

STEEL BEAM WIDE FLANGE (W)

- WIDE FLANGE BEAMS (WF) HAVE SQUARED (NON-TAPERED) FLANGES
- COMMONLY DESIGNATED WITH A "W" IN FRONT OF SIZE, IE: W4" x 13#

SIZE	#FT	A	B	C	D
4" x 13#		4.160"	4.060"	0.280"	0.345"

5" x	16#	5.010"	5.000"	0.240"	0.360"
	19#	5.150"	5.030"	0.270"	0.270"

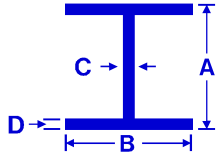
6" x	8.5#	5.830"	3.940"	0.170"	0.195"
	9#	5.900"	3.940"	0.170"	0.215"
	12#	6.030"	4.000"	0.230"	0.280"
	15#	5.990"	5.990"	0.230"	0.260"
	16#	6.280"	4.030"	0.260"	0.405"
	20#	6.200"	6.020"	0.260"	0.365"
	25#	6.380"	6.080"	0.320"	0.455"

8" x	10#	7.890"	3.940"	0.170"	0.205"
	13#	7.990"	4.000"	0.230"	0.255"
	15#	8.110"	4.015"	0.245"	0.315"
	18#	8.140"	5.250"	0.230"	0.330"
	21#	8.280"	5.270"	0.250"	0.400"
	24#	7.930"	6.495"	0.245"	0.400"
	28#	8.060"	6.535"	0.285"	0.465"
	31#	8.000"	7.995"	0.285"	0.435"
	35#	8.120"	8.020"	0.310"	0.495"
	40#	8.250"	8.070"	0.360"	0.560"
	48#	8.500"	8.110"	0.400"	0.685"
	58#	8.750"	8.220"	0.570"	0.810"
	67#	9.000"	8.280"	0.570"	0.935"

10" x	12#	9.870"	3.960"	0.190"	0.210"
	15#	9.990"	4.000"	0.230"	0.270"
	17#	10.110"	4.010"	0.240"	0.330"
	19#	10.240"	4.020"	0.250"	0.395"
	22#	10.170"	5.750"	0.240"	0.360"
	26#	10.330"	5.770"	0.260"	0.440"
	30#	10.470"	5.810"	0.300"	0.510"

10" x	33#	9.730"	7.960"	0.290"	0.435"
	39#	9.920"	7.985"	0.315"	0.530"
	45#	10.100"	8.020"	0.350"	0.620"
	49#	9.980"	10.000"	0.340"	0.560"
	54#	10.090"	10.030"	0.370"	0.615"
	60#	10.220"	10.080"	0.420"	0.680"
	68#	10.400"	10.130"	0.470"	0.770"
	77#	10.600"	10.190"	0.530"	0.870"
	88#	10.840"	10.265"	0.605"	0.990"
	100#	11.100"	10.340"	0.680"	1.120"
	112#	11.360"	10.415"	0.755"	1.250"

12" x	14.0#	11.910"	3.970"	0.200"	0.225"
	16.0#	11.990"	3.990"	0.220"	0.265"
	19.0#	12.160"	4.005"	0.235"	0.350"
	22.0#	12.310"	4.030"	0.260"	0.425"
	26.0#	12.220"	6.490"	0.230"	0.380"
	30.0#	12.340"	6.520"	0.260"	0.440"
	35.0#	12.500"	6.560"	0.300"	0.520"
	40.0#	11.940"	8.005"	0.295"	0.515"
	45.0#	12.060"	8.045"	0.335"	0.575"
	50.0#	12.190"	8.080"	0.370"	0.640"
	53.0#	12.060"	9.995"	0.345"	0.575"
	58.0#	12.190"	10.010"	0.360"	0.640"
	65.0#	12.120"	12.000"	0.390"	0.605"
	72.0#	12.250"	12.040"	0.430"	0.570"
	79.0#	12.380"	12.080"	0.470"	0.735"
	87.0#	12.530"	12.125"	0.515"	0.810"
	96.0#	12.710"	12.160"	0.550"	0.900"
	106.0#	12.890"	12.220"	0.610"	0.990"
	120.0#	13.120"	12.320"	0.710"	1.105"
136.0#	13.410"	12.400"	0.790"	1.250"	
152.0#	13.710"	12.480"	0.870"	1.400"	
170.0#	14.030"	12.570"	0.960"	1.560"	



STEEL BEAM WIDE FLANGE (W)

- WIDE FLANGE BEAMS (WF) HAVE SQUARED (NON-TAPERED) FLANGES
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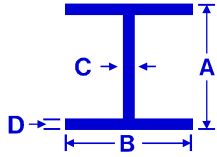
SIZE	#FT	A	B	C	D
12" x	190.0#	14.380"	12.670"	1.060"	1.735"
	210.0#	14.710"	12.790"	1.180"	1.900"
	230.0#	15.050"	12.895"	1.285"	2.070"
	252.0#	15.410"	13.005"	1.395"	2.250"
	279.0#	15.850"	13.140"	1.530"	2.470"
	305.0#	16.320"	13.235"	1.625"	2.705"
	336.0#	16.820"	13.385"	1.775"	2.955"

SIZE	#FT	A	B	C	D
14" x	426.0#	18.670"	16.695"	1.875"	3.035"
	CONTINUED 455.0#	19.020"	16.835"	2.015"	3.210"
	500.0#	19.600"	17.010"	2.190"	3.500"
	550.0#	20.240"	17.200"	2.380"	3.820"
	605.0#	20.920"	17.415"	2.595"	4.160"
	665.0#	21.640"	17.650"	2.830"	4.520"
	730.0#	22.420"	17.890"	3.070"	4.910"

14" x	22.0#	13.740"	5.000"	0.230"	0.335"
	26.0#	13.910"	5.025"	0.255"	0.420"
	30.0#	13.840"	6.730"	0.270"	0.385"
	34.0#	13.980"	6.745"	0.285"	0.455"
	38.0#	14.100"	6.770"	0.310"	0.515"
	43.0#	13.660"	7.995"	0.305"	0.530"
	48.0#	13.790"	8.030"	0.340"	0.959"
	53.0#	13.920"	8.060"	0.370"	0.660"
	61.0#	13.890"	9.995"	0.375"	0.645"
	68.0#	14.040"	10.035"	0.415"	0.720"
	74.0#	14.170"	10.070"	0.450"	0.785"
	82.0#	14.310"	10.130"	0.510"	0.855"
	90.0#	14.020"	14.520"	0.440"	0.710"
	99.0#	14.160"	14.565"	0.485"	0.780"
	109.0#	14.320"	16.605"	0.525"	0.860"
	120.0#	14.480"	14.670"	0.590"	0.940"
	132.0#	14.660"	14.725"	0.645"	1.030"
	145.0#	14.780"	15.500"	0.680"	1.090"
	159.0#	14.980"	15.565"	0.745"	1.190"
	176.0#	15.220"	15.650"	0.830"	1.310"
193.0#	15.480"	15.710"	0.890"	1.440"	
211.0#	15.720"	15.800"	0.980"	1.560"	
233.0#	16.040"	15.890"	1.070"	1.720"	
257.0#	16.380"	15.995"	1.175"	1.890"	
283.0#	16.740"	16.110"	1.290"	2.070"	
311.0#	17.120"	16.230"	1.410"	2.260"	
342.0#	17.540"	16.360"	1.540"	2.470"	
370.0#	17.920"	16.475"	1.655"	2.660"	
398.0#	18.290"	16.590"	1.770"	2.845"	

16" x	26.0#	15.690"	5.500"	0.250"	0.345"
	31.0#	15.880"	5.525"	0.275"	0.440"
	36.0#	15.860"	6.985"	0.295"	0.430"
	40.0#	16.010"	6.995"	0.305"	0.505"
	45.0#	16.130"	7.035"	0.345"	0.565"
	50.0#	16.260"	7.070"	0.380"	0.630"
	57.0#	16.430"	7.120"	0.430"	0.715"
	67.0#	16.330"	10.235"	0.395"	0.665"
	77.0#	16.520"	10.295"	0.455"	0.760"
	89.0#	16.750"	10.365"	0.525"	0.875"
100.0#	16.970"	10.425"	0.415"	0.985"	

18" x	35.0#	17.700"	6.000"	0.300"	0.425"
	40.0#	17.900"	6.015"	0.315"	0.525"
	46.0#	18.060"	6.060"	0.360"	0.605"
	50.0#	17.990"	7.495"	0.355"	0.570"
	55.0#	18.110"	7.530"	0.390"	0.630"
	60.0#	18.240"	7.555"	0.415"	0.695"
	65.0#	18.350"	7.590"	0.450"	0.750"
	71.0#	18.470"	7.635"	0.495"	0.810"
	76.0#	18.210"	11.035"	0.425"	0.680"
	86.0#	18.390"	11.090"	0.480"	0.770"
	97.0#	18.590"	11.145"	0.535"	0.870"
	106.0#	18.730"	11.200"	0.590"	0.940"
	119.0#	18.970"	11.265"	0.655"	1.060"
	130.0#	19.250"	11.160"	0.670"	1.200"
	143.0#	19.490"	11.220"	0.730"	1.320"
158.0#	19.720"	11.300"	0.810"	1.440"	
175.0#	20.040"	11.375"	0.890"	1.590"	



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STEEL BEAM WIDE FLANGE (W)

SIZE	#FT	A	B	C	D
18" x	192.0#	20.350"	11.455"	0.960"	1.750"
	211.0#	20.670"	11.555"	1.060"	1.910"
	234.0#	21.060"	11.650"	1.160"	2.110"
	258.0#	21.460"	11.770"	1.280"	2.300"
	283.0#	21.850"	11.890"	1.400"	2.500"
	311.0#	22.320"	12.005"	1.520"	2.740"

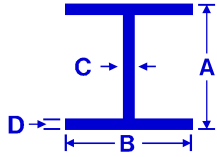
SIZE	#FT	A	B	C	D
24" x	176.0#	25.240"	12.890"	0.750"	1.340"
	192.0#	25.470"	12.950"	0.810"	1.460"
	207.0#	25.710"	13.010"	0.870"	1.570"
	229.0#	26.020"	13.110"	0.960"	1.730"
	250.0#	26.340"	13.185"	1.040"	1.890"
	279.0#	26.730"	13.305"	1.160"	2.090"
	306.0#	27.130"	13.405"	1.260"	2.280"
335.0#	27.520"	13.520"	1.380"	2.480"	
370.0#	27.990"	13.660"	1.520"	2.720"	

21" x	44.0#	20.660"	6.500"	0.350"	0.450"
	48.0#	20.620"	8.140"	0.350"	0.430"
	50.0#	20.830"	6.530"	0.380"	0.535"
	55.0#	20.800"	8.220"	0.375"	0.522"
	57.0#	21.060"	6.555"	0.405"	0.650"
	62.0#	20.990"	8.240"	0.400"	0.615"
	68.0#	21.130"	8.270"	0.430"	0.685"
	73.0#	21.240"	8.295"	0.455"	0.740"
	83.0#	21.430"	8.355"	0.515"	0.835"
	93.0#	21.620"	8.420"	0.580"	0.930"
	101.0#	21.360"	12.290"	0.500"	0.800"
	111.0#	21.510"	12.340"	0.550"	0.875"
	122.0#	21.680"	12.390"	0.600"	0.960"
	132.0#	21.830"	12.440"	0.650"	1.035"
	147.0#	22.060"	12.510"	0.720"	1.150"
	166.0#	22.480"	12.420"	0.750"	1.360"
182.0#	22.720"	12.500"	0.830"	1.480"	
201.0#	23.030"	12.575"	0.910"	1.630"	

27" x	84.0#	26.710"	9.960"	0.460"	0.640"
	94.0#	26.920"	9.990"	0.490"	0.745"
	102.0#	27.090"	10.015"	0.515"	0.830"
	114.0#	27.290"	10.070"	0.570"	0.930"
	129.0#	27.630"	10.010"	0.610"	1.100"
	146.0#	27.380"	13.965"	0.605"	0.975"
	161.0#	27.590"	14.020"	0.660"	1.080"
	178.0#	27.810"	14.085"	0.725"	1.190"
	194.0#	28.110"	14.035"	0.750"	1.340"
	217.0#	28.430"	14.115"	0.830"	1.500"
	235.0#	28.660"	14.190"	0.910"	1.610"
	258.0#	28.980"	14.270"	0.980"	1.770"
	281.0#	29.290"	14.350"	1.060"	1.930"
	307.0#	29.610"	14.445"	1.160"	2.090"
336.0#	30.000"	14.550"	1.260"	2.280"	
368.0#	30.390"	14.665"	1.380"	2.480"	

24" x	55.0#	23.570"	7.005"	0.395"	0.505"
	62.0#	23.740"	7.040"	0.430"	0.590"
	68.0#	23.730"	8.965"	0.415"	0.585"
	76.0#	23.920"	8.990"	0.440"	0.680"
	84.0#	24.100"	9.020"	0.470"	0.770"
	94.0#	24.310"	9.065"	0.515"	0.875"
	103.0#	24.530"	9.000"	0.550"	0.980"
	104.0#	24.060"	24.060"	0.500"	0.750"
	117.0#	24.260"	12.800"	0.550"	0.850"
	131.0#	24.480"	12.855"	0.605"	0.960"
	146.0#	24.710"	12.900"	0.650"	1.090"
162.0#	25.000"	12.955"	0.705"	1.220"	

30" x	90.0#	29.530"	10.400"	0.470"	0.610"
	99.0#	29.650"	10.450"	0.520"	0.670"
	108.0#	29.830"	10.475"	0.545"	0.760"
	116.0#	30.010"	10.495"	0.565"	0.850"
	124.0#	30.170"	10.515"	0.585"	0.930"
	132.0#	30.310"	10.545"	0.615"	1.000"
	148.0#	30.670"	10.480"	0.650"	1.180"
	173.0#	30.440"	14.985"	0.655"	1.065"
	191.0#	30.680"	15.040"	0.710"	1.185"
	211.0#	30.940"	15.105"	0.755"	1.315"
235.0#	31.300"	15.055"	0.830"	1.500"	



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STEEL BEAM WIDE FLANGE (W)

SIZE	#FT	A	B	C	D
30" x	261.0#	31.610"	15.155"	0.930"	1.650"
	292.0#	32.010"	15.255"	1.020"	1.850"
	326.0#	32.400"	15.370"	1.140"	2.050"
	357.0#	32.800"	15.470"	1.240"	2.240"
	391.0#	33.190"	15.590"	1.360"	2.440"

SIZE	#FT	A	B	C	D
36" x	395.0#	38.370"	16.830"	1.220"	2.200"
	441.0#	38.850"	16.965"	1.360"	2.440"
	487.0#	39.330"	17.105"	1.500"	2.680"
	529.0#	39.790"	17.220"	1.610"	2.910"
	652.0#	41.050"	17.575"	1.970"	3.540"

33" x	118.0#	32.860"	11.480"	0.550"	0.740"
	130.0#	33.090"	11.510"	0.580"	0.855"
	141.0#	33.300"	11.535"	0.605"	0.960"
	152.0#	33.490"	11.565"	0.635"	1.055"
	169.0#	33.820"	11.500"	0.670"	1.220"
	201.0#	33.680"	15.745"	0.715"	1.150"
	221.0#	33.930"	15.750"	0.775"	1.275"
	241.0#	34.180"	15.860"	0.830"	1.400"
	263.0#	34.530"	15.805"	0.870"	1.570"
	291.0#	34.840"	15.905"	0.960"	1.730"
	318.0#	35.160"	15.985"	1.040"	1.890"
	354.0#	33.550"	16.100"	1.160"	2.090"
387.0#	35.950"	16.200"	1.260"	2.280"	

40" x	149.0#	38.200"	11.810"	0.630"	0.830"
	167.0#	38.590"	11.810"	0.650"	1.025"
	183.0#	38.980"	11.810"	0.650"	1.220"
	211.0#	39.370"	11.810"	0.750"	1.415"
	235.0#	39.690"	11.890"	0.830"	1.575"
	264.0#	40.000"	11.930"	0.960"	1.730"
	278.0#	40.160"	11.970"	1.025"	1.811"
	294.0#	40.390"	12.010"	1.060"	1.930"
	327.0#	40.790"	12.130"	1.180"	2.130"
	331.0#	40.790"	12.165"	1.220"	2.126"
	392.0#	41.576"	12.360"	1.415"	2.520"
	199.0#	38.670"	15.750"	0.650"	1.065"
215.0#	38.980"	15.750"	0.650"	1.220"	
249.0#	39.380"	15.750"	0.750"	1.420"	

36" x	135.0#	35.550"	11.950"	0.600"	0.790"
	150.0#	35.850"	11.975"	0.625"	0.940"
	160.0#	36.010"	12.000"	0.650"	1.020"
	170.0#	36.170"	12.030"	0.680"	1.100"
	182.0#	36.330"	12.075"	0.725"	1.180"
	194.0#	36.490"	12.115"	0.765"	1.260"
	210.0#	36.690"	12.180"	0.830"	1.360"
	231.0#	36.490"	16.470"	0.760"	1.260"
	232.0#	37.120"	12.120"	0.870"	1.570"
	247.0#	36.670"	16.510"	0.800"	1.350"
	256.0#	37.430"	12.215"	0.960"	1.730"
	262.0#	36.850"	16.550"	0.840"	1.440"
	282.0#	37.110"	16.595"	0.885"	1.570"
	302.0#	37.330"	16.655"	0.945"	1.680"
	330.0#	37.670"	16.630"	1.020"	1.850"
361.0#	37.990"	16.730"	1.120"	2.010"	

40" x	277.0#	39.690"	15.830"	0.830"	1.575"
	297.0#	39.840"	15.825"	0.930"	1.650"
	324.0#	40.160"	15.910"	1.000"	1.810"
	362.0#	40.550"	16.020"	1.120"	2.010"
	372.0#	40.630"	16.065"	1.160"	2.047"
	397.0#	40.950"	16.120"	1.220"	1.650"
	431.0#	41.260"	16.220"	1.340"	2.360"
	503.0#	42.050"	16.415"	1.535"	2.760"
593.0#	42.990"	16.690"	1.790"	3.230"	

44" x	230.0#	42.910"	15.750"	0.710"	1.220"
	262.0#	43.310"	15.750"	0.875"	1.417"
	290.0#	43.620"	15.825"	0.865"	1.575"
	335.0#	44.020"	15.945"	1.025"	1.772"