



# BUILT TO FIT

## CUSTOM HOLLOW STRUCTURAL SECTIONS

STD SIZE	Weight Per Ft. By Nominal Wall Thickness					
	0.312"	0.375"	0.500"	0.625"	0.750"	1.000"
12 x 10	40.40	48.20	63.00	77.40		
12 x 12	44.60	53.20	69.80	85.80	101.20	
14 x 10	44.60	53.20	69.80	85.80	101.20	
14 x 12	49.00	58.40	76.60	94.40	118.69	
16 x 10	49.00	58.40	76.60	94.40	118.69	
16 x 12	53.20	63.40	83.40	102.80	121.60	
16 x 16	61.60	73.60	97.00	119.80	142.00	184.70
18 x 10	53.20	63.40	83.40	102.80	121.60	157.50
18 x 12	57.40	68.60	90.20	111.40	131.80	171.10
18 x 14	61.60	73.60	97.00	119.80	142.00	184.70
18 x 16	65.80	78.80	103.80	128.40	152.20	198.30
18 x 18	70.20	83.80	110.60	136.80	162.40	211.90
20 x 12	61.60	73.60	97.00	119.80	142.00	184.70
20 x 14	65.80	78.80	103.80	128.40	152.20	198.30
20 x 16	70.20	83.80	110.60	136.80	162.40	211.90
20 x 18	74.40	94.00	117.40	145.40	172.60	225.50
20 x 20	78.60	94.00	124.20	153.80	182.80	239.10
22 x 12		78.80	103.80	128.40	152.20	198.30
22 x 14		83.80	110.60	136.80	162.40	211.90
22 x 16		89.00	117.40	145.40	172.60	225.30
22 x 18		94.00	124.20	153.80	182.80	239.10
22 x 22		104.20	137.80	170.80	203.20	266.30
24 x 10		78.80	103.80	128.40	152.20	198.30
24 x 12		83.80	110.60	136.80	162.40	211.90
24 x 14		89.00	117.40	145.40	172.60	225.50
24 x 16		94.00	124.20	153.80	182.80	239.10
24 x 18		99.20	131.00	162.40	193.00	252.70
24 x 22		109.40	144.60	179.40	213.40	279.90
24 x 24		114.40	151.40	187.80	223.60	293.50
26 x 10		83.80	110.60	136.80	162.40	211.90
26 x 12		89.00	117.40	145.40	172.60	225.30
26 x 14		94.00	124.20	153.80	182.60	239.10
26 x 18		104.20	137.80	170.80	203.20	266.30
26 x 20		109.40	144.60	179.40	213.40	279.90
26 x 22		114.40	151.40	187.80	223.60	293.50
26 x 24		119.60	158.20	196.40	233.80	307.10
26 x 26		124.60	165.00	204.80	244.00	320.70
28 x 12		94.00	124.20	153.80	182.80	239.10
28 x 14		99.20	131.00	162.40	193.00	252.30
28 x 16		104.20	137.80	170.80	203.20	266.30
28 x 18		109.40	144.60	179.40	213.40	279.90
28 x 20		114.40	151.40	187.80	223.60	293.50
28 x 24		124.60	165.00	204.80	244.00	320.70
28 x 26		129.80	171.80	213.20	254.20	334.30
28 x 28		134.80	178.60	221.80	264.60	347.90
30 x 16		109.40	144.60	179.40	213.40	279.90
30 x 18		114.40	151.40	187.80	223.60	293.50
30 x 20		119.60	158.20	196.40	233.80	307.10
30 x 28		140.00	185.40	230.20	274.60	361.50
30 x 30		145.00	192.20	238.80	284.80	375.10

STD SIZE	Weight Per Ft. By Nominal Wall Thickness					
	0.312"	0.375"	0.500"	0.625"	0.750"	1.000"
32 x 12			137.80	170.80	203.20	266.30
32 x 14			144.60	179.40	213.40	279.90
32 x 16			151.40	187.80	223.60	293.50
32 x 20			165.00	204.80	244.00	320.70
32 x 22			171.80	213.20	254.20	334.30
32 x 24			178.60	221.80	264.40	347.90
32 x 26			185.40	230.20	274.60	361.50
32 x 30			199.00	247.20	295.00	388.70
32 x 32			205.80	255.80	305.20	402.30
34 x 14			151.40	187.80	223.60	293.50
34 x 16			158.20	196.40	233.80	307.10
34 x 18			165.00	204.80	244.00	320.70
34 x 22			178.60	221.80	264.40	347.90
34 x 24			185.40	230.20	274.60	361.50
34 x 26			192.20	238.80	284.80	375.10
34 x 28			199.00	247.20	295.00	388.70
34 x 32			212.60	264.20	315.40	415.90
34 x 34			219.40	272.80	325.60	429.50
36 x 14			158.20	196.40	233.80	293.50
36 x 16			165.00	204.80	244.00	320.70
36 x 18			171.80	213.20	254.20	334.30
36 x 22			185.40	230.20	274.60	361.50
36 x 24			192.20	238.80	284.80	375.10
36 x 26			199.00	247.20	295.00	388.70
36 x 28			205.80	255.80	305.20	402.30
36 x 32			219.40	272.80	325.60	429.50
36 x 34			226.20	281.20	335.80	443.10
36 x 36			233.00	289.80	346.00	456.70
38 x 16			171.80	213.20	254.20	334.30
38 x 18			178.60	221.80	264.40	347.90
38 x 22			192.20	238.80	284.80	375.10
38 x 24			199.00	247.20	295.00	388.70
38 x 26			205.80	255.80	305.20	402.30
38 x 28			212.60	264.20	315.40	415.90
38 x 32			226.20	281.20	335.80	443.10
38 x 34			233.00	289.80	346.00	456.70
38 x 38			246.60	306.80	366.40	483.90
40 x 28			219.40	272.80	325.60	429.50
40 x 40			260.20	323.80	386.80	511.10
42 x 32			239.80	298.30	356.20	470.30
42 x 42			273.80	340.80	407.20	538.30
44 x 32			246.60	306.80	366.40	483.90
44 x 44			287.40	357.80	427.60	565.50
46 x 32			253.40	315.30	376.60	497.50
46 x 46			301.00	374.80	448.00	592.70
48 x 38			280.60	349.30	417.40	551.90
48 x 48			314.60	391.80	468.40	619.80
50 x 50			328.20	408.80	488.80	647.00
56 x 42			321.40	400.30	478.60	633.40
60 x 48			355.40	442.80	529.60	701.40

Visit our product catalog at [www.hsssuperstruct.com](http://www.hsssuperstruct.com) for a full range of sizes available.

Please inquire on any tapered sizes, special shapes & fractional sizes.

Email: [tubing@valmont.com](mailto:tubing@valmont.com)

Call 1-800-825-6668

**HSS SUPERSTRUCT**

## BUILT TO FIT

CUSTOM HOLLOW STRUCTURAL SECTIONS



**About HSS SuperStruct:** Valmont's custom HSS sections are produced by brake forming two channel sections and welding them together using two longitudinal weld seams supported by back up bars. Made & manufactured in the U.S.A.

**Advantages Of HSS SuperStruct:** HSS SuperStruct sections allow for lower transportation, handling, & erection costs as compared to other structural shapes due to weight savings. High strength HSS SuperStruct sections provide excellent bending strength, efficient eccentric and torsional resistance and are aesthetically appealing. The straight sides allow for easier fabrication and painting.

**Common End Uses:** Sign structures, pedestrian bridges, commercial & stadium construction, architectural, industrial applications.

**ASTM Specification:** Tubes are produced to ASTM A1065.

**Corner Radii:** 2.00" standard radius on the inside. Inquire if different.

**Welding Process:** Tubes are welded to AWS D1.1. Tubes are submerged arc welded with OD weld bead on both sides.

**Weld Penetration:** Standard is PJP - Partial Joint Penetration. CJP - Complete Joint Penetration - is available at an additional price.

**Maximum & Minimum Lengths:** 60 ft is the maximum length available, cut-to-length options available. Please inquire for options.

**Chemistries:** ASTM A572 Grade 50, Grade 65, Grade 70, ASTM A588 Weathering Steel are standard. Inquire if different.

**Minimum Order Qty:** Order quantities as small as one piece can be placed.

**Value-added Options:** Chamfered ends, hole drilling, attachment welding, hot dip galvanizing. Inquire with specific needs.



 Like us on Facebook!

Call 1-800-825-6668

Email: [tubing@valmont.com](mailto:tubing@valmont.com)

**valmont**   
TUBING  
14631 Highway 6  
Waverly, NE 68462  
Fax: (402) 359-4481

Visit [www.hsssuperstruct.com](http://www.hsssuperstruct.com) to view our complete Product Catalog