

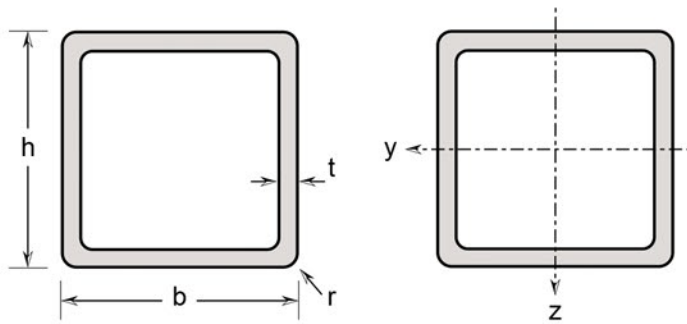
STAINLESS STEEL

SHS

Square Hollow Sections



SHS SQUARE HOLLOW SECTIONS



STAINLESS STEEL

Square Hollow Sections Stainless steel

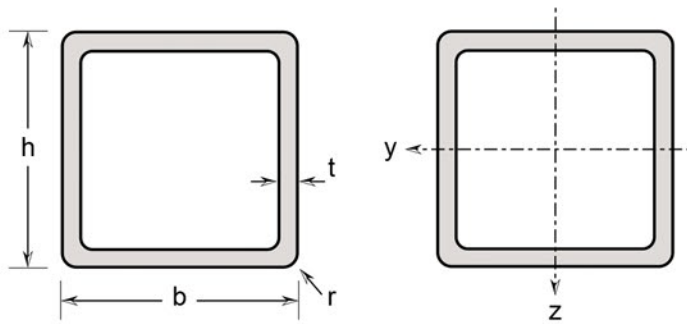
Cold formed and welded acc. to EN 10219-2; grade accord. to EN 10088. Surface condition: external weld bead removed, brushed / blasted and pickled



General Properties							Structural Properties					
Designation		Dimensions					Axis y-y / Axis z-z					
	G kg/m	h mm	b mm	t mm	r mm	A mm ² x10 ²	I _y =I _z mm ⁴ x10 ⁴	W _{ely} =W _{elz} mm ³ x10 ³	W _{ply} =W _{plz} mm ³ x10 ³	i _y =i _z mm x10	I _v mm ⁴ x10 ⁴	W _v mm ³ x10 ³
50x50x3	4.33	50	50	3	6	5.41	20.85	8.34	9.95	1.92	31.15	12.46
50x50x4	5.56	50	50	4	8	6.95	26.15	10.46	12.73	1.89	38.93	15.57
50x50x5	6.69	50	50	5	10	8.36	30.75	12.30	15.25	1.85	45.56	18.23
60x60x3	5.29	60	60	3	6	6.61	37.14	12.38	14.63	2.33	55.56	18.52
60x60x4	6.84	60	60	4	8	8.55	47.07	15.69	18.85	2.29	70.25	23.42
60x60x5	8.29	60	60	5	10	10.36	55.92	18.64	22.75	2.25	83.19	27.73
60x60x6	9.62	60	60	6	12	12.03	63.76	21.25	26.35	2.22	94.48	31.49
70x70x3	6.25	70	70	3	6	7.81	60.27	17.22	20.21	2.74	90.23	25.78
70x70x4	8.12	70	70	4	8	10.15	76.95	21.98	26.17	2.70	115.00	32.86
70x70x5	9.89	70	70	5	10	12.36	92.08	26.31	31.75	2.66	137.31	39.23
70x70x6	11.54	70	70	6	12	14.43	105.78	30.22	36.97	2.62	157.29	44.94
75x75x3	6.73	75	75	3	6	8.41	74.78	19.94	23.34	2.94	111.97	29.86
75x75x4	8.76	75	75	4	8	10.95	95.75	25.53	30.28	2.90	143.16	38.18
75x75x5	10.69	75	75	5	10	13.36	114.92	30.64	36.81	2.87	171.50	45.73
75x75x6	12.50	75	75	6	12	15.63	132.40	35.31	42.96	2.83	197.11	52.56

Other custom sizes are available upon request

SHS SQUARE HOLLOW SECTIONS



STAINLESS STEEL

Square Hollow Sections Stainless steel

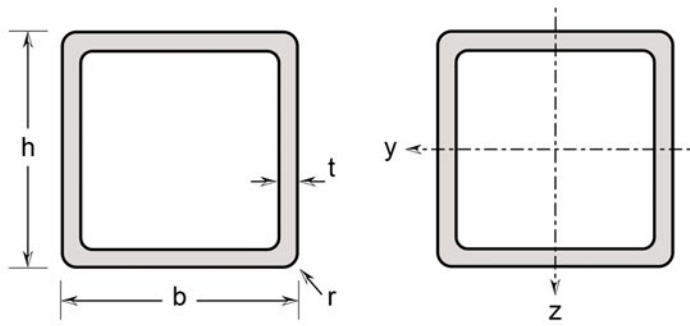
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80x80x3	7.21	80	80	3	6	9.01	91.45	22.86	26.69	3.15	136.96	34.24
80x80x4	9.40	80	80	4	8	11.75	117.38	29.35	34.69	3.11	175.59	43.90
80x80x5	11.49	80	80	5	10	14.36	141.25	35.31	42.25	3.07	210.94	52.73
80x80x6	13.46	80	80	6	12	16.83	163.16	40.79	49.39	3.03	243.13	60.78
80x80x8	16.67	80	80	8	20	20.84	201.52	50.38	62.46	2.96	298.60	74.65
90x90x3	8.17	90	90	3	6	10.21	131.86	29.30	34.07	3.55	197.55	43.90
90x90x4	10.68	90	90	4	8	13.35	169.98	37.77	44.41	3.51	254.42	56.54
90x90x5	13.09	90	90	5	10	16.36	205.42	45.65	54.25	3.48	307.06	68.24
90x90x6	15.38	90	90	6	12	19.23	238.29	52.95	63.61	3.44	355.62	79.03
90x90x8	19.23	90	90	8	20	24.04	296.86	65.97	80.94	3.36	441.09	98.02
100x100x3	9.13	100	100	3	6	11.41	182.71	36.54	42.35	3.96	273.80	54.76
100x100x4	11.96	100	100	4	8	14.95	236.34	47.27	55.33	3.92	353.89	70.78
100x100x5	14.69	100	100	5	10	18.36	286.58	57.32	67.75	3.88	428.69	85.74
100x100x6	17.30	100	100	6	12	21.63	333.59	66.72	79.63	3.85	498.35	99.67
100x100x8	21.79	100	100	8	20	27.24	418.44	83.69	101.82	3.77	622.95	124.59
100x100x10	26.06	100	100	10	25	32.57	492.00	98.40	122.00	3.70	729.00	145.80

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SHS SQUARE HOLLOW SECTIONS



STAINLESS STEEL

Square Hollow Sections Stainless steel

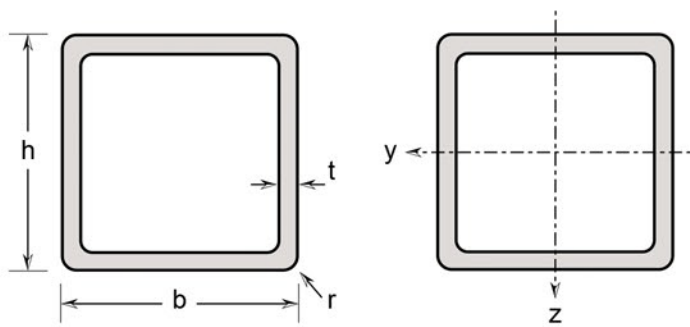
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100x100x12	28.85	100	100	12	36	36.06	555.32	111.06	140.26	3.63	817.77	163.55
120x120x3	11.05	120	120	3	6	13.81	320.53	53.42	61.61	4.78	480.48	80.08
120x120x4	14.52	120	120	4	8	18.15	416.73	69.46	80.77	4.74	624.36	104.06
120x120x5	17.89	120	120	5	10	22.36	507.92	84.65	99.25	4.70	760.44	126.74
120x120x6	21.14	120	120	6	12	26.43	594.26	99.04	117.07	4.66	888.93	148.15
120x120x8	26.91	120	120	8	20	33.64	753.12	125.52	150.78	4.58	1123.94	187.32
120x120x10	32.46	120	120	10	25	40.57	894.67	149.11	182.00	4.51	1331.00	221.83
120x120x12	36.53	120	120	12	36	45.66	1020.21	170.04	210.82	4.44	1511.65	251.94
140x140x3	12.97	140	140	3	6	16.21	514.52	73.50	84.47	5.59	771.41	110.20
140x140x4	17.08	140	140	4	8	21.35	671.37	95.91	111.01	5.55	1006.18	143.74
140x140x5	21.09	140	140	5	10	26.36	821.25	117.32	136.75	5.52	1230.19	175.74
140x140x6	24.98	140	140	6	12	31.23	964.37	137.77	161.71	5.48	1443.66	206.24
140x140x8	32.03	140	140	8	20	40.04	1231.16	175.88	209.34	5.40	1839.97	262.85
140x140x10	38.86	140	140	10	25	48.57	1473.33	210.48	254.00	5.32	2197.00	313.86
140x140x12	44.21	140	140	12	36	55.26	1692.47	241.78	295.78	5.25	2516.58	359.51

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SHS SQUARE HOLLOW SECTIONS



STAINLESS STEEL

Square Hollow Sections Stainless steel

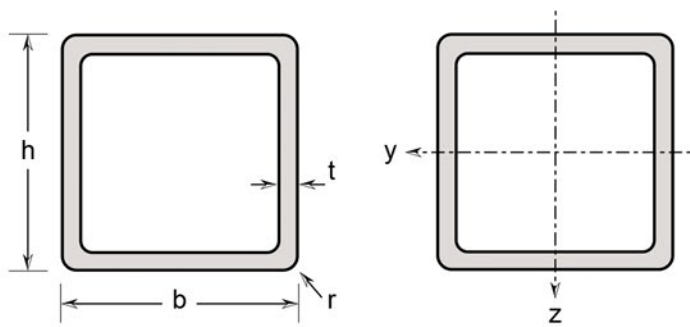
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150x150x3	13.93	150	150	3	6	17.41	635.57	84.74	97.25	6.00	952.96	127.06
150x150x4	18.36	150	150	4	8	22.95	830.53	110.74	127.93	5.96	1244.85	165.98
150x150x5	22.69	150	150	5	10	28.36	1017.42	135.66	157.75	5.92	1524.31	203.24
150x150x6	26.90	150	150	6	12	33.63	1196.47	159.53	186.73	5.88	1791.59	238.88
150x150x8	34.59	150	150	8	20	43.24	1531.93	204.26	242.22	5.81	2290.63	305.42
150x150x10	42.06	150	150	10	25	52.57	1838.67	245.16	294.50	5.73	2744.00	365.87
150x150x12	48.05	150	150	12	36	60.06	2118.36	282.45	343.66	5.66	3153.69	420.49
160x160x3	14.89	160	160	3	6	18.61	774.26	96.78	110.93	6.41	1160.97	145.12
160x160x4	19.64	160	160	4	8	24.55	1013.04	126.63	146.05	6.37	1518.57	189.82
160x160x5	24.29	160	160	5	10	30.36	1242.58	155.32	180.25	6.33	1861.94	232.74
160x160x6	28.82	160	160	6	12	36.03	1463.12	182.89	213.55	6.29	2191.36	273.92
160x160x8	37.15	160	160	8	20	46.44	1878.15	234.77	277.50	6.21	2809.45	351.18
160x160x10	45.26	160	160	10	25	56.57	2260.00	282.50	338.00	6.14	3375.00	421.88
160x160x12	51.89	160	160	12	36	64.86	2610.48	326.31	395.14	6.06	3890.15	486.27
180x180x3	16.81	180	180	3	6	21.01	1109.37	123.26	140.99	7.23	1663.57	184.84
180x180x4	22.20	180	180	4	8	27.75	1454.56	161.62	185.89	7.19	2180.71	242.30

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SHS SQUARE HOLLOW SECTIONS



STAINLESS STEEL

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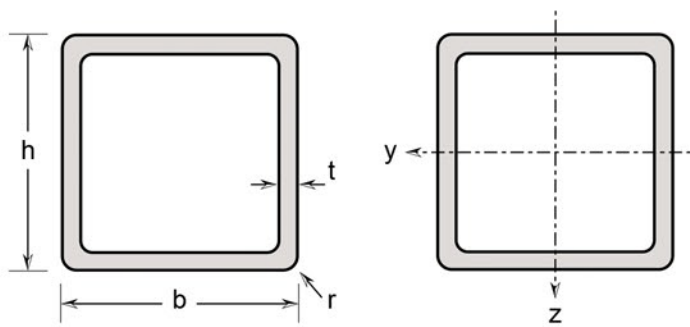
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180x180x5	27.49	180	180	5	10	34.36	1787.92	198.66	229.75	7.15	2679.69	297.74
180x180x6	32.66	180	180	6	12	40.83	2109.72	234.41	272.59	7.11	3160.81	351.20
180x180x8	42.27	180	180	8	20	52.84	2719.71	302.19	355.26	7.03	4070.76	452.31
180x180x10	51.66	180	180	10	25	64.57	3286.67	365.19	434.00	6.95	4913.00	545.89
180x180x12	59.57	180	180	12	36	74.46	3812.66	423.63	508.90	6.88	5689.96	632.22
200x200x3	18.73	200	200	3	6	23.41	1529.43	152.94	174.65	8.04	2293.61	229.36
200x200x4	24.76	200	200	4	8	30.95	2008.71	200.87	230.53	8.00	3011.81	301.18
200x200x5	30.69	200	200	5	10	38.36	2473.25	247.33	285.25	7.96	3707.44	370.74
200x200x6	36.50	200	200	6	12	45.63	2923.35	292.33	338.83	7.92	4380.83	438.08
200x200x8	47.39	200	200	8	20	59.24	3781.43	378.14	442.62	7.85	5662.31	566.23
200x200x10	58.06	200	200	10	25	72.57	4585.33	458.53	542.00	7.77	6859.00	685.90
200x200x12	67.25	200	200	12	36	84.06	5337.40	533.74	637.06	7.69	7973.61	797.36
220x220x4	27.32	220	220	4	8	34.15	2688.31	244.39	279.97	8.82	4031.08	366.46
220x220x5	33.89	220	220	5	10	42.36	3314.58	301.33	346.75	8.78	4969.19	451.74
220x220x6	40.34	220	220	6	12	50.43	3923.22	356.66	412.27	8.74	5880.21	534.56
220x220x8	52.51	220	220	8	20	65.64	5088.90	462.63	539.58	8.66	7622.50	692.95

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SHS SQUARE HOLLOW SECTIONS



STAINLESS STEEL

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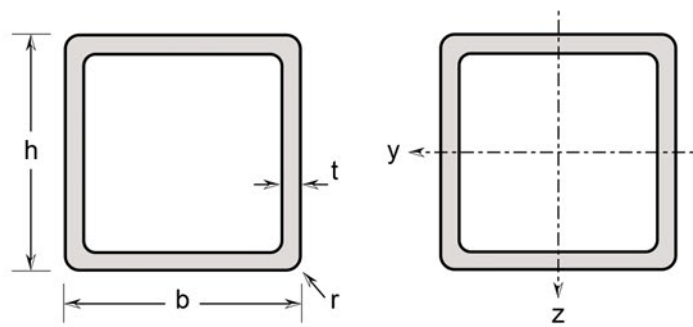
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220x220x10	64.46	220	220	10	25	80.57	6188.00	562.55	662.00	8.58	9261.00	841.91
220x220x12	74.93	220	220	12	36	93.66	7223.09	656.64	779.62	8.51	10798.69	981.70
250x250x5	38.69	250	250	5	10	48.36	4904.08	392.33	450.25	10.00	7353.06	588.25
250x250x6	46.10	250	250	6	12	57.63	5814.23	465.14	535.93	9.96	8716.07	697.29
250x250x8	60.19	250	250	8	20	75.24	7566.92	605.35	703.02	9.89	11337.99	907.04
250x250x10	74.06	250	250	10	25	92.57	9232.00	738.56	864.50	9.81	13824.00	1105.92
250x250x12	86.45	250	250	12	36	108.06	10812.44	864.99	1020.46	9.73	16177.53	1294.20
300x300x5	46.69	300	300	5	10	58.36	8559.92	570.66	652.75	12.05	12836.19	855.75
300x300x6	55.70	300	300	6	12	69.63	10169.11	677.94	778.03	12.00	15247.31	1016.49
300x300x8	72.99	300	300	8	20	91.24	13288.41	885.89	1023.42	11.93	19917.67	1327.84
300x300x10	90.06	300	300	10	25	112.57	16278.67	1085.24	1262.00	11.85	24389.00	1625.93
300x300x12	105.65	300	300	12	36	132.06	19143.48	1276.23	1493.86	11.77	28665.45	1911.03
350x350x8	85.79	350	350	8	20	107.24	21345.91	1219.77	1403.82	13.97	32001.35	1828.65
350x350x10	106.06	350	350	10	25	132.57	26225.33	1498.59	1734.50	13.89	39304.00	2245.94
350x350x12	124.85	350	350	12	36	156.06	30930.52	1767.46	2057.26	13.81	46337.37	2647.85

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SHS SQUARE HOLLOW SECTIONS



STAINLESS STEEL

Square Hollow Sections Stainless steel

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400x400x8	98.59	400	400	8	20	123.24	32139.40	1606.97	1844.22	16.01	48189.03	2409.45
400x400x10	122.06	400	400	10	25	152.57	39572.00	1978.60	2282.00	15.93	59319.00	2965.95
400x400x12	144.05	400	400	12	36	180.06	46773.56	2338.68	2710.66	15.85	70093.29	3504.66

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