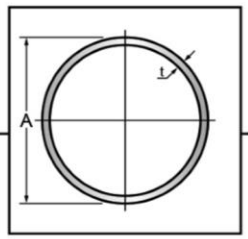
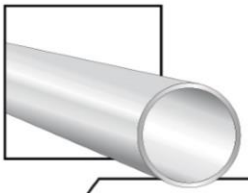


Table 1 – Dimensions and sectional properties of black and hot dipped zinc coated (galvanized) seamless pipes

Nominal Size Diameter		Outside Diameter	Mass	Wall Thickness	Weight per pc
inches	*mm*	*mm*	*kg/m*	*mm*	6m
1/2"	15mm	21.336	1.967	4.749	11.8
3/4"	20mm	26.67	2.933	5.537	17.6
1"	25mm	33.4	4.300	6.35	25.8
1-1/4"	32mm	42.2	5.700	6.35	34.2
1-1/2"	40mm	48.2	7.367	7.14	44.2
2"	50mm	60.3	11.300	8.74	67.8
2-1/2"	65mm	73	15.133	9.52	90.8
3"	80mm	88.9	21.667	11.13	130
4"	100mm	114.3	34.067	13.49	204.4
5"	125mm	141.2	49.833	15.88	299
6"	150mm	168.8	68.633	18.26	411.8
8"	200mm	219.1	113.067	23.01	678.4
10"	250mm	273	175.067	28.58	1050.4
12"	300mm	323.8	242.533	33.32	1455.2



SPIRAL WELDED PIPE

ASTM A-139 | ASM A-252 | AWWA C 200

Brand/s: REGAN

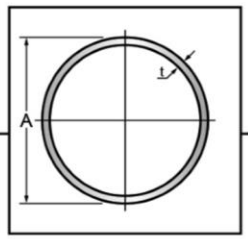
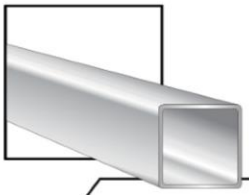


Table 1 – Dimensions and sectional properties of black spiral welded steel pipes

Nominal Diameter	Outside Diameter	Wall Thickness									
		mm									
mm	*mm*	3.20	4.76	6.35	7.95	9.53	12.70	16.00	19.00	22.00	25.00
150mm	168	■	■	■							
200mm	219	■	■	■	■						
250mm	274	■	■	■	■	■					
300mm	324	■	■	■	■	■	■				
350mm	356	■	■	■	■	■	■				
400mm	406	■	■	■	■	■	■				
450mm	457	■	■	■	■	■	■				
500mm	508	■	■	■	■	■	■				
600mm	610	■	■	■	■	■	■				
700mm	711		■	■	■	■	■	■			
800mm	813		■	■	■	■	■	■	■		
900mm	914			■	■	■	■	■	■		
1000mm	1016			■	■	■	■	■	■	■	
1100mm	1118				■	■	■	■	■	■	
1200mm	1219				■	■	■	■	■	■	
1500mm	1524				■	■	■	■	■	■	■
1600mm	2032					■	■	■	■	■	■
2250mm	2286					■	■	■	■	■	■
2500mm	2540					■	■	■	■	■	■
2750mm	2794						■	■	■	■	■
3000mm	3048						■	■	■	■	■
3300mm	3353							■	■	■	■
3500mm	3607							■	■	■	■
3800mm	3861							■	■	■	■

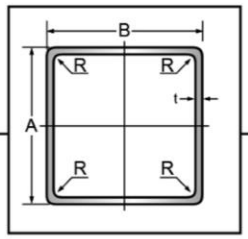
Other sizes not specified can be custom made



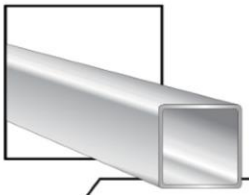
SQUARE TUBE

ASTM A-500 Gr. B / Q235

Table 1 :
Dimensions and sectional properties of tubulars



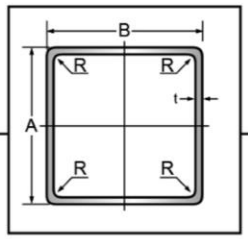
Size		Thickness	Mass	Weight per pc
inches	*mm*	*mm*	*kg/m*	6m
1/2 x 1/2	12.7 x 12.7	0.90	0.365	2.188
		1.20	0.486	2.917
		1.50	0.608	3.647
5/8 x 5/8	15.9 x 15.9	0.70	0.355	2.127
		0.90	0.456	2.735
		1.20	0.608	3.647
3/4 x 3/4	19 x 19	0.70	0.425	2.553
		0.90	0.547	3.282
		1.20	0.729	4.376
		1.50	0.912	5.470
		2.00	1.216	7.293
1 x 1	25 x 25	0.70	0.567	3.403
		0.90	0.729	4.376
		1.20	0.972	5.834
		1.50	1.216	7.293
		2.00	1.621	9.724
		3.00	2.431	14.586
1-1/4 x 1-1/4	31.8 x 31.8	0.70	0.709	4.254
		0.90	0.912	5.470
		1.20	1.216	7.293
		1.50	1.519	9.116
		2.00	2.026	12.155
1-1/2 x 1-1/2	38 x 38	0.70	0.851	5.105
		0.90	1.094	6.564
		1.20	1.459	8.752
		1.50	1.823	10.940
		2.00	2.431	14.586
		2.60	3.160	18.962
		3.00	4.862	29.170
		4.00	4.862	29.172
2 x 2	50 x 50	0.70	1.134	6.8068
		0.90	1.459	8.7516
		1.20	1.945	11.6688
		1.50	2.431	14.586
		2.00	3.241	19.448
		2.60	4.214	25.2824
		3.00	4.862	29.172
		4.00	6.483	38.896
		6.00	9.724	58.344



SQUARE TUBE

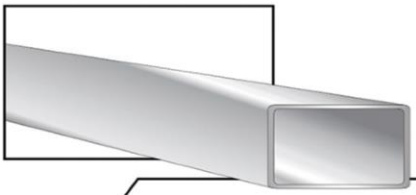
ASTM A-500 Gr. B / Q235

Table 1 :
Dimensions and sectional properties of tubulars



Size		Thickness	Mass	Weight per pc
inches	*mm*	*mm*	*kg/m*	6m
2-1/2 x 2-1/2	60 x 60	1.50	3.039	18.2325
		2.00	4.052	24.31
3 x 3	75 x 75	1.50	3.647	21.879
		2.00	4.862	29.172
		3.00	7.293	43.758
		4.00	9.724	58.344
		6.00	14.586	87.516
		8.00	19.448	116.688
4 x 4	100 x 100	2.00	6.483	38.896
		3.00	9.724	58.344
		4.00	12.965	77.792
		6.00	19.448	116.688
		8.00	25.931	155.584
6 x 6	150 x 150	3.00	14.586	87.516
		4.00	19.448	116.688
		6.00	29.172	175.032
		8.00	38.896	233.376
8 x 8	200 x 200	3.00	19.448	116.688
		4.00	25.931	155.584
		6.00	38.896	233.376
		8.00	51.861	311.168
		9.00	58.344	350.064
		10.00	64.827	388.96
		12.00	77.792	466.75
10 x 10	250 x 250	12.00	97.240	583.44
12 x 12	300 x 300	9.50	92.378	554.27

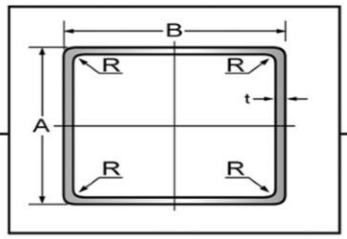
Other sizes not specified can be custom made



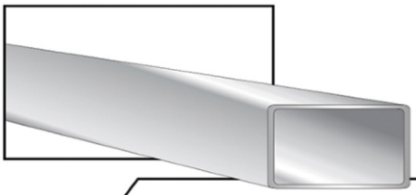
RECTANGULAR TUBE

ASTM A-500 Gr. B / Q235

Table 1 :
Dimensions and sectional properties of tubulars



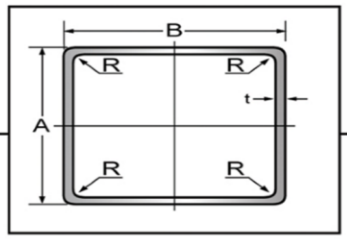
Size		Thickness	Mass	Weight per pc
inches	*mm*	*mm*	*kg/m*	6m
3/4 x 1-1/2	19 x 38	0.70	0.636	3.819
		0.90	0.818	4.910
		1.20	1.091	6.546
		1.50	1.364	8.183
		2.00	1.818	10.911
		3.00	2.728	16.366
3/4 x 2	19 x 50	1.20	1.321	7.925
		1.50	1.651	9.906
		2.00	2.201	13.208
1 x 2	25 x 50	0.70	0.837	5.025
		0.90	1.093	6.560
		1.20	1.436	8.614
		1.50	1.795	10.767
		2.00	2.393	14.356
		3.00	3.589	21.534
1 x 3	25 x 75	1.50	2.393	14.356
		2.00	3.190	19.142
1-1/2 x 2	40 x 50	1.20	1.723	10.337
		1.50	2.153	12.921
		2.00	2.871	17.228
		2.60	3.733	22.396
		3.00	4.307	25.841
1-1/2 x 3	40 x 75	1.50	2.752	16.510
		2.00	3.669	22.013
		3.00	5.503	33.019
2 x 3	50 x 75	1.20	2.393	14.356
		1.50	2.991	17.945
		2.00	3.988	23.927
		2.60	5.184	31.105
		3.00	5.982	35.891
		4.00	7.976	47.854
		6.00	11.964	71.781



RECTANGULAR TUBE

ASTM A-500 Gr. B / Q235

Table 1 :
Dimensions and sectional properties of tubulars



Size		Thickness	Mass	Weight per pc
inches	*mm*	*mm*	*kg/m*	6m
2 x 4	50 x 100	1.20	2.871	17.228
		1.50	3.589	21.534
		2.00	4.785	28.713
		2.60	6.221	37.326
		3.00	7.178	43.069
		4.00	9.571	57.425
		6.00	14.356	86.138
2 x 5	50 x 125	3.00	8.508	51.050
2 x 6	50 x 150	1.20	3.828	22.970
		1.50	4.785	28.713
		2.00	6.381	38.283
		2.60	8.295	49.769
		3.00	9.571	57.425
		4.00	12.761	76.567
		5.00	16.207	97.240
		6.00	19.142	114.850
2 x 8	50 x 200	2.60	10.128	60.770
		3.00	12.155	72.930
		4.00	16.207	97.240
3 x 5	75 x 125	4.00	12.761	76.567
3 x 6	75 x 150	4.00	14.356	86.138
		6.00	21.534	129.207
4 x 6	100 x 150	2.60	10.368	62.211
		3.00	11.964	71.781
		4.00	15.951	95.709
		6.00	23.927	143.563
4 x 8	100 x 200	2.60	12.442	74.653
		4.00	19.142	114.850
		6.00	28.713	172.276
		8.00	38.283	229.701
		9.00	43.069	258.413
		10.00	48.620	291.720
4 x 10	100 x 250	6.00	34.033	204.200

Other sizes not specified can be custom made

PLATES & COILS

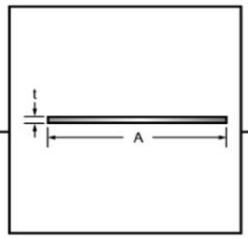
SERVICING NATIONWIDE

LUZON • VISAYAS • MINDANAO

MILD STEEL PLATE

Hot Rolled Sheet and Coil - American Standard (ASTM)

Table 1 :
Dimensions and sectional properties of Mild Steel Plate

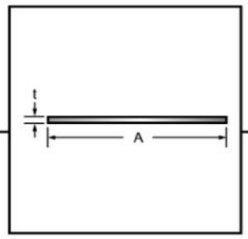


Size		Width x Length			
Thickness		4 ft x 8 ft	5 ft x 20 ft	6 ft x 20 ft	8 ft x 20 ft
Fraction	mm	*Weight,* kg			
1/16"	1.20	28.01	87.51	-	-
	1.40	31.51	102.10	-	-
	1.50	35.01	109.39	-	-
	1.80	42.01	131.27	-	-
	1.90	44.34	138.57	-	-
1/8"	2.00	46.68	145.86	-	-
	2.20	51.34	160.44	-	-
	2.30	53.68	167.73	-	-
	2.40	56.01	175.03	-	-
	2.50	58.34	182.32	-	-
	2.60	60.68	-	-	-
	2.70	63.01	-	-	-
	2.80	65.35	204.20	-	-
	2.90	67.68	-	-	-
3/16"	3.00	70.01	218.79	-	-
	3.20	74.68	233.37	-	-
	3.40	79.35	247.96	-	-
	3.50	81.68	255.25	-	-
	3.70	86.35	-	-	-
	3.80	88.68	277.13	-	-
	4.00	93.35	291.72	350.06	-
	4.20	98.02	-	-	-
	4.30	100.35	313.59	-	-
	4.50	105.02	328.18	393.82	-
	4.70	109.69	-	-	-
	4.80	112.02	347.36	416.58	-
1/4"	5.00	116.69	364.65	437.58	-
	5.20	121.36	-	-	-
	5.30	123.69	386.52	-	-
	5.50	128.36	401.11	481.34	-
	5.70	133.02	-	-	-
	5.80	135.36	-	-	-
	6.00	140.03	437.58	525.10	700.13
	6.30	147.03	459.45	551.35	735.13
	6.50	151.69	-	-	-

MILD STEEL PLATE

Hot Rolled Sheet and Coil - American Standard (ASTM)

Table 1 :
Dimensions and sectional properties of Mild Steel Plate

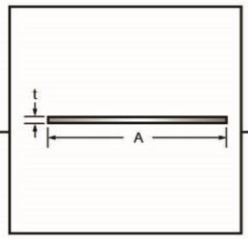


Size		Width x Length			
Thickness		4 ft x 8 ft	5 ft x 20 ft	6 ft x 20 ft	8 ft x 20 ft
Fraction	mm	*Weight,* kg			
5/16"	7.00	163.36	510.50	612.61	-
	7.50	175.03	532.38	656.37	875.16
	7.80	182.03	-	-	-
3/8"	8.00	186.70	583.44	700.13	933.5
	8.50	198.37	619.90	743.89	-
	8.70	203.04	-	-	-
	9.00	210.04	656.37	787.64	1050.19
	9.50	221.71	692.83	831.40	1108.54
	9.70	226.37	-	-	-
	9.80	228.71	-	-	-
	10.00	233.38	729.30	875.16	1166.88
	10.50	245.04	-	-	-
	10.80	252.04	-	-	-
1/2"	11.00	256.71	802.22	962.68	1283.57
	11.50	268.38	-	-	-
	11.80	275.38	-	-	-
	12.00	280.05	875.16	1050.19	1400.26
5/8"	14.00	326.73	1021.01	1225.22	1633.63
	15.00	350.06	1093.94	1312.74	1750.32
	16.00	373.40	1166.86	1400.26	1867.01
3/4"	17.00	396.74	1239.79	1487.77	1983.7
	18.00	420.08	1312.72	1575.29	2100.38
	19.00	443.41	1385.65	1662.8	2217.07
7/8"	20.00	466.75	-	1750.32	2333.76
	22.00	513.43	1604.44	1925.35	2567.14
1"	24.00	560.10	1750.30	2100.38	2800.51
	25.00	583.44	1823.23	2187.90	2917.2
1-1/8"	28.00	653.45	2042.01	2450.45	3267.26
1-1/4"	30.00	700.13	2187.87	2625.48	3500.64
	32.00	746.80	2333.73	2800.51	3734.02
1-5/8"	35.00	816.82	2552.52	3063.06	4084.08
	36.00	840.15	-	-	4200.77
1-1/2"	38.00	886.83	2771.30	3325.61	4434.14
1-5/8"	40.00	933.50	2917.16	3500.64	4667.52
1-3/4"	45.00	1050.19	3281.81	3938.22	5250.96

MILD STEEL PLATE

Hot Rolled Sheet and Coil - American Standard (ASTM)

Table 1 :
Dimensions and sectional properties of Mild Steel Plate

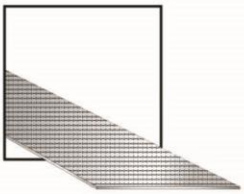


Size		Width x Length			
Thickness		4 ft x 8 ft	5 ft x 20 ft	6 ft x 20 ft	8 ft x 20 ft
Fraction	mm	*Weight,* kg			
2"	50.00	1166.88	3646.45	4375.80	5834.40
2-1/2"	60.00	1400.26	-	5250.96	
	63.00	1470.27	4594.53	5513.51	7351.34
3"	75.00	1750.32	5469.68	6563.70	8751.60
3-1/2"	90.00	2100.38	-	7876.44	10502.00
4"	100.00	2333.76	7292.90	8751.60	11668.80

Other sizes not specified can be custom made

We also supply the following special grade of steel plates.

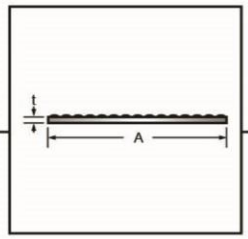
- ABS (American Bureau of Shipping)
- German Lloyds
- A572 - Gr. 50 (4', 6', 8' width or custom made sizes)
- A283 Gr. C
- AR Plates
- Corten Plates
- A709 (*weathering*) - custom made sizes



CHECKERED PLATE

Hot Rolled Sheet and Coil - American Standard (ASTM)

Table 1 :
Dimensions and sectional properties of Checkered Plate

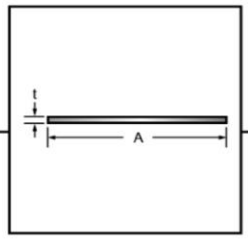


Size		Width x Length
Thickness		4 ft x 8 ft
Fraction	mm	*Weight*, kg
1/16"	1.8mm	42
1/8"	2.0mm	46.6752
	2.3mm	53.67648
	2.5mm	58.344
	2.8mm	65.34528
3/16"	3.0mm	70.0128
	3.5mm	81.6816
	3.7mm	86.34912
	4.0mm	93.3504

Size		Width x Length
Thickness		4 ft x 8 ft
Fraction	mm	*Weight*, kg
3/16"	4.5mm	105.0192
	4.7mm	109.6867
1/4"	5.0mm	116.688
	5.5mm	128.3568
	6.0mm	140.0256
3/8"	8.0mm	186.7008
	10.0mm	233.376
1/2"	12.0mm	280.0512

COLD ROLLED SHEET AND COIL

Table 1 :
Dimensions and sectional properties Cold rolled sheet and coil

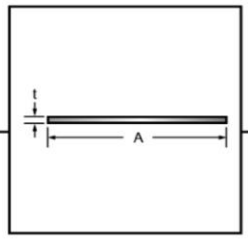


Size		Width x Length
Thickness		4 ft x 8 ft
Gauge	mm	*Weight,* kg
#26	0.4	9.34
	0.45	10.5
	0.5	11.67
	0.55	12.84
#24	0.6	14
	0.65	15.17
#22	0.7	16.34
	0.75	17.5
	0.8	18.67
	0.85	19.84
#20	0.9	21
	0.95	22.17
#18	1	23.34

Size		Width x Length
Thickness		4 ft x 8 ft
Gauge	mm	*Weight,* kg
#18	1.05	24.5
	1.1	25.67
	1.15	26.84
	1.2	28
	1.3	30.34
	1.35	31.51
#16	1.4	32.67
	1.45	33.84
	1.5	35
#14	1.6	37.34
	1.8	42
	2	46.67
	2.5	58.34

GALVANIZED IRON SHEET

Table 1 :
Dimensions and sectional properties Cold rolled sheet and coil



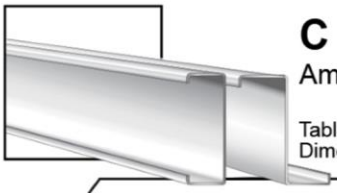
Size		Width x Length
Thickness		4 ft x 8 ft
Gauge	mm	*Weight,* kg
#26	0.4mm	9.34
	0.5mm	11.67
#24	0.6mm	14
#22	0.7mm	16.34
	0.8mm	18.67
#20	0.9mm	21
#18	1.0mm	23.34

Size		Width x Length
Thickness		4 ft x 8 ft
Gauge	mm	*Weight,* kg
#18	1.15mm	26.84
	1.2mm	28
#16	1.4mm	32.67
	1.5mm	35
	1.9mm	44.34
#14	2.0mm	46.67
	2.5mm	58.34

PURLINS

SERVICING NATIONWIDE

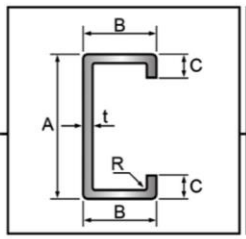
LUZON • VISAYAS • MINDANAO

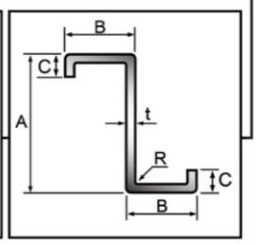


C & Z PURLINS

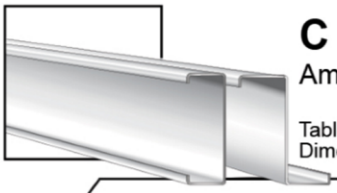
American Standard (ASTM)

Table 1 :
Dimensions and sectional properties of C & Z Purlins





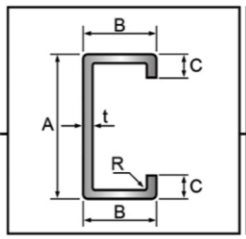
Dimensions				Mass	Weight per
Height	Width	Lip	Thickness		
inches	*inches*	*inches*	*mm*	kg/m	6m
3"	1-1/2"	1/2"	0.65	0.83	5.00
			0.70	0.90	5.38
			0.80	1.01	6.03
			0.90	1.13	6.78
			1.00	1.26	7.54
			1.05	1.32	7.91
			1.10	1.38	8.29
			1.20	1.51	9.04
			1.35	1.70	10.17
			1.50	1.88	11.30
			1.80	2.26	13.56
			2.00	2.51	15.07
3"	2"	1/2"	0.65	0.96	5.78
			0.70	1.04	6.22
			0.80	1.15	6.9
			0.90	1.29	7.76
			1.00	1.44	8.62
			1.05	1.51	9.05
			1.10	1.58	9.48
			1.20	1.69	10.15
			1.30	1.83	11
			1.35	1.94	11.64
			1.50	2.16	12.93
			1.80	2.59	15.51
			1.90	2.65	15.9
			2.00	2.87	17.24
4"	2"	1/2"	0.65	1.04	6.25
			0.70	1.12	6.73
			0.80	1.26	7.54
			0.90	1.41	8.48
			1.00	1.57	9.42
			1.05	1.65	9.89
			1.10	1.73	10.4
			1.20	1.88	11.3
			1.35	2.12	12.72
			1.50	2.32	13.9
			1.80	2.73	16.4
			2.00	3.03	18.2

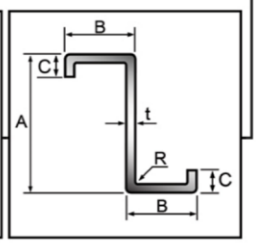


C & Z PURLINS

American Standard (ASTM)

Table 1 :
Dimensions and sectional properties of C & Z Purlins





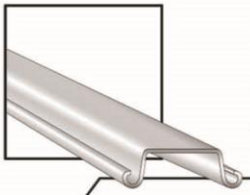
Dimensions				Mass	Weight per
Height	Width	Lip	Thickness		
inches	*inches*	*inches*	*mm*	kg/m	6m
6"	2"	1/2"	0.65	1.30	7.81
			0.70	1.45	8.70
			0.80	1.58	9.50
			0.90	1.80	10.77
			1.00	1.99	11.96
			1.05	2.09	12.56
			1.10	2.19	13.16
			1.15	2.19	13.16
			1.20	2.39	14.36
			1.35	2.64	15.85
			1.50	2.93	17.60
			1.70	3.39	20.33
			1.80	3.72	22.30
			1.90	3.96	23.75
			2.00	4.15	24.90
7"	2"	1/2"	0.65	1.46	8.74
			0.70	1.57	9.42
			0.80	1.78	10.70
			0.90	1.97	11.82
			1.00	2.22	13.30
			1.05	2.33	14.00
			1.10	2.50	15.00
			1.20	2.67	16.00
			1.35	2.96	17.75
			1.50	3.32	19.90
			1.70	3.94	23.65
			1.80	4.07	24.40
			1.90	4.38	26.28
			2.00	4.53	27.20

Other sizes not specified can be custom made

SHEET PILE

SERVICING NATIONWIDE

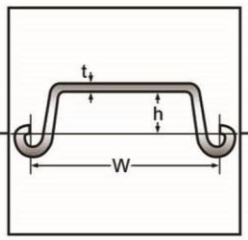
LUZON • VISAYAS • MINDANAO



Sheet Pile U-Type

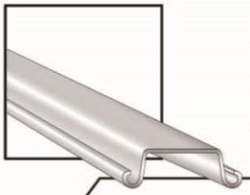
Japanese Standard (JIS) | Hot & Cold Rolled

Table 1 :
Dimensions and sectional properties of Sheet Pile



COLD ROLLED

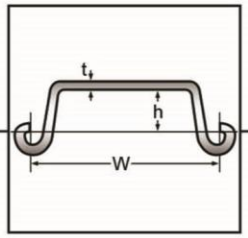
Section	Dimensions				Mass		Moment of inertia	Modulus of section
	Width	Height	Thickness		Per pile	Wall		
	w	h	t	s				
	mm	mm	mm	mm	kg/m	kg/m^2	cm^4/m	cm^3/m
RSPU 5-1	600	150	8.5	8.5	56.4	94	3810	518
RSPU 5-2	600	150	9.5	9.5	63.9	106.5	4172	564
RSPU 5-3	400	210	6	6	32.8	82	5631	545
RSPU 6-1	600	180	8.5	8.5	58.9	98.2	5474	616
RSPU 6-2	600	280	6	6	42.2	70.3	9048	655
RSPU 6-3	600	309	6	6	41.9	69.9	10015	657
RSPU 7-1	600	300	6	6	43.7	72.9	10518	710
RSPU 7-2	600	340	6	6	44.7	74.6	13283	790
RSPU 7-3	600	310	6.4	6.4	44.1	73.5	10549	690
RSPU 7-4	600	320	6.5	6.5	46.3	77.1	11882	751
RSPU 7-5	600	325	6.5	6.5	47.2	79.1	15550	781
RSPU 8-1	600	360	6	6	45.2	75.4	14759	829
RSPU 8-2	600	340	6.5	6.5	48.1	80.2	14898	885
RSPU 8-3	600	325	7	7	51.8	86.3	14268	886
RSPU 8-4	750	320	6	6	51.3	68.4	13035	823
RSPU 8-5	600	320	7	7	48.5	80.9	12348	780
RSPU 8-6	600	325	7.3	7.3	50.8	84.6	13365	831
RSPU 9-1	600	360	6.5	6.5	49.5	82.5	17370	974
RSPU 9-2	600	330	7.5	7.5	54.5	90.9	15323	937
RSPU 9-3	750	320	7	7	59.9	79.9	14517	916
RSPU 9-4	600	355	7	7	52.6	87.7	16833	957
RSPU 10-1	600	300	7	7	53.9	89.8	19088	1041
RSPU 10-2	600	310	9	9	66.7	111.2	16066	1045
RSPU 11-1	600	380	7.5	7.5	58.1	96.8	22323	1184
RSPU 11-2	600	360	8	8	62	103.3	20105	1125
RSPU 11-3	600	400	7	7	55.3	92.2	23726	1195
RSPU 11-4	575	360	8	8	60.4	105	19900	1114
RSPU 11-5	600	310	9.5	9.5	70.1	116.8	17170	1116
RSPU 12-1	600	380	8.5	8.5	66.1	110.2	22946	1216
RSPU 12-2	500	360	8	8	56.5	113	20711	1160
RSPU 12-3	700	440	7.5	7.5	64.2	90.9	26988	1235
RSPU 12-4	600	360	9	9	69.6	116	22680	1269
RSPU 12-5	450	360	9.5	9.5	64.3	142.9	24940	1394
RSPU 12-6	600	360	8.5	8.5	66.1	110.2	21610	1210
RSPU 13-1	675	420	7.5	7.5	65.6	97	28941	1388
RSPU 13-2	600	310	10	10	77.2	128.7	19562	1270



Sheet Pile U-Type

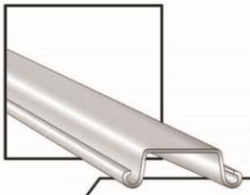
Japanese Standard (JIS) | Hot & Cold Rolled

Table 1 :
Dimensions and sectional properties of Sheet Pile



COLD ROLLED

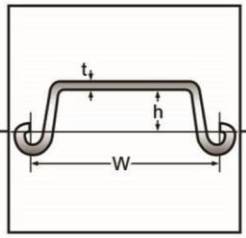
Section	Dimensions				Mass		Moment of inertia	Modulus of section
	Width	Height	Thickness		Per pile	Wall		
	w	h	t	s				
	mm	mm	mm	mm	kg/m	kg/m^2	cm^4/m	cm^3/m
RSPU 13-3	500	355	8.5	8.5	60.7	121.4	21826	1239
RSPU 13-4	700	440	8	8	69.6	99.4	28775	1317
RSPU 13-5	700	400	10	10	87.8	125.4	31022	1560
RSPU 13-6	500	340	10	10	70.7	141.4	22205	1315
RSPU 13-7	600	360	10	10	77	128.3	23124	1293
RSPU 13-8	575	360	10	10	75	130.4	22796	1275
RSPU 13-9	400	290	11.5	11.5	73.4	183.5	19556	1357
RSPU 13-10	600	408	7.5	7.5	60	100	26115	1289
RSPU 13-11	600	400	8	8	65.3	108.8	26730	1345
RSPU 14-1	750	445	8	8	74.2	98.9	31812	1439
RSPU 14-2	675	435	8	8	70.5	104.5	31599	1461
RSPU 14-3	750	408	8.5	8.5	77.9	103.8	29065	1434
RSPU 14-4	600	430	8	8	64.3	107.1	30283	1417
RSPU 15-1	675	420	8.5	8.5	75.3	111.6	31954	1530
RSPU 15-2	500	360	10	10	72.1	144.2	25830	1444
RSPU 15-3	600	422	8.2	8.2	68.7	114.5	32643	1556
RSPU 16-1	750	440	9	9	84.5	112.7	35670	1630
RSPU 16-2	400	395	9	9	62.2	155.5	31792	1618
RSPU 16-3	600	420	9	9	75.1	125.1	33926	1625
RSPU 16-4	700	450	9	9	81.4	116.2	36797	1645
RSPU 16-5	650	480	8	8	72.3	111.2	40518	1697
RSPU 16-6	750	411	9.3	9.3	86.3	115	33240	1626
RSPU 16-7	600	430	8.5	8.5	72.6	121	35940	1680
RSPU 17-1	750	430	9.5	9.5	89.1	118.8	37104	1734
RSPU 17-2	500	340	11.5	11.5	86.7	173.4	28267	1672
RSPU 17-3	650	500	8	8	71.5	110	41207	1657
RSPU 17-4	600	460	8.5	8.5	72.5	120.8	38309	1675



Sheet Pile U-Type

Japanese Standard (JIS) | Hot & Cold Rolled

Table 1 :
Dimensions and sectional properties of Sheet Pile



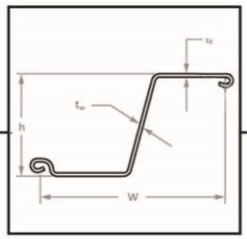
HOT ROLLED

Section	Dimensions			Sectional Area	Mass		Moment of inertia	Modulus of section
	Width	Height	Thickness		Per pile	Wall		
	w	h	t					
	mm	mm	mm	cm²/pile	kg/m	kg/m²	cm⁴/m	cm³/m
I^A	400	85	8	45.21	35.5	88.8	4500	529
II	400	100	10.5	61.2	48	120	8740	874
II^A	400	120	9.2	55.01	43.2	108	10600	880
III	400	125	13	76.4	60	150	16800	1340
III^A	400	150	13.1	74.4	58.4	146	22800	1520
IV	400	170	15.5	97	76.1	190	38600	2270
IV^A	400	185	16.1	94.21	74	185	41600	2250
V^L	500	200	24.3	133.8	105	210	63000	3150
VI^L	500	225	27.6	153	120	240	86000	3820
II^W	600	130	10.3	78.7	61.8	103	13000	1000
III^W	600	180	13.4	104	81.6	136	32400	1800
IV^W	600	210	18	135.3	106	177	56700	2700

Sheet Pile Z-Type

Japanese Standard (JIS) | Hot Rolled

Table 1 :
Dimensions and sectional properties of Sheet Pile

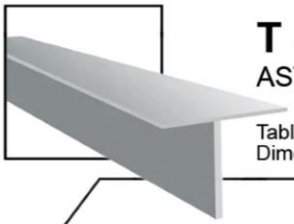


Section	Width w	Height h	Thickness Flange/Web	Section Area	Weight	Weight	Moment of Inertia	Section Modulus
	mm	mm	mm	cm2	kg/m	kg/m2	cm4/m	cm3/m
MHZ12-1	770	343.5	8.6/8.5	120.8	72.8	94.5	21496	1252
MHZ13-1	770	344	9.1/9	126.5	76.2	99	22433	1304
MHZ14-1	770	344.5	9.6/9.5	132.2	79.6	103.4	23370	1357
MHZ17-1	700	420	8.5/8.4	132.8	73.3	104.7	36425	1735
MHZ18-1	700	420.5	9.1/9	139.1	76.7	109.6	38001	1807
MHZ19-1	700	421	9.6/9.5	145.4	80.2	114.6	39578	1880
MHZ20-1	700	421.5	10.1/10	151.7	83.7	119.5	41155	1953
MHZ24-2	700	459.2	11.3/11.2	174.4	95.8	136.9	55949	2437
MHZ26-2	700	460.2	12.3/12.2	187.4	103	147.1	59843	2601
MHZ27-1	700	460.7	12.8/12.7	193.6	106.4	152	61641	2676
MHZ28-2	700	461.2	13.3/13.2	200.4	110.1	157.3	63740	2764
MHZ36-1	700	499.2	15.1/11.2	216.1	118.7	169.6	89753	3596
MHZ38-1	700	500.2	16.1/12.2	230.2	126.5	180.7	94984	3798
MHZ40-1	700	501.2	17.1/13.2	244.4	134.3	191.8	100219	3999
MHZ42-1	700	499.2	18.1/14	260.2	143	204.2	105453	4228
MHZ44-1	700	500.2	19.1/15	274.3	150.7	215.3	110942	4436
MHZ46-1	700	501.2	20.1/16	288.5	158.5	226.5	116159	4635
MHZ48-1	700	503.2	22.1/15	290	159.3	227.6	120467	4788
MHZ48-2	580	482	19.2/15.1	307.2	139.9	241.1	115712	4801
MHZ50-1	700	504.2	23.1/16	303.4	166.7	238.2	125358	4973
MHZ52-1	700	505.2	24.1/17	317.2	174.3	249	130403	5162

T-BEAM

SERVICING NATIONWIDE

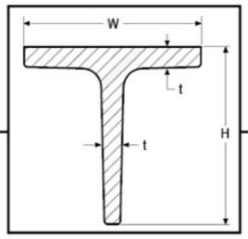
LUZON • VISAYAS • MINDANAO



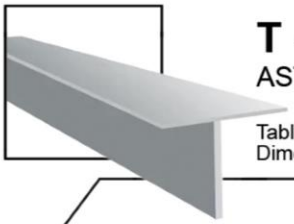
T - BEAM

ASTM A572 Gr. 50 and ASTM A992 - *for Special Order*

Table 1 :
Dimensions and sectional properties of Wide flange



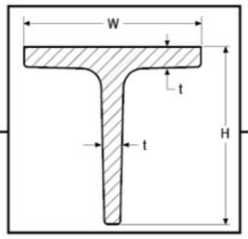
Size	Mass	Dimensions				Weight per	
		Thickness		*Height*	*Flange Width*		
inches	lbs/ft	*Web* mm	*Flange* mm	inches	inches	6m	12m
2 x 4	6.5	6.00	8.76	2"	4"	59.09	118.17
2.5 x 5	8	6.10	9.14	2.5"	5"	72.72	145.44
	9.5	6.86	10.92			86.36	172.71
3 x 4	4.5	4.32	5.46	3"	4"	40.91	81.81
	6	5.84	7.11			54.54	109.08
	8	6.60	10.29			72.72	145.44
3 x 6	7.5	5.81	6.60	3"	6"	68.18	136.35
	10	6.60	9.27			90.90	181.80
	12.5	8.13	11.56			113.63	227.25
4 x 4	5	4.32	5.21	4"	4"	45.45	90.90
	6.5	5.84	6.48			59.09	118.17
	7.5	6.22	7.00			68.18	136.35
4 x 5-1/4	9	5.84	8.38	4"	5-1/4"	81.81	163.62
	10.5	6.40	10.40			95.45	190.89
4 x 6-1/2	12	6.22	10.16	4"	5-1/2"	109.08	218.16
	14	7.24	11.80			127.26	254.52
4 x 8	15.5	7.24	11.00	4"	8"	140.90	281.79
	17.5	7.87	12.57			159.08	318.15
	20	9.14	14.22			181.80	363.60
	24	10.20	17.40			218.16	436.32
	29	13.00	20.57			263.61	527.22
	33.5	14.50	23.75			304.52	609.03
5 x 4	6	4.83	5.33	5"	4"	54.54	109.08
	7.5	5.84	6.86			68.18	136.35
	8.5	6.10	8.36			77.27	154.53
	9.5	6.35	10.03			86.36	172.71
5 x 5-3/4	11	6.10	9.14	5"	5-3/4"	99.99	199.98
	13	6.60	11.18			118.17	236.34
	15	7.62	12.95			136.35	272.70
5 x 8	16.5	7.37	11.05	5"	8"	149.99	299.97
	19.5	8.00	13.46			177.26	354.51
	22.5	8.89	15.75			204.53	409.05



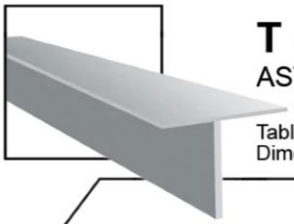
T - BEAM

ASTM A572 Gr. 50 and ASTM A992 - *for Special Order*

Table 1 :
Dimensions and sectional properties of Wide flange



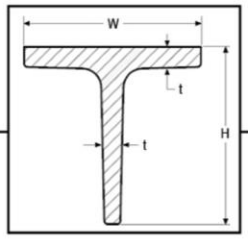
Size	Mass	Dimensions				Weight per	
		Thickness		*Height*	*Flange Width*		
inches	lbs/ft	*Web* mm	*Flange* mm	inches	inches	6m	12m
5 x 10	42	10.67	10.54	5"	10"	381.78	763.56
	48	11	11			436.32	872.64
	49	8.64	14.22			445.41	890.82
	54	9.4	15.62			490.86	981.72
	57	14.35	14.35			518.13	1036.26
	60	10.67	17.27			545.40	1090.80
	68	11.94	19.56			618.12	1236.24
	72	13	14			654.48	1308.96
	77	13.46	22.1			699.93	1399.86
	88	15.37	25.15			799.92	1599.84
	100	17.27	28.19			909.00	1818.00
	112	19.18	31.88			1018.08	2036.16
6 x 4	14	5.08	5.72	6"	4"	127.26	254.52
	16	5.59	6.73			145.44	290.88
	19	5.97	8.89			172.71	345.42
	22	6.6	10.8			199.98	399.96
6 x 6-1/2	26	5.85	9.65	6"	4"	236.34	472.68
	30	6.6	11.18			272.70	545.40
	31	6.7	11.8			281.79	563.58
	35	7.62	13.21			318.15	636.30
6 x 8	40	7.49	13.08	6"	8"	363.60	727.20
	45	8.51	14.6			409.05	818.10
	50	9.4	16.26			454.50	909.00
6 x 10	53	8.76	14.6	6"	10"	481.77	963.54
	58	9.14	16.26			527.22	1054.44
6 x 12	53	11.05	11.05	6"	12"	481.77	963.54
	63	13.08	13.08			572.67	1145.34
	65	9.91	15.37			590.85	1181.70
	72	10.92	17.02			654.48	1308.96
	74	15.48	15.37			672.66	1345.32
	79	11.94	18.48			718.11	1436.22
	84	17.4	17.4			763.56	1527.12
	87	13.08	20.57			790.83	1581.66
	92	13.84	21.74			836.28	1672.56
	96	13.97	22.86			872.64	1745.28



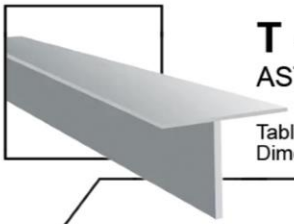
T - BEAM

ASTM A572 Gr. 50 and ASTM A992 - *for Special Order*

Table 1 :
Dimensions and sectional properties of Wide flange



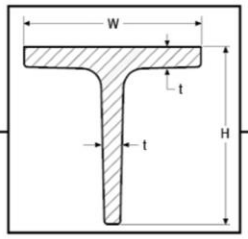
Size	Mass	Dimensions				Weight per	
		Thickness		*Height*	*Flange Width*		
inches	lbs/ft	*Web* mm	*Flange* mm	inches	inches	6m	12m
6 x 12	106	15.49	25.15	6"	12"	963.54	1927.08
	120	18.03	28.07			1090.80	2181.60
	136	20.07	31.75			1236.24	2472.48
	152	21.6	35.3			1381.68	2763.36
	170	24	39.5			1545.30	3090.60
	190	26.92	44			1727.10	3454.20
7 x 5	22	5.84	8.51	7"	5"	199.98	399.96
	26	6.48	10.67			236.34	472.68
7 x 6-3/4	30	6.86	9.78	7"	5"	272.70	545.40
	34	7.24	11.56			309.06	618.12
	38	7.87	13.08			345.42	690.84
7 x 8	43	7.75	13.46	7"	8"	390.87	781.74
	48	8.64	15.11			436.32	872.64
	53	9.4	16.76			481.77	963.54
7 x 10	61	9.52	16.38	7"	10"	554.49	1108.98
	68	10.54	18.29			618.12	1236.24
	74	11.43	19.94			672.66	1345.32
	82	12.95	21.72			745.38	1490.76
7 x 14-1/2	73	12.83	12.83	7"	14-1/2"	663.57	1327.14
	89	15.62	15.62			809.01	1618.02
	90	11.18	18.03			818.10	1636.20
	99	12.32	19.81			899.91	1799.82
	102	17.91	17.91			927.18	1854.36
	109	13.34	21.84			990.81	1981.62
	117	20.45	20.45			1063.53	2127.06
	120	14.99	23.88			1090.80	2181.60
	132	16.38	26.16			1199.88	2399.76
7 x 16	145	12.83	12.83	7"	16"	1318.05	2636.10
	146	15.62	15.62			1327.14	2654.28
	159	11.18	18.03			1445.31	2890.62
	176	12.32	19.81			1599.84	3199.68
	193	17.91	17.91			1754.37	3508.74
	211	13.34	21.84			1917.99	3835.98
	233	20.45	20.45			2117.97	4235.94
	257	14.99	23.88			2336.13	4672.26
	283	16.38	26.16			2572.47	5144.94



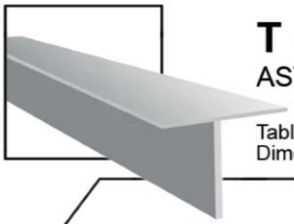
T - BEAM

ASTM A572 Gr. 50 and ASTM A992 - *for Special Order*

Table 1 :
Dimensions and sectional properties of Wide flange



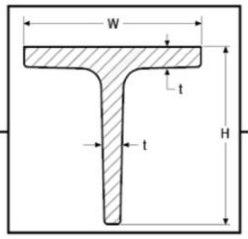
Size	Mass	Dimensions				Weight per	
		Thickness		*Height*	*Flange Width*		
inches	lbs/ft	*Web* mm	*Flange* mm	inches	inches	6m	12m
7 x 16	311	35.81	57.4	7"	16"	2826.99	5653.98
	342	39.12	62.74			3108.78	6217.56
	370	42.04	67.51			3363.30	6726.60
	398	44.96	72.21			3617.82	7235.64
8 x 5-1/2	26	6.35	8.76	8"	5-1/2"	236.34	472.68
	31	6.98	11.18			281.79	563.58
8 x 7	36	7.49	10.92	8"	7"	327.24	654.48
	40	7.75	12.83			363.60	727.20
	45	8.76	14.35			409.05	818.10
	50	9.65	16			454.50	909.00
	57	10.92	18.16			518.13	1036.26
8 x 10-1/4	67	10.03	16.89	8"	10-1/4"	609.03	1218.06
	77	11.56	19.3			699.93	1399.86
	89	13.33	22.22			809.01	1618.02
	100	14.86	25.02			909.00	1818.00
9 x 6	35	7.62	10.8	9"	6"	318.15	636.30
	40	8	13.34			363.60	727.20
	46	9.14	15.37			418.14	836.28
	50	9.02	14.48			454.50	909.00
	55	9.91	16.00			499.95	999.90
9 x 7-1/2	50	9.02	14.48	9"	7-1/2"	454.50	909.00
	55	9.91	16			499.95	999.90
	60	10.54	17.65			545.40	1090.80
	65	11.43	19.05			590.85	1181.70
	71	12.57	20.57			645.39	1290.78
9 x 11	76	10.8	17.27	9"	11"	690.84	1381.68
	86	12.19	19.56			781.74	1563.48
	97	13.59	22.1			881.73	1763.46
	106	14.99	23.88			963.54	1927.08
	119	16.64	26.92			1081.71	2163.42
	130	16.88	30.16			1181.70	2363.40
	143	18.5	33.5			1299.87	2599.74
	158	20.6	36.6			1436.22	2872.44
	175	22.6	40.4			1590.75	3181.50
	192	24.38	44.45			1745.28	3490.56



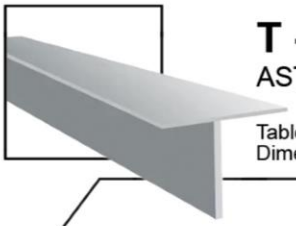
T - BEAM

ASTM A572 Gr. 50 and ASTM A992 - *for Special Order*

Table 1 :
Dimensions and sectional properties of Wide flange



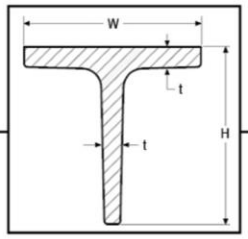
Size	Mass	Dimensions				Weight per	
		Thickness		*Height*	*Flange Width*		
inches	lbs/ft	*Web* mm	*Flange* mm	inches	inches	6m	12m
9 x 11	211	26.92	48.51	9"	11"	1917.99	3835.98
	234	29.46	53.59			2127.06	4254.12
10.5 x 6-1/2	44	8.89	11.43	10.5"	6-1/2"	399.96	799.92
	50	9.65	13.59			454.50	909.00
	57	10.29	16.51			518.13	1036.26
10.5 x 8-1/4	48	8.89	10.92	10.5"	8-1/4"	436.32	872.64
	55	8.6	13.6			499.95	999.90
	62	10.16	15.62			563.58	1127.16
	68	10.92	17.4			618.12	1236.24
	73	11.56	18.8			663.57	1327.14
	83	13.08	21.21			754.47	1508.94
	93	14.73	23.62			845.37	1690.74
10.5 x 12-1/4	101	12.7	20.32	10.5"	12-1/4"	918.09	1836.18
	111	13.97	22.22			1008.99	2017.98
	122	15.24	24.38			1108.98	2217.96
	132	16.51	26.29			1199.88	2399.76
	147	18.29	29.21			1336.23	2672.46
12 x 7	55	10.03	12.83	12"	7"	499.95	999.90
	62	10.92	14.99			563.58	1127.16
12 x 9	68	10.54	14.86	12"	9"	618.12	1236.24
	76	11.18	17.27			690.84	1381.68
	84	11.94	19.56			763.56	1527.12
	94	13.08	22.22			854.46	1708.92
	103	14.05	22.22			936.27	1872.54
12 x 12	100	11.89	19.68	12"	12"	909	1818.00
	120	14.12	23.62			1090.8	2181.60
12 x 12-3/4	104	12.07	19.05	12"	12-3/4"	945.36	1890.72
	117	13.97	21.59			1063.53	2127.06
	131	15.37	24.38			1190.79	2381.58
	146	16.51	27.69			1327.14	2654.28
	162	17.91	30.99			1472.58	2945.16
	176	19	34			1599.84	3199.68
	192	20.6	37.1			1745.28	3490.56
	207	22.22	39.69			1881.63	3763.26
	229	24.4	43.9			2081.61	4163.22



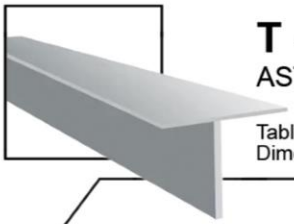
T - BEAM

ASTM A572 Gr. 50 and ASTM A992 - *for Special Order*

Table 1 :
Dimensions and sectional properties of Wide flange



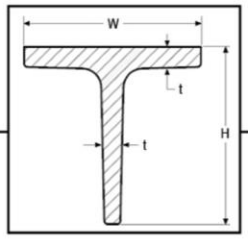
Size	Mass	Dimensions				Weight per	
		Thickness		*Height*	*Flange Width*		
inches	lbs/ft	*Web* mm	*Flange* mm	inches	inches	6m	12m
12 x 12-3/4	250	26.90	47.62	12"	12-3/4"	2272.50	4545.00
	279	29.50	53.10			2536.11	5072.22
	306	32.00	57.90			2781.54	5563.08
	335	35.10	63.00			3045.15	6090.30
	370	38.60	69.10			3363.30	6726.60
13.5 x 10	84	11.68	16.26	13.5"	10"	763.56	1527.12
	94	12.45	18.92			854.46	1708.92
	102	13.08	21.08			927.18	1854.36
	114	14.48	23.62			1036.26	2072.52
	129	14.20	26.00			1172.61	2345.22
13.5 x 14	146	15.00	24.00	13.5"	14"	1327.14	2654.28
	161	16.70	27.30			1463.49	2926.98
	178	18.40	30.23			1618.02	3236.04
	194	19.05	34.04			1763.46	3526.92
	217	21.08	38.10			1972.53	3945.06
	235	23.11	40.89			2136.15	4272.30
	258	24.89	44.96			2345.22	4690.44
15 x 10-1/2	90	11.90	15.50	15"	10-1/2"	818.10	1636.20
	99	13.21	17.02			899.91	1799.82
	108	13.84	19.30			981.72	1963.44
	116	14.35	21.59			1054.44	2108.88
	124	14.30	22.70			1127.16	2254.32
	132	14.50	24.90			1199.88	2399.76
	148	16.50	30.00			1345.32	2690.64
15 x 15	173	16.64	27.05	15"	15"	1572.57	3145.14
	191	18.03	30.10			1736.19	3472.38
	211	19.68	33.40			1917.99	3835.98
	235	21.08	38.10			2136.15	4272.30
	326	28.96	52.07			2963.34	5926.68
16.5 x 11-1/2	118	14.07	18.75	16.5"	11-1/2"	1072.62	2145.24
	130	14.73	21.72			1181.70	2363.40
	141	15.37	24.38			1281.69	2563.38
	152	16.13	26.80			1381.68	2763.36
	169	17.00	31.00			1536.21	3072.42



T - BEAM

ASTM A572 Gr. 50 and ASTM A992 - *for Special Order*

Table 1 :
Dimensions and sectional properties of Wide flange



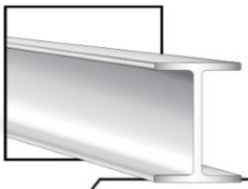
Size	Mass	Dimensions				Weight per	
		Thickness		*Height*	*Flange Width*		
inches	lbs/ft	*Web* mm	*Flange* mm	inches	inches	6m	12m
16.5 x 15-3/4	200	18.16	29.21	16.5"	15-3/4"	1818.00	3636.00
	220	19.68	32.38			1999.80	3999.60
	240	21.08	35.56			2181.60	4363.20
18 x 12	135	15.24	20.07	18"	12"	1227.15	2454.30
	150	15.88	23.88			1363.50	2727.00
	160	16.51	25.91			1454.40	2908.80
	170	17.27	27.94			1545.30	3090.60
	182	18.42	29.97			1654.38	3308.76
	194	19.43	34.54			1763.46	3526.92
	210	21.08	34.54			1908.90	3817.80
	232	22.10	39.88			2108.88	4217.76
18 x 16-1/2	230	19.33	32.00	18"	16-1/2"	2090.70	4181.40
	300	24.00	42.67			2727.00	5454.00
20 x 12	149	16.00	21.10	20"	12"	1354.41	2708.82
	167	16.50	26.00			1518.03	3036.06
	183	16.50	31.00			1663.47	3326.94
	211	19.10	35.90			1917.99	3835.98
	264	24.40	43.90			2399.76	4799.52

Other sizes not specified can be custom made/build-up

WIDE FLANGE

SERVICING NATIONWIDE

LUZON • VISAYAS • MINDANAO

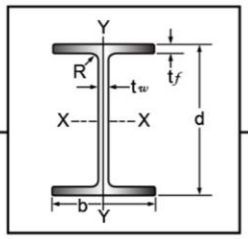


WIDE FLANGE

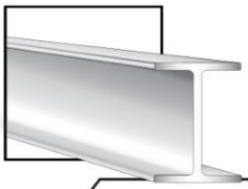
American Standard (ASTM A36)

ASTM A572 Gr. 50 and ASTM A992 - *for Special Order*

Table 1 :
Dimensions and sectional properties of Wide Flange



Size	Mass	Dimensions				Weight per	
		Thickness		*Height*	*Flange Width*		
inches	lbs/ft	*Web* mm	*Flange* mm	inches	inches	6m	12m
W4 4 x 4	13	6.00	8.76	4"	4"	118.17	236.34
W5 5 x 5	16	6.10	9.14	5"	5"	145.44	290.88
	19	6.86	10.92			172.71	345.42
W6 6 x 4	9	4.32	5.46	6"	4"	81.81	163.62
	12	5.84	7.11			109.08	218.16
	16	6.60	10.29			145.44	290.88
6 x 6	15	5.81	6.60	6"	6"	136.35	272.70
	20	6.60	9.27			181.80	363.60
	25	8.13	11.56			227.25	454.50
W8 8 x 4	10	4.32	5.21	8"	4"	90.90	181.80
	13	5.84	6.48			118.17	236.34
	15	6.22	7.00			136.35	272.70
8 x 5-1/4	18	5.84	8.38	8"	5-1/4"	163.62	327.24
	21	6.40	10.40			190.89	381.78
8 x 6-1/2	24	6.22	10.16	8"	5-1/2"	218.16	436.32
	28	7.24	11.80			254.52	509.04
8 x 8	31	7.24	11.00	8"	8"	281.79	563.58
	35	7.87	12.57			318.15	636.30
	40	9.14	14.22			363.60	727.20
	48	10.20	17.40			436.32	872.64
	58	13.00	20.57			527.22	1054.44
	67	14.50	23.75			609.03	1218.06
W10 10 x 4	12	4.83	5.33	10"	4"	109.08	218.16
	15	5.84	6.86			136.35	272.70
	17	6.10	8.36			154.53	309.06
	19	6.35	10.03			172.71	345.42
10 x 5-3/4	22	6.10	9.14	10"	5-3/4"	199.98	399.96
	26	6.60	11.18			236.34	472.68
	30	7.62	12.95			272.70	545.40
10 x 8	33	7.37	11.05	10"	8"	299.97	599.94
	39	8.00	13.46			354.51	709.02
	45	8.89	15.75			409.05	818.10

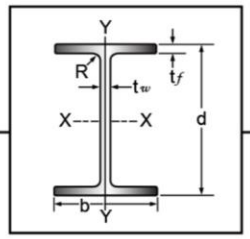


WIDE FLANGE

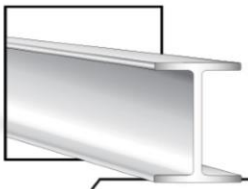
American Standard (ASTM A36)

ASTM A572 Gr. 50 and ASTM A992 - *for Special Order*

Table 1 :
Dimensions and sectional properties of Wide Flange



Size	Mass	Dimensions				Weight per	
		Thickness		*Height*	*Flange Width*		
inches	lbs/ft	*Web* mm	*Flange* mm	inches	inches	6m	12m
W10 10 x 10	42	10.67	10.54	10"	10"	381.78	763.56
	48	11.00	11.00			436.32	872.64
	49	8.64	14.22			445.41	890.82
	54	9.40	15.62			490.86	981.72
	57	14.35	14.35			518.13	1036.26
	60	10.67	17.27			545.40	1090.80
	68	11.94	19.56			618.12	1236.24
	72	13.00	14.00			654.48	1308.96
	77	13.46	22.10			699.93	1399.86
	88	15.37	25.15			799.92	1599.84
	100	17.27	28.19			909.00	1818.00
	112	19.18	31.88			1018.08	2036.16
W12 12 x 4	14	5.08	5.72	12"	4"	127.26	254.52
	16	5.59	6.73			145.44	290.88
	19	5.97	8.89			172.71	345.42
	22	6.60	10.80			199.98	399.96
12 x 6-1/2	26	5.85	9.65	12"	4"	236.34	472.68
	30	6.60	11.18			272.70	545.40
	31	6.70	11.80			281.79	563.58
	35	7.62	13.21			318.15	636.30
12 x 8	40	7.49	13.08	12"	8"	363.60	727.20
	45	8.51	14.60			409.05	818.10
	50	9.40	16.26			454.50	909.00
12 x 10	53	8.76	14.60	12"	10"	481.77	963.54
	58	9.14	16.26			527.22	1054.44
12 x 12	53	11.05	11.05	12"	12"	481.77	963.54
	63	13.08	13.08			572.67	1145.34
	65	9.91	15.37			590.85	1181.70
	72	10.92	17.02			654.48	1308.96
	74	15.48	15.37			672.66	1345.32
	79	11.94	18.48			718.11	1436.22
	84	17.40	17.40			763.56	1527.12
	87	13.08	20.57			790.83	1581.66
	92	13.84	21.74			836.28	1672.56
	96	13.97	22.86			872.64	1745.28

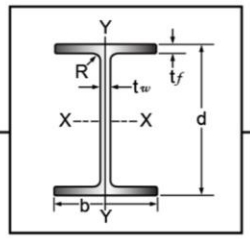


WIDE FLANGE

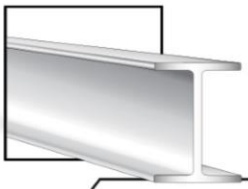
American Standard (ASTM A36)

ASTM A572 Gr. 50 and ASTM A992 - *for Special Order*

Table 1 :
Dimensions and sectional properties of Wide Flange



Size	Mass	Dimensions				Weight per	
		Thickness		*Height*	*Flange Width*		
inches	lbs/ft	*Web* mm	*Flange* mm	inches	inches	6m	12m
12 x 12	106	15.49	25.15	12"	12"	963.54	1927.08
	120	18.03	28.07			1090.80	2181.60
	136	20.07	31.75			1236.24	2472.48
	152	21.60	35.30			1381.68	2763.36
	170	24.00	39.50			1545.30	3090.60
	190	26.92	44.00			1727.10	3454.20
W14 14 x 5	22	5.84	8.51	14"	5"	199.98	399.96
	26	6.48	10.67			236.34	472.68
14 x 6-3/4	30	6.86	9.78	14"	5"	272.70	545.40
	34	7.24	11.56			309.06	618.12
	38	7.87	13.08			345.42	690.84
14 x 8	43	7.75	13.46	14"	8"	390.87	781.74
	48	8.64	15.11			436.32	872.64
	53	9.40	16.76			481.77	963.54
14 x 10	61	9.52	16.38	14"	10"	554.49	1108.98
	68	10.54	18.29			618.12	1236.24
	74	11.43	19.94			672.66	1345.32
	82	12.95	21.72			745.38	1490.76
14 x 14-1/2	73	12.83	12.83	14"	14-1/2"	663.57	1327.14
	89	15.62	15.62			809.01	1618.02
	90	11.18	18.03			818.10	1636.20
	99	12.32	19.81			899.91	1799.82
	102	17.91	17.91			927.18	1854.36
	109	13.34	21.84			990.81	1981.62
	117	20.45	20.45			1063.53	2127.06
	120	14.99	23.88			1090.80	2181.60
	132	16.38	26.16			1199.88	2399.76
14 x 16	145	12.83	12.83	14"	16"	1318.05	2636.10
	146	15.62	15.62			1327.14	2654.28
	159	11.18	18.03			1445.31	2890.62
	176	12.32	19.81			1599.84	3199.68
	193	17.91	17.91			1754.37	3508.74
	211	13.34	21.84			1917.99	3835.98
	233	20.45	20.45			2117.97	4235.94
	257	14.99	23.88			2336.13	4672.26
	283	16.38	26.16			2572.47	5144.94

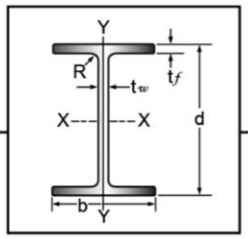


WIDE FLANGE

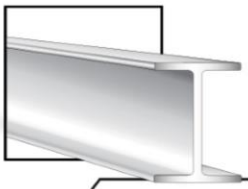
American Standard (ASTM A36)

ASTM A572 Gr. 50 and ASTM A992 - *for Special Order*

Table 1 :
Dimensions and sectional properties of Wide Flange



Size	Mass	Dimensions				Weight per	
		Thickness		*Height*	*Flange Width*		
inches	lbs/ft	*Web* mm	*Flange* mm	inches	inches	6m	12m
14 x 16	311	35.81	57.40	14"	16"	2826.99	5653.98
	342	39.12	62.74			3108.78	6217.56
	370	42.04	67.51			3363.30	6726.60
	398	44.96	72.21			3617.82	7235.64
W16 16 x 5-1/2	26	6.35	8.76	16"	5-1/2"	236.34	472.68
	31	6.98	11.18			281.79	563.58
16 x 7	36	7.49	10.92	16"	7"	327.24	654.48
	40	7.75	12.83			363.60	727.20
	45	8.76	14.35			409.05	818.10
	50	9.65	16.00			454.50	909.00
	57	10.92	18.16			518.13	1036.26
16 x 10-1/4	67	10.03	16.89	16"	10-1/4"	609.03	1218.06
	77	11.56	19.30			699.93	1399.86
	89	13.33	22.22			809.01	1618.02
	100	14.86	25.02			909.00	1818.00
W18 18 x 6	35	7.62	10.80	18"	6"	318.15	636.30
	40	8.00	13.34			363.60	727.20
	46	9.14	15.37			418.14	836.28
	50	9.02	14.48			454.50	909.00
	55	9.91	16.00			499.95	999.90
18 x 7-1/2	50	9.02	14.48	18"	7-1/2"	454.50	909.00
	55	9.91	16.00			499.95	999.90
	60	10.54	17.65			545.40	1090.80
	65	11.43	19.05			590.85	1181.70
	71	12.57	20.57			645.39	1290.78
18 x 11	76	10.80	17.27	18"	11"	690.84	1381.68
	86	12.19	19.56			781.74	1563.48
	97	13.59	22.10			881.73	1763.46
	106	14.99	23.88			963.54	1927.08
	119	16.64	26.92			1081.71	2163.42
	130	16.88	30.16			1181.70	2363.40
	143	18.50	33.50			1299.87	2599.74
	158	20.60	36.60			1436.22	2872.44
	175	22.60	40.40			1590.75	3181.50
	192	24.38	44.45			1745.28	3490.56

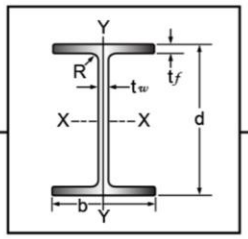


WIDE FLANGE

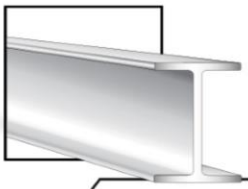
American Standard (ASTM A36)

ASTM A572 Gr. 50 and ASTM A992 - *for Special Order*

Table 1 :
Dimensions and sectional properties of Wide Flange



Size	Mass	Dimensions				Weight per	
		Thickness		*Height*	*Flange Width*		
inches	lbs/ft	*Web* mm	*Flange* mm	inches	inches	6m	12m
18 x 11	211	26.92	48.51	18"	11"	1917.99	3835.98
	234	29.46	53.59			2127.06	4254.12
W21 21 x 6-1/2	44	8.89	11.43	21"	6-1/2"	399.96	799.92
	50	9.65	13.59			454.50	909.00
	57	10.29	16.51			518.13	1036.26
21 x 8-1/4	48	8.89	10.92	21"	8-1/4"	436.32	872.64
	55	9.40	13.21			499.95	999.90
	62	10.16	15.62			563.58	1127.16
	68	10.92	17.40			618.12	1236.24
	73	11.56	18.80			663.57	1327.14
	83	13.08	21.21			754.47	1508.94
	93	14.73	23.62			845.37	1690.74
21 x 12-1/4	101	12.70	20.32	21"	12-1/4"	918.09	1836.18
	111	13.97	22.22			1008.99	2017.98
	122	15.24	24.38			1108.98	2217.96
	132	16.51	26.29			1199.88	2399.76
	147	18.29	29.21			1336.23	2672.46
W24 24 x 7	55	10.03	12.83	24"	7"	499.95	999.90
	62	10.92	14.99			563.58	1127.16
24 x 9	68	10.54	14.86	24"	9"	618.12	1236.24
	76	11.18	17.27			690.84	1381.68
	84	11.94	19.56			763.56	1527.12
	94	13.08	22.22			854.46	1708.92
	103	14.05	22.22			936.27	1872.54
24 x 12	100	11.89	19.68	24"	12"	909	1818.00
	120	14.12	23.62			1090.8	2181.60
24 x 12-3/4	104	12.07	19.05	24"	12-3/4"	945.36	1890.72
	117	13.97	21.59			1063.53	2127.06
	131	15.37	24.38			1190.79	2381.58
	146	16.51	27.69			1327.14	2654.28
	162	17.91	30.99			1472.58	2945.16
	176	19.00	34.00			1599.84	3199.68
	192	20.60	37.10			1745.28	3490.56
	207	22.22	39.69			1881.63	3763.26
	229	24.40	43.90			2081.61	4163.22

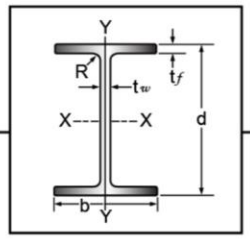


WIDE FLANGE

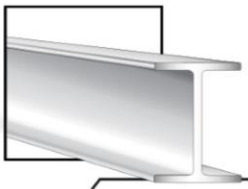
American Standard (ASTM A36)

ASTM A572 Gr. 50 and ASTM A992 - *for Special Order*

Table 1 :
Dimensions and sectional properties of Wide Flange



Size	Mass	Dimensions				Weight per	
		Thickness		*Height*	*Flange Width*		
inches	lbs/ft	*Web* mm	*Flange* mm	inches	inches	6m	12m
24 x 12-3/4	250	26.90	47.62	24"	12-3/4"	2272.50	4545.00
	279	29.50	53.10			2536.11	5072.22
	306	32.00	57.90			2781.54	5563.08
	335	35.10	63.00			3045.15	6090.30
	370	38.60	69.10			3363.30	6726.60
W27 27 x 10	84	11.68	16.26	27"	10"	763.56	1527.12
	94	12.45	18.92			854.46	1708.92
	102	13.08	21.08			927.18	1854.36
	114	14.48	23.62			1036.26	2072.52
	129	14.20	26.00			1172.61	2345.22
27 x 14	146	15.00	24.00	27"	14"	1327.14	2654.28
	161	16.70	27.30			1463.49	2926.98
	178	18.40	30.23			1618.02	3236.04
	194	19.05	34.04			1763.46	3526.92
	217	21.08	38.10			1972.53	3945.06
	235	23.11	40.89			2136.15	4272.30
	258	24.89	44.96			2345.22	4690.44
W30 30 x 10-1/2	90	11.90	15.50	30"	10-1/2"	818.10	1636.20
	99	13.21	17.02			899.91	1799.82
	108	13.84	19.30			981.72	1963.44
	116	14.35	21.59			1054.44	2108.88
	124	14.30	22.70			1127.16	2254.32
	132	14.50	24.90			1199.88	2399.76
	148	16.50	30.00			1345.32	2690.64
30 x 15	173	16.64	27.05	30"	15"	1572.57	3145.14
	191	18.03	30.10			1736.19	3472.38
	211	19.68	33.40			1917.99	3835.98
	235	21.08	38.10			2136.15	4272.30
	326	28.96	52.07			2963.34	5926.68
W33 33 x 11-1/2	118	14.07	18.75	33"	11-1/2"	1072.62	2145.24
	130	14.73	21.72			1181.70	2363.40
	141	15.37	24.38			1281.69	2563.38
	152	16.13	26.80			1381.68	2763.36
	169	17.00	31.00			1536.21	3072.42

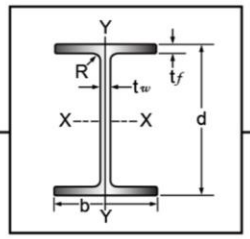


WIDE FLANGE

American Standard (ASTM A36)

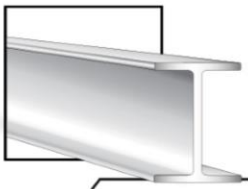
ASTM A572 Gr. 50 and ASTM A992 - *for Special Order*

Table 1 :
Dimensions and sectional properties of Wide Flange



Size	Mass	Dimensions				Weight per	
		Thickness		*Height*	*Flange Width*		
inches	lbs/ft	*Web* mm	*Flange* mm	inches	inches	6m	12m
W33 33 x 15-3/4	200	18.16	29.21	33"	15-3/4"	1818.00	3636.00
	220	19.68	32.38			1999.80	3999.60
	240	21.08	35.56			2181.60	4363.20
W36 36 x 12	135	15.24	20.07	36"	12"	1227.15	2454.30
	150	15.88	23.88			1363.50	2727.00
	160	16.51	25.91			1454.40	2908.80
	170	17.27	27.94			1545.30	3090.60
	182	18.42	29.97			1654.38	3308.76
	194	19.43	34.54			1763.46	3526.92
	210	21.08	34.54			1908.90	3817.80
	232	22.10	39.88			2108.88	4217.76
36 x 16-1/2	230	19.33	32.00	36"	16-1/2"	2090.70	4181.40
	300	24.00	42.67			2727.00	5454.00
W40 40 x 12	149	16.00	21.10	40"	12"	1354.41	2708.82
	167	16.50	26.00			1518.03	3036.06
	183	16.50	31.00			1663.47	3326.94
	211	19.10	35.90			1917.99	3835.98
	264	24.40	43.90			2399.76	4799.52

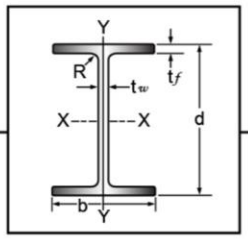
Other sizes not specified can be custom made/build-up



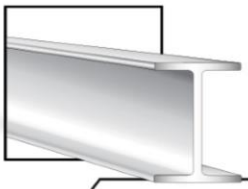
WIDE FLANGE

Japanese Standard (JIS)

Table 1 :
Dimensions and sectional properties of Wide Flange



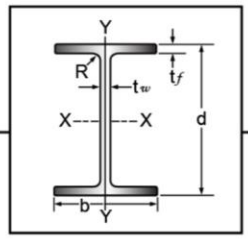
Size	Mass	Dimensions				Weight per	
		Thickness					
mm	kg/m	*Web* mm	*Flange* mm	*Height* mm	*Flange Width* mm	6m	12m
100 x 100	14.8	5.54	7.20	100	100	88.80	177.60
	16.9	5.50	8.00			101.40	202.80
	17.2	6.00	8.00			103.20	206.40
125 x 125	23.6	7.00	9.00	125	125	141.60	283.20
150 x 75	14.0	5.50	7.00	150	75	84.00	168.00
148 x 100	20.7	6.00	9.00	148	100	124.20	248.40
152 x 152	23.0	5.80	6.80	152	152	138.00	276.00
150 x 150	31.1	7.00	10.00	150	150	186.60	373.20
	31.9	7.50	10.00			191.40	382.80
175 x 175	40.4	7.50	11.00	175	175	242.40	484.80
194 x 150	29.9	6.00	9.00	194	150	179.40	358.80
	30.6	6.00	9.00			183.60	367.20
198 x 99	17.8	5.00	6.70	198	99	106.80	213.60
	18.2	4.88	7.22			109.20	218.40
200 x 100	20.9	5.50	8.00	200	100	125.40	250.80
	21.0	5.26	7.70			126.00	252.00
	21.3	5.34	7.70			127.80	255.60
203 x 133	22.3	5.23	6.88	203	133	133.80	267.60
	25.0	5.70	7.80			150.00	300.00
	25.4	5.45	7.45			152.40	304.80
	30.0	6.08	9.48			180.00	360.00
200 x 200	32.7	7.85	12.50	200	200	196.20	392.40
	49.9	8.00	12.00			299.40	598.80
	56.2	12.00	12.00			337.20	674.40
	59.5	9.54	14.30			357.00	714.00
	60.0	9.58	14.30			360.00	720.00
244 x 175	43.6	7.00	11.00	244	175	261.60	523.20
	44.1	7.80	11.80			264.60	529.20
248 x 124	25.1	4.90	7.88	248	124	150.60	301.20
248 x 249	66.5	8	12.5	248	249	399.00	798.00
250 x 125	29.0	6.00	9.00	254	125	174.00	348.00
	29.6	6.00	9.00			177.60	355.20
254 x 102	28.0	7.50	9.60	254	102	168.00	336.00



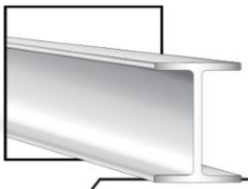
WIDE FLANGE

Japanese Standard (JIS)

Table 1 :
Dimensions and sectional properties of Wide Flange



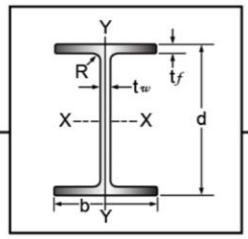
Size	Mass	Dimensions				Weight per	
		Thickness					
mm	kg/m	*Web* mm	*Flange* mm	*Height* mm	*Flange Width* mm	6m	12m
250 x 250	71.80	9.00	14.00	250	250	430.80	861.60
	72.40	8.60	14.10			434.40	868.80
	80.20	16.40	10.30			481.20	962.40
	81.60	13.95	13.72			489.60	979.20
	82.20	13.80	14.00			493.20	986.40
	132.00	15.12	25.52			792.00	1584.00
254 x 146	25.70	5.85	8.40	254	146	154.20	308.40
	31.00	5.50	8.09			186.00	372.00
	37.30	6.90	10.40			223.80	447.60
254 x 254	73.00	8.50	14.40		254	438.00	876.00
	167.00	18.98	30.99			1002.00	2004.00
260 x 168	68.20	5.12	12.42	260	168	409.20	818.40
294 x 200	56.80	7.90	11.15	294	200	340.80	681.60
294 x 302	83.40	11.58	11.68		302	500.40	1000.80
	84.50	11.80	12.30			507.00	1014.00
298 x 149	32.00	5.50	8.00	298	149	192.00	384.00
298 x 201	65.40	8.90	13.10	298	201	392.40	784.80
300 x 150	36.70	6.50	9.00	300	150	220.20	440.40
300 x 200	55.80	7.40	11.10	300	200	334.80	669.60
300 x 201	68.60	9.62	14.90	300	201	411.60	823.20
300 x 300	93.00	10.00	15.00	300	300	558.00	1116.00
	94.00	10.00	15.00			564.00	1128.00
	94.50	10.00	15.00			567.00	1134.00
	105.80	13.80	15.33			634.80	1269.60
	110.00	14.69	15.35			660.00	1320.00
300 x 305	105.00	14.45	14.88	300	305	630.00	1260.00
	106.00	14.45	14.88			636.00	1272.00
	180.00	24.52	24.98			1080.00	2160.00
305 x 165	54.00	8.40	13.60	305	165	324.00	648.00
	40.00	6.38	9.58			240.00	480.00
	46.00	6.75	11.75			276.00	552.00
	46.20	7.00	10.90			277.20	554.40



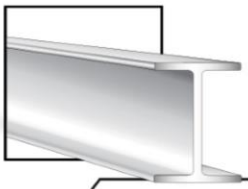
WIDE FLANGE

Japanese Standard (JIS)

Table 1 :
Dimensions and sectional properties of Wide Flange



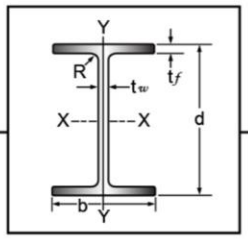
Size	Mass	Dimensions				Weight per	
		Thickness		*Height*	*Flange Width*		
mm	kg/m	*Web* mm	*Flange* mm	mm	mm	6m	12m
305 x 305	97.00	9.78	15.54	305	305	582.00	1164.00
	110.00	15.48	15.72			660.00	1320.00
	126.00	17.80	17.10			756.00	1512.00
	137.00	13.80	21.70			822.00	1644.00
	149.00	20.13	20.65			894.00	1788.00
	158.00	15.67	24.64			948.00	1896.00
	198.00	18.72	30.95			1188.00	2376.00
	223.00	21.70	35.50			1338.00	2676.00
310 x 305	96.80	9.98	15.54	310	305	580.80	1161.60
	118.00	12.18	18.48			708.00	1416.00
336 x 249	69.20	7.84	11.72	336	249	415.20	830.40
340 x 250	79.70	8.81	13.56	340	250	478.20	956.40
344 x 348	113.00	10.00	16.00	344	348	678.00	1356.00
	115.00	9.60	15.70			690.00	1380.00
350 x 174	41.20	5.56	8.56	350	174	247.20	494.40
350 x 175	33.26	6.80	10.80			199.56	399.12
	49.40	7.40	10.60			296.40	592.80
	49.60	7.40	10.60			297.60	595.20
350 x 350	135.00	12.00	19.00		350	810.00	1620.00
	136.00	11.61	17.95			816.00	1632.00
	137.00	12.00	19.00			822.00	1644.00
356 x 171	45.00	6.70	9.80	356	171	270.00	540.00
	57.00	8.00	13.50			342.00	684.00
	57.87	7.87	13.80			347.22	694.44
356 358	129.00	9.88	17.42		358	774.00	1548.00
356 x 368	153.00	11.90	19.60		368	918.00	1836.00
	159.00	13.62	21.98			954.00	1908.00
	202.00	16.30	27.40			1212.00	2424.00
356 x 406	287.00	22.20	28.40		409	1722.00	3444.00
383 x 299	88.50	9.55	12.00	383	299	531.00	1062.00



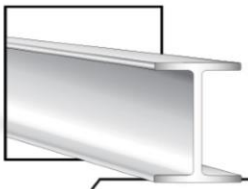
WIDE FLANGE

Japanese Standard (JIS)

Table 1 :
Dimensions and sectional properties of Wide Flange



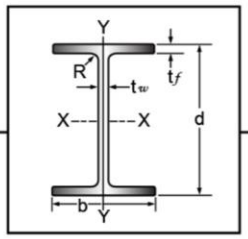
Size	Mass	Dimensions				Weight per	
		Thickness					
mm	kg/m	*Web* mm	*Flange* mm	*Height* mm	*Flange Width* mm	6m	12m
388 x 402	140	9.58	15.62	388	402	840.00	1680.00
390 x 300	105	9.72	15.30	390	300	630.00	1260.00
	107					642.00	1284.00
394 x 398	147	11.55	18.01	394	398	882.00	1764.00
396 x 199	56.6	7.40	10.82	396	199	339.60	679.20
	56.1	7.00	11.00			336.60	673.20
400 x 180	66.3	7.98	13.05	400	180	397.80	795.60
400 x 200	66	8.35	12.60		200	396.00	792.00
	65.4	8.00	13.00			392.40	784.80
400 x 400	172	12.82	20.60		400	1032.00	2064.00
400 x 408	197	20.70	20.50		408	1182.00	2364.00
406 x 178	54	8.38	12.18	406	178	324.00	648.00
	60	7.70	12.50			360.00	720.00
	67	8.70	14.30			402.00	804.00
407 x 191	82	9.84	16.50	407	191	492.00	984.00
410 x 178	53.2	7.38	11.22	410	178	319.20	638.40
	54	8.38	12.18			324.00	648.00
414 x 405	232	17.42	27.88	414	405	1392.00	2784.00
440 x 300	121	11.00	18.00	440	300	726.00	1452.00
	128.5	11.60	17.60			771.00	1542.00
446 x 199	65.1	8.00	12.00	446	199	390.60	781.20
	65.1	8.00	12.00			390.60	781.20
	66.2	8.32	10.53			397.20	794.40
450 x 200	76	9.00	14.00	450	200	456.00	912.00
450 x 300	140	10.88	20.52		300	840.00	1680.00
457 x 152	52	7.60	10.90	457	152	312.00	624.00
	60	8.10	13.30			360.00	720.00
457 x 191	67	9.80	13.84		191	402.00	804.00
	67.1	9.88	13.84			402.60	805.20
	98	11.00	18.90			588.00	1176.00
482 x 300	111	10.40	14.50	482	300	666.00	1332.00
	114	10.68	14.46			684.00	1368.00
488 x 300	125	10.55	17.15			750.00	1500.00



WIDE FLANGE

Japanese Standard (JIS)

Table 1 :
Dimensions and sectional properties of Wide Flange



Size	Mass	Dimensions				Weight per	
		Thickness					
mm	kg/m	*Web* mm	*Flange* mm	*Height* mm	*Flange Width* mm	6m	12m
496 x 199	77.00	8.75	13.58	496	199	462.00	924.00
	77.90	9.00	14.00			467.40	934.80
	79.50	9.00	14.00			477.00	954.00
500 x 200	88.20	10.00	16.00	500	200	529.20	1058.40
	89.60	10.00	16.00			537.60	1075.20
582 x 300	133.00	11.78	16.48	582	300	798.00	1596.00
	137.00	12.10	16.62			822.00	1644.00
588 x 300	147.00	11.87	19.42	588		882.00	1764.00
	149.00	11.58	19.72			894.00	1788.00
	151.00	11.70	19.48			906.00	1812.00
594 x 302	170.00	13.96	22.62	594	302	1020.00	2040.00
	179.00	14.42	22.95			1074.00	2148.00
596 x 199	92.50	10.00	15.00	596	199	555.00	1110.00
	94.60	10.00	15.00			567.60	1135.20
600 x 200	103.00	11.00	17.00	600	200	618.00	1236.00
	106.00	10.68	16.28			636.00	1272.00
606 x 201	120.00	11.65	11.78	606	201	720.00	1440.00
610 x 229	113.00	10.60	16.30	610	229	678.00	1356.00
	125.00	11.76	18.15			750.00	1500.00
	140.00	12.60	20.70			840.00	1680.00
610 x 305	179.00	13.45	22.28		305	1074.00	2148.00
692 x 300	163.00	12.78	19.46	692	300	978.00	1956.00
	163.00	12.78	19.46			978.00	1956.00
700 x 300	182.00	12.78	24.80	700		1092.00	2184.00
762 x 267	197.00	15.18	24.50	762	267	1182.00	2364.00
800 x 300	207.00	13.70	25.50	800	300	1242.00	2484.00

Other sizes not specified can be custom made/build-up

Other Services

We provide other services to our valued clients such as:

- Coil Shearing and Slitting
- Sand Blasting
- Base Plate Cutting
- Build Up of Heavy Beams
- Pipe and Structural Bending
- Base Plate Perforation
- Fabrication of Tee- Beams

"Whatever you do, Do it for the Glory of GOD."
I Corinthians 10:31

SERVICING NATIONWIDE!

LUZON

Meycauayan, Bulacan
(+632)8771-8900
sales@reganindustrial.com.ph

VISAYAS

Mandaue City, Cebu
(+6332)383-3545
cebu.sales@reganindustrial.com.ph

MINDANAO

Lanang, Davao City
(+6382)225-0566 | (+6382)225-0559
davao.sales@reganindustrial.com.ph

/reganindustrial