

Square tubing weight chart (HSS)

Weight per foot of ASTM A500 square and rectangular hollow structural sections (HSS) from the AISC Shapes Database v16.0. HSS4x4x1/4 weighs 12.21 lb/ft. The design wall thickness is 0.93 × nominal, as AISC specifies for electric-resistance-welded HSS.

Square HSS (square tubing)

Shape	Wall (in)	Design wall (in)	lb/ft	kg/m	Area (in ²)
HSS1-1/2x1-1/2x1/4	0.25	0.233	3.71	5.52	1.04
HSS1-1/2x1-1/2x3/16	0.188	0.174	3.04	4.52	0.845
HSS1-1/2x1-1/2x1/8	0.125	0.116	2.20	3.27	0.608
HSS2x2x1/4	0.25	0.233	5.41	8.00	1.51
HSS2x2x3/16	0.1875	0.174	4.32	6.40	1.19
HSS2x2x1/8	0.125	0.116	3.05	4.53	0.84
HSS2-1/4x2-1/4x1/4	0.25	0.233	6.26	9.26	1.74
HSS2-1/4x2-1/4x3/16	0.1875	0.174	4.96	7.35	1.37
HSS2-1/4x2-1/4x1/8	0.125	0.116	3.48	5.16	0.956
HSS2-1/2x2-1/2x5/16	0.3125	0.291	8.45	12.50	2.35
HSS2-1/2x2-1/2x1/4	0.25	0.233	7.11	10.50	1.97
HSS2-1/2x2-1/2x3/16	0.1875	0.174	5.59	8.30	1.54
HSS2-1/2x2-1/2x1/8	0.125	0.116	3.90	5.80	1.07
HSS3x3x3/8	0.375	0.349	12.17	18.00	3.39
HSS3x3x5/16	0.3125	0.291	10.58	15.70	2.94
HSS3x3x1/4	0.25	0.233	8.81	13.10	2.44
HSS3x3x3/16	0.1875	0.174	6.87	10.20	1.89
HSS3x3x1/8	0.125	0.116	4.75	7.06	1.3
HSS3-1/2x3-1/2x3/8	0.375	0.349	14.72	21.80	4.09
HSS3-1/2x3-1/2x5/16	0.3125	0.291	12.70	18.80	3.52
HSS3-1/2x3-1/2x1/4	0.25	0.233	10.51	15.60	2.91
HSS3-1/2x3-1/2x3/16	0.1875	0.174	8.15	12.10	2.24
HSS3-1/2x3-1/2x1/8	0.125	0.116	5.61	8.33	1.54
HSS4x4x1/2	0.5	0.465	21.63	32.00	6.02
HSS4x4x3/8	0.375	0.349	17.27	25.60	4.78
HSS4x4x5/16	0.3125	0.291	14.83	22.00	4.1
HSS4x4x1/4	0.25	0.233	12.21	18.10	3.37
HSS4x4x3/16	0.1875	0.174	9.42	14.00	2.58
HSS4x4x1/8	0.125	0.116	6.46	9.59	1.77

Shape	Wall (in)	Design wall (in)	lb/ft	kg/m	Area (in ²)
HSS4-1/2x4-1/2x1/2	0.5	0.465	25.03	37.10	6.95
HSS4-1/2x4-1/2x3/8	0.375	0.349	19.82	29.40	5.48
HSS4-1/2x4-1/2x5/16	0.3125	0.291	16.96	25.20	4.68
HSS4-1/2x4-1/2x1/4	0.25	0.233	13.91	20.70	3.84
HSS4-1/2x4-1/2x3/16	0.1875	0.174	10.70	15.90	2.93
HSS4-1/2x4-1/2x1/8	0.125	0.116	7.31	10.90	2
HSS5x5x1/2	0.5	0.465	28.43	42.10	7.88
HSS5x5x3/8	0.375	0.349	22.37	33.20	6.18
HSS5x5x5/16	0.3125	0.291	19.08	28.30	5.26
HSS5x5x1/4	0.25	0.233	15.62	23.20	4.3
HSS5x5x3/16	0.1875	0.174	11.97	17.80	3.28
HSS5x5x1/8	0.125	0.116	8.16	12.10	2.23
HSS5-1/2x5-1/2x3/8	0.375	0.349	24.93	37.00	6.88
HSS5-1/2x5-1/2x5/16	0.3125	0.291	21.21	31.50	5.85
HSS5-1/2x5-1/2x1/4	0.25	0.233	17.32	25.70	4.77
HSS5-1/2x5-1/2x3/16	0.1875	0.174	13.25	19.70	3.63
HSS5-1/2x5-1/2x1/8	0.125	0.116	9.01	13.40	2.46
HSS6x6x5/8	0.625	0.581	42.30	62.60	11.7
HSS6x6x1/2	0.5	0.465	35.24	52.20	9.74
HSS6x6x3/8	0.375	0.349	27.48	40.80	7.58
HSS6x6x5/16	0.3125	0.291	23.34	34.60	6.43
HSS6x6x1/4	0.25	0.233	19.02	28.30	5.24
HSS6x6x3/16	0.1875	0.174	14.53	21.60	3.98
HSS6x6x1/8	0.125	0.116	9.86	14.70	2.7
HSS7x7x5/8	0.625	0.581	50.81	75.30	14
HSS7x7x1/2	0.5	0.465	42.05	62.40	11.6
HSS7x7x3/8	0.375	0.349	32.58	48.40	8.97
HSS7x7x5/16	0.3125	0.291	27.59	41.00	7.59
HSS7x7x1/4	0.25	0.233	22.42	33.30	6.17
HSS7x7x3/16	0.1875	0.174	17.08	25.40	4.67
HSS7x7x1/8	0.125	0.116	11.56	17.20	3.16
HSS8x8x5/8	0.625	0.581	59.32	88.00	16.4
HSS8x8x1/2	0.5	0.465	48.85	72.50	13.5
HSS8x8x3/8	0.375	0.349	37.69	56.00	10.4
HSS8x8x5/16	0.3125	0.291	31.84	47.30	8.76

Shape	Wall (in)	Design wall (in)	lb/ft	kg/m	Area (in ²)
HSS8x8x1/4	0.25	0.233	25.82	38.40	7.1
HSS8x8x3/16	0.1875	0.174	19.63	29.20	5.37
HSS8x8x1/8	0.125	0.116	13.26	19.70	3.62
HSS9x9x5/8	0.625	0.581	67.82	101.00	18.7
HSS9x9x1/2	0.5	0.465	55.66	82.60	15.3
HSS9x9x3/8	0.375	0.349	42.79	63.60	11.8
HSS9x9x5/16	0.3125	0.291	36.10	53.60	9.92
HSS9x9x1/4	0.25	0.233	29.23	43.40	8.03
HSS9x9x3/16	0.1875	0.174	22.18	33.00	6.06
HSS9x9x1/8	0.125	0.116	14.96	22.30	4.09
HSS10x10x3/4	0.75	0.698	89.50	133.00	24.7
HSS10x10x5/8	0.625	0.581	76.33	113.00	21
HSS10x10x1/2	0.5	0.465	62.46	92.70	17.2
HSS10x10x3/8	0.375	0.349	47.90	71.20	13.2
HSS10x10x5/16	0.3125	0.291	40.35	60.00	11.1
HSS10x10x1/4	0.25	0.233	32.63	48.50	8.96
HSS10x10x3/16	0.1875	0.174	24.73	36.80	6.76
HSS12x12x1	1	0.93	140.96	210.00	39
HSS12x12x7/8	0.875	0.814	125.79	187.00	34.7
HSS12x12x3/4	0.75	0.698	109.91	164.00	30.3
HSS12x12x5/8	0.625	0.581	93.34	139.00	25.7
HSS12x12x1/2	0.5	0.465	76.07	113.00	20.9
HSS12x12x3/8	0.375	0.349	58.10	86.30	16
HSS12x12x5/16	0.3125	0.291	48.86	72.60	13.4
HSS12x12x1/4	0.25	0.233	39.43	58.60	10.8
HSS12x12x3/16	0.1875	0.174	29.84	44.40	8.15
HSS14x14x1	1	0.93	168.18	250.00	46.4
HSS14x14x7/8	0.875	0.814	149.61	223.00	41.2
HSS14x14x3/4	0.75	0.698	130.33	194.00	35.9
HSS14x14x5/8	0.625	0.581	110.36	164.00	30.3
HSS14x14x1/2	0.5	0.465	89.68	133.00	24.6
HSS14x14x3/8	0.375	0.349	68.31	102.00	18.7
HSS14x14x5/16	0.3125	0.291	57.36	85.30	15.7
HSS14x14x1/4	0.25	0.233	46.24	68.80	12.7
HSS16x16x1	1	0.93	195.40	291.00	53.8

Shape	Wall (in)	Design wall (in)	lb/ft	kg/m	Area (in ²)
HSS16x16x7/8	0.875	0.814	173.43	258.00	47.7
HSS16x16x3/4	0.75	0.698	150.75	224.00	41.5
HSS16x16x5/8	0.625	0.581	127.37	189.00	35
HSS16x16x1/2	0.5	0.465	103.30	153.00	28.3
HSS16x16x3/8	0.375	0.349	78.52	117.00	21.5
HSS16x16x5/16	0.3125	0.291	65.87	97.90	18.1
HSS16x16x1/4	0.25	0.233	53.05	78.90	14.6
HSS18x18x1	1	0.93	222.63	331.00	61.3
HSS18x18x7/8	0.875	0.814	197.24	293.00	54.3
HSS18x18x3/4	0.75	0.698	171.16	255.00	47.1
HSS18x18x5/8	0.625	0.581	144.39	215.00	39.6
HSS18x18x1/2	0.5	0.465	116.91	174.00	32.1
HSS18x18x3/8	0.375	0.349	88.73	132.00	24.3
HSS18x18x5/16	0.3125	0.291	74.38	111.00	20.4
HSS18x18x1/4	0.25	0.233	59.85	89.10	16.4
HSS20x20x1	1	0.93	249.85	372.00	68.7
HSS20x20x7/8	0.875	0.814	221.06	329.00	60.8
HSS20x20x3/4	0.75	0.698	191.58	285.00	52.6
HSS20x20x5/8	0.625	0.581	161.40	240.00	44.3
HSS20x20x1/2	0.5	0.465	130.52	194.00	35.8
HSS20x20x3/8	0.375	0.349	98.94	147.00	27.1
HSS20x20x5/16	0.3125	0.291	82.88	123.00	22.7
HSS22x22x1	1	0.93	277.07	412.00	76.2
HSS22x22x7/8	0.875	0.814	244.88	364.00	67.3
HSS22x22x3/4	0.75	0.698	212.00	315.00	58.2
HSS22x22x5/8	0.625	0.581	178.41	266.00	48.9
HSS22x22x1/2	0.5	0.465	144.13	214.00	39.5

Rectangular HSS (rectangular tubing)

Shape	Wall (in)	Design wall (in)	lb/ft	kg/m	Area (in ²)
HSS2x1x3/16	0.1875	0.174	3.04	4.51	0.845
HSS2x1x1/8	0.125	0.116	2.20	3.26	0.608
HSS2x1-1/2x3/16	0.1875	0.174	3.68	5.46	1.02
HSS2x1-1/2x1/8	0.125	0.116	2.63	3.90	0.724

Shape	Wall (in)	Design wall (in)	lb/ft	kg/m	Area (in ²)
HSS2-1/2x1x3/16	0.1875	0.174	3.68	5.46	1.02
HSS2-1/2x1x1/8	0.125	0.116	2.63	3.90	0.724
HSS2-1/2x1-1/2x1/4	0.25	0.233	5.41	8.00	1.51
HSS2-1/2x1-1/2x3/16	0.1875	0.174	4.32	6.41	1.19
HSS2-1/2x1-1/2x1/8	0.125	0.116	3.05	4.53	0.84
HSS2-1/2x2x1/4	0.25	0.233	6.26	9.26	1.74
HSS2-1/2x2x3/16	0.1875	0.174	4.96	7.36	1.37
HSS2-1/2x2x1/8	0.125	0.116	3.48	5.16	0.956
HSS3x1x3/16	0.1875	0.174	4.32	6.41	1.19
HSS3x1x1/8	0.125	0.116	3.05	4.53	0.84
HSS3x1-1/2x1/4	0.25	0.233	6.26	9.26	1.74
HSS3x1-1/2x3/16	0.1875	0.174	4.96	7.36	1.37
HSS3x1-1/2x1/8	0.125	0.116	3.48	5.16	0.956
HSS3x2x5/16	0.3125	0.291	8.45	12.50	2.35
HSS3x2x1/4	0.25	0.233	7.11	10.50	1.97
HSS3x2x3/16	0.1875	0.174	5.59	8.31	1.54
HSS3x2x1/8	0.125	0.116	3.90	5.80	1.07
HSS3x2-1/2x5/16	0.3125	0.291	9.51	14.10	2.64
HSS3x2-1/2x1/4	0.25	0.233	7.96	11.80	2.21
HSS3x2-1/2x3/16	0.1875	0.174	6.23	9.27	1.71
HSS3x2-1/2x1/8	0.125	0.116	4.33	6.43	1.19
HSS3-1/2x1-1/2x1/4	0.25	0.233	7.11	10.50	1.97
HSS3-1/2x1-1/2x3/16	0.1875	0.174	5.59	8.31	1.54
HSS3-1/2x1-1/2x1/8	0.125	0.116	3.90	5.80	1.07
HSS3-1/2x2x1/4	0.25	0.233	7.96	11.80	2.21
HSS3-1/2x2x3/16	0.1875	0.174	6.23	9.27	1.71
HSS3-1/2x2x1/8	0.125	0.116	4.33	6.43	1.19
HSS3-1/2x2-1/2x3/8	0.375	0.349	12.17	18.00	3.39
HSS3-1/2x2-1/2x5/16	0.3125	0.291	10.58	15.60	2.94
HSS3-1/2x2-1/2x1/4	0.25	0.233	8.81	13.10	2.44
HSS3-1/2x2-1/2x3/16	0.1875	0.174	6.87	10.20	1.89
HSS3-1/2x2-1/2x1/8	0.125	0.116	4.75	7.07	1.3
HSS4x1-1/2x1/4	0.25	0.233	7.96	11.80	2.21
HSS4x1-1/2x3/16	0.1875	0.174	6.23	9.27	1.71
HSS4x1-1/2x1/8	0.125	0.116	4.33	6.44	1.19

Shape	Wall (in)	Design wall (in)	lb/ft	kg/m	Area (in ²)
HSS4x2x3/8	0.375	0.349	12.17	18.00	3.39
HSS4x2x5/16	0.3125	0.291	10.58	15.70	2.94
HSS4x2x1/4	0.25	0.233	8.81	13.10	2.44
HSS4x2x3/16	0.1875	0.174	6.87	10.20	1.89
HSS4x2x1/8	0.125	0.116	4.75	7.06	1.3
HSS4x2-1/2x1/4	0.25	0.233	9.66	14.30	2.67
HSS4x2-1/2x3/16	0.1875	0.174	7.51	11.20	2.06
HSS4x2-1/2x1/8	0.125	0.116	5.18	7.70	1.42
HSS4x3x3/8	0.375	0.349	14.72	21.80	4.09
HSS4x3x5/16	0.3125	0.291	12.70	18.80	3.52
HSS4x3x1/4	0.25	0.233	10.51	15.60	2.91
HSS4x3x3/16	0.1875	0.174	8.15	12.10	2.24
HSS4x3x1/8	0.125	0.116	5.61	8.33	1.54
HSS5x2x3/8	0.375	0.349	14.72	21.80	4.09
HSS5x2x5/16	0.3125	0.291	12.70	18.80	3.52
HSS5x2x1/4	0.25	0.233	10.51	15.60	2.91
HSS5x2x3/16	0.1875	0.174	8.15	12.10	2.24
HSS5x2x1/8	0.125	0.116	5.61	8.33	1.54
HSS5x2-1/2x1/4	0.25	0.233	11.36	16.90	3.14
HSS5x2-1/2x3/16	0.1875	0.174	8.78	13.10	2.41
HSS5x2-1/2x1/8	0.125	0.116	6.03	8.96	1.65
HSS5x3x1/2	0.5	0.465	21.63	32.00	6.02
HSS5x3x3/8	0.375	0.349	17.27	25.60	4.78
HSS5x3x5/16	0.3125	0.291	14.83	22.00	4.1
HSS5x3x1/4	0.25	0.233	12.21	18.10	3.37
HSS5x3x3/16	0.1875	0.174	9.42	14.00	2.58
HSS5x3x1/8	0.125	0.116	6.46	9.59	1.77
HSS5x4x1/2	0.5	0.465	25.03	37.10	6.95
HSS5x4x3/8	0.375	0.349	19.82	29.40	5.48
HSS5x4x5/16	0.3125	0.291	16.96	25.20	4.68
HSS5x4x1/4	0.25	0.233	13.91	20.70	3.84
HSS5x4x3/16	0.1875	0.174	10.70	15.90	2.93
HSS5x4x1/8	0.125	0.116	7.31	10.90	2
HSS6x2x3/8	0.375	0.349	17.27	25.60	4.78
HSS6x2x5/16	0.3125	0.291	14.83	22.00	4.1

Shape	Wall (in)	Design wall (in)	lb/ft	kg/m	Area (in ²)
HSS6x2x1/4	0.25	0.233	12.21	18.10	3.37
HSS6x2x3/16	0.1875	0.174	9.42	14.00	2.58
HSS6x2x1/8	0.125	0.116	6.46	9.59	1.77
HSS6x3x1/2	0.5	0.465	25.03	37.10	6.95
HSS6x3x3/8	0.375	0.349	19.82	29.40	5.48
HSS6x3x5/16	0.3125	0.291	16.96	25.20	4.68
HSS6x3x1/4	0.25	0.233	13.91	20.70	3.84
HSS6x3x3/16	0.1875	0.174	10.70	15.90	2.93
HSS6x3x1/8	0.125	0.116	7.31	10.90	2
HSS6x4x1/2	0.5	0.465	28.43	42.10	7.88
HSS6x4x3/8	0.375	0.349	22.37	33.20	6.18
HSS6x4x5/16	0.3125	0.291	19.08	28.40	5.26
HSS6x4x1/4	0.25	0.233	15.62	23.20	4.3
HSS6x4x3/16	0.1875	0.174	11.97	17.80	3.28
HSS6x4x1/8	0.125	0.116	8.16	12.10	2.23
HSS6x5x1/2	0.5	0.465	31.84	47.20	8.81
HSS6x5x3/8	0.375	0.349	24.93	37.00	6.88
HSS6x5x5/16	0.3125	0.291	21.21	31.50	5.85
HSS6x5x1/4	0.25	0.233	17.32	25.70	4.77
HSS6x5x3/16	0.1875	0.174	13.25	19.70	3.63
HSS6x5x1/8	0.125	0.116	9.01	13.40	2.46
HSS7x2x1/4	0.25	0.233	13.91	20.70	3.84
HSS7x2x3/16	0.1875	0.174	10.70	15.90	2.93
HSS7x2x1/8	0.125	0.116	7.31	10.90	2
HSS7x3x1/2	0.5	0.465	28.43	42.10	7.88
HSS7x3x3/8	0.375	0.349	22.37	33.20	6.18
HSS7x3x5/16	0.3125	0.291	19.08	28.40	5.26
HSS7x3x1/4	0.25	0.233	15.62	23.20	4.3
HSS7x3x3/16	0.1875	0.174	11.97	17.80	3.28
HSS7x3x1/8	0.125	0.116	8.16	12.10	2.23
HSS7x4x1/2	0.5	0.465	31.84	47.20	8.81
HSS7x4x3/8	0.375	0.349	24.93	37.00	6.88
HSS7x4x5/16	0.3125	0.291	21.21	31.50	5.85
HSS7x4x1/4	0.25	0.233	17.32	25.70	4.77
HSS7x4x3/16	0.1875	0.174	13.25	19.70	3.63

Shape	Wall (in)	Design wall (in)	lb/ft	kg/m	Area (in ²)
HSS7x4x1/8	0.125	0.116	9.01	13.40	2.46
HSS7x5x1/2	0.5	0.465	35.24	52.20	9.74
HSS7x5x3/8	0.375	0.349	27.48	40.80	7.58
HSS7x5x5/16	0.3125	0.291	23.34	34.70	6.43
HSS7x5x1/4	0.25	0.233	19.02	28.30	5.24
HSS7x5x3/16	0.1875	0.174	14.53	21.60	3.98
HSS7x5x1/8	0.125	0.116	9.86	14.70	2.7
HSS8x2x1/2	0.5	0.465	28.43	42.30	7.88
HSS8x2x3/8	0.375	0.349	22.37	33.20	6.18
HSS8x2x5/16	0.3125	0.291	19.08	28.40	5.26
HSS8x2x1/4	0.25	0.233	15.62	23.20	4.3
HSS8x2x3/16	0.1875	0.174	11.97	17.80	3.28
HSS8x2x1/8	0.125	0.116	8.16	12.10	2.23
HSS8x3x1/2	0.5	0.465	31.84	47.20	8.81
HSS8x3x3/8	0.375	0.349	24.93	37.00	6.88
HSS8x3x5/16	0.3125	0.291	21.21	31.50	5.85
HSS8x3x1/4	0.25	0.233	17.32	25.70	4.77
HSS8x3x3/16	0.1875	0.174	13.25	19.70	3.63
HSS8x3x1/8	0.125	0.116	9.01	13.40	2.46
HSS8x4x5/8	0.625	0.581	42.30	62.60	11.7
HSS8x4x1/2	0.5	0.465	35.24	52.20	9.74
HSS8x4x3/8	0.375	0.349	27.48	40.80	7.58
HSS8x4x5/16	0.3125	0.291	23.34	34.70	6.43
HSS8x4x1/4	0.25	0.233	19.02	28.30	5.24
HSS8x4x3/16	0.1875	0.174	14.53	21.60	3.98
HSS8x4x1/8	0.125	0.116	9.86	14.70	2.7
HSS8x6x5/8	0.625	0.581	50.81	75.30	14
HSS8x6x1/2	0.5	0.465	42.05	62.40	11.6
HSS8x6x3/8	0.375	0.349	32.58	48.40	8.97
HSS8x6x5/16	0.3125	0.291	27.59	41.00	7.59
HSS8x6x1/4	0.25	0.233	22.42	33.30	6.17
HSS8x6x3/16	0.1875	0.174	17.08	25.40	4.67
HSS9x3x1/2	0.5	0.465	35.24	52.20	9.74
HSS9x3x3/8	0.375	0.349	27.48	40.80	7.58
HSS9x3x5/16	0.3125	0.291	23.34	34.70	6.43

Shape	Wall (in)	Design wall (in)	lb/ft	kg/m	Area (in ²)
HSS9x3x1/4	0.25	0.233	19.02	28.30	5.24
HSS9x3x3/16	0.1875	0.174	14.53	21.60	3.98
HSS9x5x5/8	0.625	0.581	50.81	75.30	14
HSS9x5x1/2	0.5	0.465	42.05	62.40	11.6
HSS9x5x3/8	0.375	0.349	32.58	48.40	8.97
HSS9x5x5/16	0.3125	0.291	27.59	41.00	7.59
HSS9x5x1/4	0.25	0.233	22.42	33.30	6.17
HSS9x5x3/16	0.1875	0.174	17.08	25.40	4.67
HSS9x7x5/8	0.625	0.581	59.32	88.00	16.4
HSS9x7x1/2	0.5	0.465	48.85	72.50	13.5
HSS9x7x3/8	0.375	0.349	37.69	56.00	10.4
HSS9x7x5/16	0.3125	0.291	31.84	47.40	8.76
HSS9x7x1/4	0.25	0.233	25.82	38.40	7.1
HSS9x7x3/16	0.1875	0.174	19.63	29.30	5.37
HSS10x2x3/8	0.375	0.349	27.48	40.80	7.58
HSS10x2x5/16	0.3125	0.291	23.34	34.70	6.43
HSS10x2x1/4	0.25	0.233	19.02	28.30	5.24
HSS10x2x3/16	0.1875	0.174	14.53	21.60	3.98
HSS10x2x1/8	0.125	0.116	9.86	14.70	2.7
HSS10x3x3/8	0.375	0.349	30.03	44.60	8.27
HSS10x3x5/16	0.3125	0.291	25.46	37.90	7.01
HSS10x3x1/4	0.25	0.233	20.72	30.80	5.7
HSS10x3x3/16	0.1875	0.174	15.80	23.50	4.32
HSS10x3x1/8	0.125	0.116	10.71	15.90	2.93
HSS10x3-1/2x3/8	0.375	0.349	31.31	46.50	8.62
HSS10x3-1/2x5/16	0.3125	0.291	26.53	39.50	7.3
HSS10x3-1/2x1/4	0.25	0.233	21.57	32.00	5.93
HSS10x3-1/2x3/16	0.1875	0.174	16.44	24.50	4.5
HSS10x4x5/8	0.625	0.581	50.81	75.30	14
HSS10x4x1/2	0.5	0.465	42.05	62.40	11.6
HSS10x4x3/8	0.375	0.349	32.58	48.40	8.97
HSS10x4x5/16	0.3125	0.291	27.59	41.00	7.59
HSS10x4x1/4	0.25	0.233	22.42	33.30	6.17
HSS10x4x3/16	0.1875	0.174	17.08	25.40	4.67
HSS10x4x1/8	0.125	0.116	11.56	17.20	3.16

Shape	Wall (in)	Design wall (in)	lb/ft	kg/m	Area (in ²)
HSS10x5x3/8	0.375	0.349	35.13	52.20	9.67
HSS10x5x5/16	0.3125	0.291	29.72	44.20	8.17
HSS10x5x1/4	0.25	0.233	24.12	35.80	6.63
HSS10x6x5/8	0.625	0.581	59.32	88.00	16.4
HSS10x6x1/2	0.5	0.465	48.85	72.50	13.5
HSS10x6x3/8	0.375	0.349	37.69	56.00	10.4
HSS10x6x5/16	0.3125	0.291	31.84	47.40	8.76
HSS10x6x1/4	0.25	0.233	25.82	38.40	7.1
HSS10x6x3/16	0.1875	0.174	19.63	29.30	5.37
HSS10x8x5/8	0.625	0.581	67.82	101.00	18.7
HSS10x8x1/2	0.5	0.465	55.66	82.60	15.3
HSS10x8x3/8	0.375	0.349	42.79	63.60	11.8
HSS10x8x5/16	0.3125	0.291	36.10	53.70	9.92
HSS10x8x1/4	0.25	0.233	29.23	43.40	8.03
HSS10x8x3/16	0.1875	0.174	22.18	33.10	6.06
HSS12x2x5/16	0.3125	0.291	27.59	41.00	7.59
HSS12x2x1/4	0.25	0.233	22.42	33.30	6.17
HSS12x2x3/16	0.1875	0.174	17.08	25.40	4.67
HSS12x3x5/16	0.3125	0.291	29.72	44.20	8.17
HSS12x3x1/4	0.25	0.233	24.12	35.80	6.63
HSS12x3x3/16	0.1875	0.174	18.35	27.40	5.02
HSS12x4x5/8	0.625	0.581	59.32	88.00	16.4
HSS12x4x1/2	0.5	0.465	48.85	72.50	13.5
HSS12x4x3/8	0.375	0.349	37.69	56.00	10.4
HSS12x4x5/16	0.3125	0.291	31.84	47.40	8.76
HSS12x4x1/4	0.25	0.233	25.82	38.40	7.1
HSS12x4x3/16	0.1875	0.174	19.63	29.30	5.37
HSS12x6x5/8	0.625	0.581	67.82	101.00	18.7
HSS12x6x1/2	0.5	0.465	55.66	82.60	15.3
HSS12x6x3/8	0.375	0.349	42.79	63.60	11.8
HSS12x6x5/16	0.3125	0.291	36.10	53.70	9.92
HSS12x6x1/4	0.25	0.233	29.23	43.40	8.03
HSS12x6x3/16	0.1875	0.174	22.18	33.10	6.06
HSS12x8x5/8	0.625	0.581	76.33	113.00	21
HSS12x8x1/2	0.5	0.465	62.46	92.70	17.2

Shape	Wall (in)	Design wall (in)	lb/ft	kg/m	Area (in ²)
HSS12x8x3/8	0.375	0.349	47.90	71.20	13.2
HSS12x8x5/16	0.3125	0.291	40.35	60.10	11.1
HSS12x8x1/4	0.25	0.233	32.63	48.50	8.96
HSS12x8x3/16	0.1875	0.174	24.73	36.90	6.76
HSS12x10x5/8	0.625	0.581	84.84	126.00	23.3
HSS12x10x1/2	0.5	0.465	69.27	103.00	19
HSS12x10x3/8	0.375	0.349	53.00	78.80	14.6
HSS12x10x5/16	0.3125	0.291	44.60	66.40	12.2
HSS12x10x1/4	0.25	0.233	36.03	53.60	9.9
HSS12x10x3/16	0.1875	0.174	27.29	40.60	7.46
HSS14x4x5/8	0.625	0.581	67.82	101.00	18.7
HSS14x4x1/2	0.5	0.465	55.66	82.60	15.3
HSS14x4x3/8	0.375	0.349	42.79	63.60	11.8
HSS14x4x5/16	0.3125	0.291	36.10	53.70	9.92
HSS14x4x1/4	0.25	0.233	29.23	43.50	8.03
HSS14x4x3/16	0.1875	0.174	22.18	32.90	6.06
HSS14x6x5/8	0.625	0.581	76.33	113.00	21
HSS14x6x1/2	0.5	0.465	62.46	92.70	17.2
HSS14x6x3/8	0.375	0.349	47.90	71.20	13.2
HSS14x6x5/16	0.3125	0.291	40.35	60.00	11.1
HSS14x6x1/4	0.25	0.233	32.63	48.60	8.96
HSS14x6x3/16	0.1875	0.174	24.73	36.70	6.76
HSS14x8x5/8	0.625	0.581	84.84	126.00	23.3
HSS14x8x1/2	0.5	0.465	69.27	103.00	19
HSS14x8x3/8	0.375	0.349	53.00	78.90	14.6
HSS14x8x5/16	0.3125	0.291	44.60	66.40	12.2
HSS14x8x1/4	0.25	0.233	36.03	53.60	9.9
HSS14x8x3/16	0.1875	0.174	27.29	40.60	7.46
HSS14x10x7/8	0.875	0.814	125.79	187.00	34.7
HSS14x10x3/4	0.75	0.698	109.91	164.00	30.3
HSS14x10x5/8	0.625	0.581	93.34	139.00	25.7
HSS14x10x1/2	0.5	0.465	76.07	113.00	20.9
HSS14x10x3/8	0.375	0.349	58.10	86.40	16
HSS14x10x5/16	0.3125	0.291	48.86	72.70	13.4
HSS14x10x1/4	0.25	0.233	39.43	58.70	10.8

Shape	Wall (in)	Design wall (in)	lb/ft	kg/m	Area (in ²)
HSS14x12x5/8	0.625	0.581	101.85	152.00	28
HSS14x12x1/2	0.5	0.465	82.88	123.00	22.8
HSS14x12x3/8	0.375	0.349	63.21	94.10	17.3
HSS14x12x5/16	0.3125	0.291	53.11	79.00	14.6
HSS14x12x1/4	0.25	0.233	42.84	63.80	11.8
HSS16x4x5/8	0.625	0.581	76.33	113.00	21
HSS16x4x1/2	0.5	0.465	62.46	92.70	17.2
HSS16x4x3/8	0.375	0.349	47.90	71.20	13.2
HSS16x4x5/16	0.3125	0.291	40.35	60.00	11.1
HSS16x4x1/4	0.25	0.233	32.63	48.60	8.96
HSS16x4x3/16	0.1875	0.174	24.73	36.70	6.76
HSS16x6x5/8	0.625	0.581	84.84	126.00	23.3
HSS16x6x1/2	0.5	0.465	69.27	103.00	19
HSS16x6x3/8	0.375	0.349	53.00	78.90	14.6
HSS16x6x5/16	0.3125	0.291	44.60	66.40	12.2
HSS16x6x1/4	0.25	0.233	36.03	53.60	9.9
HSS16x6x3/16	0.1875	0.174	27.29	40.60	7.46
HSS16x8x7/8	0.875	0.814	125.79	187.00	34.7
HSS16x8x3/4	0.75	0.698	109.91	164.00	30.3
HSS16x8x5/8	0.625	0.581	93.34	139.00	25.7
HSS16x8x1/2	0.5	0.465	76.07	113.00	20.9
HSS16x8x3/8	0.375	0.349	58.10	86.40	16
HSS16x8x5/16	0.3125	0.291	48.86	72.70	13.4
HSS16x8x1/4	0.25	0.233	39.43	58.70	10.8
HSS16x10x5/8	0.625	0.581	101.85	152.00	28
HSS16x10x1/2	0.5	0.465	82.88	123.00	22.8
HSS16x10x3/8	0.375	0.349	63.21	94.10	17.3
HSS16x10x5/16	0.3125	0.291	53.11	79.00	14.6
HSS16x10x1/4	0.25	0.233	42.84	63.80	11.8
HSS16x12x1	1	0.93	168.18	250.00	46.4
HSS16x12x7/8	0.875	0.814	149.61	223.00	41.2
HSS16x12x3/4	0.75	0.698	130.33	194.00	35.9
HSS16x12x5/8	0.625	0.581	110.36	164.00	30.3
HSS16x12x1/2	0.5	0.465	89.68	133.00	24.6
HSS16x12x3/8	0.375	0.349	68.31	102.00	18.7

Shape	Wall (in)	Design wall (in)	lb/ft	kg/m	Area (in ²)
HSS16x12x5/16	0.3125	0.291	57.36	85.40	15.7
HSS18x6x3/4	0.75	0.698	109.91	164.00	30.3
HSS18x6x5/8	0.625	0.581	93.34	139.00	25.7
HSS18x6x1/2	0.5	0.465	76.07	113.00	20.9
HSS18x6x3/8	0.375	0.349	58.10	86.40	16
HSS18x6x5/16	0.3125	0.291	48.86	72.70	13.4
HSS18x6x1/4	0.25	0.233	39.43	58.70	10.8
HSS18x8x5/8	0.625	0.581	101.85	152.00	28
HSS18x8x1/2	0.5	0.465	82.88	123.00	22.8
HSS18x8x3/8	0.375	0.349	63.21	94.10	17.3
HSS18x8x5/16	0.3125	0.291	53.11	79.00	14.6
HSS18x8x1/4	0.25	0.233	42.84	63.80	11.8
HSS18x10x5/8	0.625	0.581	110.36	164.00	30.3
HSS18x10x1/2	0.5	0.465	89.68	133.00	24.6
HSS18x10x3/8	0.375	0.349	68.31	102.00	18.7
HSS18x10x5/16	0.3125	0.291	57.36	85.40	15.7
HSS18x10x1/4	0.25	0.233	46.24	68.80	12.7
HSS20x4x1/2	0.5	0.465	76.07	113.00	20.9
HSS20x4x3/8	0.375	0.349	58.10	86.40	16
HSS20x4x5/16	0.3125	0.291	48.86	72.70	13.4
HSS20x4x1/4	0.25	0.233	39.43	58.70	10.8
HSS20x6x5/8	0.625	0.581	101.85	152.00	28
HSS20x6x1/2	0.5	0.465	82.88	123.00	22.8
HSS20x6x3/8	0.375	0.349	63.21	94.10	17.3
HSS20x6x5/16	0.3125	0.291	53.11	79.00	14.6
HSS20x6x1/4	0.25	0.233	42.84	63.80	11.8
HSS20x8x1	1	0.93	168.18	250.00	46.4
HSS20x8x7/8	0.875	0.814	149.61	223.00	41.2
HSS20x8x3/4	0.75	0.698	130.33	194.00	35.9
HSS20x8x5/8	0.625	0.581	110.36	164.00	30.3
HSS20x8x1/2	0.5	0.465	89.68	133.00	24.6
HSS20x8x3/8	0.375	0.349	68.31	102.00	18.7
HSS20x8x5/16	0.3125	0.291	57.36	85.30	15.7
HSS20x12x1	1	0.93	195.40	291.00	53.8
HSS20x12x7/8	0.875	0.814	173.43	258.00	47.7

Shape	Wall (in)	Design wall (in)	lb/ft	kg/m	Area (in ²)
HSS20x12x3/4	0.75	0.698	150.75	224.00	41.5
HSS20x12x5/8	0.625	0.581	127.37	189.00	35
HSS20x12x1/2	0.5	0.465	103.30	153.00	28.3
HSS20x12x3/8	0.375	0.349	78.52	117.00	21.5
HSS20x12x5/16	0.3125	0.291	65.87	97.90	18.1
HSS20x16x3/4	0.75	0.698	171.16	255.00	47.1
HSS20x16x5/8	0.625	0.581	144.39	215.00	39.6
HSS20x16x1/2	0.5	0.465	116.91	174.00	32.1
HSS20x16x3/8	0.375	0.349	88.73	132.00	24.3
HSS20x16x5/16	0.3125	0.291	74.38	111.00	20.4
HSS20x16x1/4	0.25	0.233	59.85	89.10	16.4
HSS22x10x5/8	0.625	0.581	127.37	190.00	35
HSS22x10x1/2	0.5	0.465	103.30	154.00	28.3
HSS22x10x3/8	0.375	0.349	78.52	117.00	21.5
HSS22x10x5/16	0.3125	0.291	65.87	98.00	18.1
HSS22x10x1/4	0.25	0.233	53.05	78.90	14.6
HSS22x14x3/4	0.75	0.698	171.16	255.00	47.1
HSS22x14x5/8	0.625	0.581	144.39	215.00	39.6
HSS22x14x1/2	0.5	0.465	116.91	174.00	32.1
HSS22x14x3/8	0.375	0.349	88.73	132.00	24.3
HSS22x14x5/16	0.3125	0.291	74.38	111.00	20.4
HSS22x14x1/4	0.25	0.233	59.85	89.10	16.4
HSS22x16x3/4	0.75	0.698	181.37	270.00	49.8
HSS22x16x5/8	0.625	0.581	152.89	228.00	41.9
HSS22x16x1/2	0.5	0.465	123.71	184.00	33.9
HSS22x16x3/8	0.375	0.349	93.83	140.00	25.7
HSS22x16x5/16	0.3125	0.291	78.63	117.00	21.6
HSS22x16x1/4	0.25	0.233	63.25	94.10	17.4
HSS22x18x3/4	0.75	0.698	191.58	285.00	52.6
HSS22x18x5/8	0.625	0.581	161.40	240.00	44.3
HSS22x18x1/2	0.5	0.465	130.52	194.00	35.8
HSS22x18x3/8	0.375	0.349	98.94	147.00	27.1
HSS22x18x5/16	0.3125	0.291	82.88	123.00	22.7
HSS22x20x3/4	0.75	0.698	201.79	300.00	55.4
HSS22x20x5/8	0.625	0.581	169.91	253.00	46.6

Shape	Wall (in)	Design wall (in)	lb/ft	kg/m	Area (in ²)
HSS22x20x1/2	0.5	0.465	137.32	204.00	37.6
HSS22x20x3/8	0.375	0.349	104.04	155.00	28.5
HSS22x20x5/16	0.3125	0.291	87.14	130.00	23.9
HSS24x8x1/2	0.5	0.465	103.30	154.00	28.3
HSS24x8x3/8	0.375	0.349	78.52	117.00	21.5
HSS24x8x5/16	0.3125	0.291	65.87	98.00	18.1
HSS24x8x1/4	0.25	0.233	53.05	78.90	14.6
HSS24x12x1	1	0.93	222.63	331.00	61.3
HSS24x12x7/8	0.875	0.814	197.24	294.00	54.3
HSS24x12x3/4	0.75	0.698	171.16	255.00	47.1
HSS24x12x5/8	0.625	0.581	144.39	215.00	39.6
HSS24x12x1/2	0.5	0.465	116.91	174.00	32.1
HSS24x12x3/8	0.375	0.349	88.73	132.00	24.3
HSS24x12x5/16	0.3125	0.291	74.38	111.00	20.4
HSS24x12x1/4	0.25	0.233	59.85	89.10	16.4
HSS24x14x3/4	0.75	0.698	181.37	270.00	49.8
HSS24x14x5/8	0.625	0.581	152.89	228.00	41.9
HSS24x14x1/2	0.5	0.465	123.71	184.00	33.9
HSS24x14x3/8	0.375	0.349	93.83	140.00	25.7
HSS24x14x5/16	0.3125	0.291	78.63	117.00	21.6
HSS24x14x1/4	0.25	0.233	63.25	94.10	17.4
HSS24x16x3/4	0.75	0.698	191.58	285.00	52.6
HSS24x16x5/8	0.625	0.581	161.40	240.00	44.3
HSS24x16x1/2	0.5	0.465	130.52	194.00	35.8
HSS24x16x3/8	0.375	0.349	98.94	147.00	27.1
HSS24x16x5/16	0.3125	0.291	82.88	123.00	22.7
HSS24x18x3/4	0.75	0.698	201.79	300.00	55.4
HSS24x18x5/8	0.625	0.581	169.91	253.00	46.6
HSS24x18x1/2	0.5	0.465	137.32	204.00	37.6
HSS24x18x3/8	0.375	0.349	104.04	155.00	28.5
HSS24x18x5/16	0.3125	0.291	87.14	130.00	23.9
HSS24x20x3/4	0.75	0.698	212.00	315.00	58.2
HSS24x20x5/8	0.625	0.581	178.41	266.00	48.9
HSS24x20x1/2	0.5	0.465	144.13	214.00	39.5
HSS24x20x3/8	0.375	0.349	109.15	162.00	29.9

Shape	Wall (in)	Design wall (in)	lb/ft	kg/m	Area (in²)
HSS24x20x5/16	0.3125	0.291	91.39	136.00	25.1
HSS30x10x1	1	0.93	249.85	372.00	68.7
HSS30x10x7/8	0.875	0.814	221.06	329.00	60.8
HSS30x10x3/4	0.75	0.698	191.58	285.00	52.6
HSS30x10x5/8	0.625	0.581	161.40	240.00	44.3
HSS30x10x1/2	0.5	0.465	130.52	194.00	35.8
HSS34x10x1	1	0.93	277.07	412.00	76.2
HSS34x10x7/8	0.875	0.814	244.88	364.00	67.3
HSS34x10x3/4	0.75	0.698	212.00	315.00	58.2
HSS34x10x5/8	0.625	0.581	178.41	266.00	48.9

Source: AISC Shapes Database v16.0. Metric sizes: MS square pipe weight chart. steelweight-calculator.com