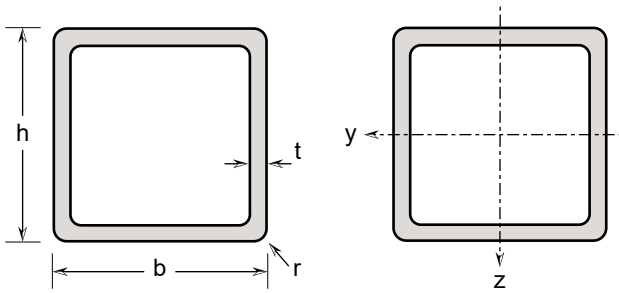


### Square Hollow Sections Stainless steel

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

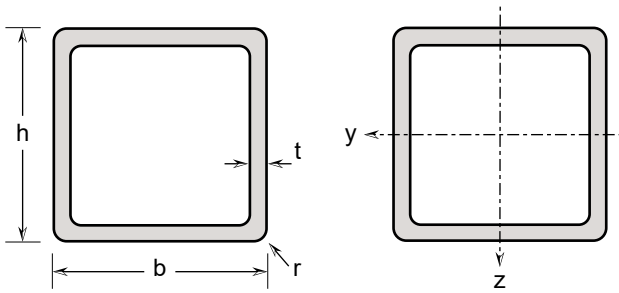
Designation		Dimensions					Structural properties					
							Axis y-y / Axis z-z					
G	h	b	t	r	A	$I_y = I_z$	$W_{ely} = W_{elz}$	$W_{ply} = W_{plz}$	$i_y = i_z$	$I_v$	$W_v$	
kg/m	mm	mm	mm	mm	mm <sup>2</sup> x10 <sup>2</sup>	mm <sup>4</sup> x10 <sup>4</sup>	mm <sup>3</sup> x10 <sup>3</sup>	mm <sup>3</sup> x10 <sup>3</sup>	mm x10	mm <sup>4</sup> x10 <sup>4</sup>	mm <sup>3</sup> x10 <sup>3</sup>	
50	4.33	50	50	3	6	5.41	19.47	7.79	9.39	1.90	32.13	11.80
	5.56	50	50	4	8	6.95	23.74	9.49	11.73	1.85	40.42	14.46
	6.68	50	50	5	10	8.36	27.04	10.82	13.71	1.80	47.46	16.58
60	5.29	60	60	3	6	6.61	35.13	11.71	13.95	2.31	57.09	17.70
	6.84	60	60	4	8	8.55	43.55	14.52	17.65	2.26	72.64	22.03
	8.28	60	60	5	10	10.36	50.49	16.83	20.89	2.21	86.42	25.66
	9.63	60	60	6	12	12.03	56.07	18.69	23.70	2.16	98.41	28.64
70	6.25	70	70	3	6	7.81	57.53	16.44	19.42	2.71	92.42	24.80
	8.12	70	70	4	8	10.15	72.12	20.61	24.76	2.67	118.52	31.19
	9.88	70	70	5	10	12.36	84.63	24.18	29.57	2.62	142.21	36.74
	11.55	70	70	6	12	14.43	95.17	27.19	33.85	2.57	163.49	41.49
75	6.73	75	75	3	6	8.41	71.62	19.10	22.49	2.92	114.54	28.80
	8.76	75	75	4	8	10.95	90.19	24.05	28.77	2.87	147.32	36.38
	10.68	75	75	5	10	13.36	106.33	28.35	34.47	2.82	177.35	43.03
	12.51	75	75	6	12	15.63	120.16	32.04	39.60	2.77	204.62	48.81
80	7.21	80	80	3	6	9.01	87.84	21.96	25.78	3.12	139.93	33.10
	9.40	80	80	4	8	11.75	111.04	27.76	33.08	3.07	180.44	41.96
	11.48	80	80	5	10	14.36	131.44	32.86	39.75	3.03	217.83	49.81
	13.47	80	80	6	12	16.83	149.18	37.29	45.81	2.98	252.07	56.72
	16.67	80	80	8	20	20.84	166.24	41.56	55.18	2.82	307.14	66.60
90	8.17	90	90	3	6	10.21	127.28	28.29	33.05	3.53	201.42	42.60
	10.68	90	90	4	8	13.35	161.92	35.98	42.59	3.48	260.80	54.32
	13.08	90	90	5	10	16.36	192.93	42.87	51.42	3.43	316.26	64.88
	15.39	90	90	6	12	19.23	220.48	48.99	59.56	3.39	367.76	74.35
19.23	90	90	8	20	24.04	252.07	56.02	72.56	3.24	455.59	88.89	



### 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

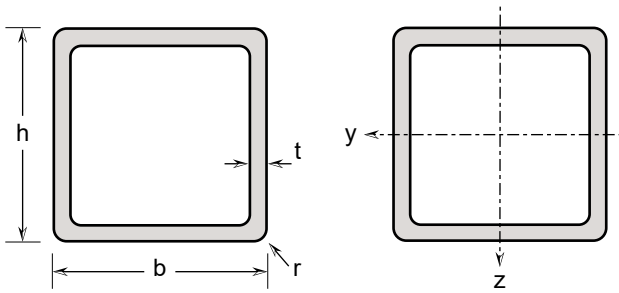
Designation		Dimensions					Structural properties					
		G kg/m	h mm	b mm	t mm	r mm	A mm <sup>2</sup> x10 <sup>2</sup>	Axis y-y / Axis z-z				
							$I_y = I_z$ mm <sup>4</sup> x10 <sup>4</sup>	$W_{ely} = W_{elz}$ mm <sup>3</sup> x10 <sup>3</sup>	$W_{ply} = W_{plz}$ mm <sup>3</sup> x10 <sup>3</sup>	$i_y = i_z$ mm x10	$I_v$ mm <sup>4</sup> x10 <sup>4</sup>	$W_v$ mm <sup>3</sup> x10 <sup>3</sup>
100	9.13	100	100	3	6	11.41	177.05	35.41	41.21	3.94	278.68	53.30
	11.96	100	100	4	8	14.95	226.35	45.27	53.30	3.89	362.01	68.27
	14.68	100	100	5	10	18.36	271.10	54.22	64.60	3.84	440.52	81.95
	17.31	100	100	6	12	21.63	311.47	62.29	75.12	3.79	514.16	94.37
	21.79	100	100	8	20	27.24	363.04	72.61	92.34	3.65	644.51	114.36
	26.05	100	100	10	25	32.57	405.87	81.17	107.77	3.53	749.84	130.08
	28.85	100	100	12	36	36.06	382.28	76.46	120.23	3.26	793.64	135.79
120	11.05	120	120	3	6	13.81	312.35	52.06	60.24	4.76	487.72	78.30
	14.52	120	120	4	8	18.15	402.28	67.05	78.33	4.71	636.57	100.99
	17.88	120	120	5	10	22.36	485.47	80.91	95.46	4.66	778.50	122.07
	21.15	120	120	6	12	26.43	562.16	93.69	111.63	4.61	913.46	141.60
	26.91	120	120	8	20	33.64	673.21	112.20	139.10	4.47	1163.0	174.88
	32.45	120	120	10	25	40.57	770.10	128.35	164.33	4.36	1376.4	202.71
	36.53	120	120	12	36	45.66	770.70	128.45	184.61	4.11	1518.4	219.19
140	12.72	140	140	3	12	15.90	484	69.1	81.1	5.52	790	107.7
150	13.93	150	150	3	6	17.41	622.73	83.03	95.53	5.98	964.61	124.80
	18.36	150	150	4	8	22.95	807.82	107.71	124.87	5.93	1264.8	162.05
	22.68	150	150	5	10	28.36	982.12	130.95	152.99	5.89	1554.1	197.24
	26.91	150	150	6	12	33.63	1145.9	152.79	179.90	5.84	1832.7	230.43
	34.59	150	150	8	20	43.24	1407.0	187.60	227.24	5.70	2364.1	289.61
	42.05	150	150	10	25	52.57	1643.6	219.14	271.68	5.59	2839.2	341.56
	48.05	150	150	12	36	60.06	1730.9	230.79	308.17	5.37	3230.6	380.18
160	14.89	160	160	3	6	18.61	759.64	94.95	109.10	6.39	1174.3	142.70
	19.64	160	160	4	8	24.55	987.17	123.40	142.79	6.34	1541.4	185.61
	24.28	160	160	5	10	30.36	1202.4	150.29	175.17	6.29	1896.3	226.30
	28.83	160	160	6	12	36.03	1405.5	175.69	206.26	6.25	2238.9	264.83



### 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

Designation		Dimensions					Structural properties					
							Axis y-y / Axis z-z			$I_y = I_z$ mm <sup>4</sup> x10 <sup>4</sup>	$W_{ely} = W_{elz}$ mm <sup>3</sup> x10 <sup>3</sup>	$W_{ply} = W_{plz}$ mm <sup>3</sup> x10 <sup>3</sup>
G kg/m	h mm	b mm	t mm	r mm	A mm <sup>2</sup> x10 <sup>2</sup>							
160	37.15	160	160	8	20	46.44	1736.0	217.00	261.43	6.11	2896.6	334.25
	45.25	160	160	10	25	56.57	2038.0	254.75	313.46	6.00	3490.3	395.82
	51.89	160	160	12	36	64.86	2170.9	271.37	356.56	5.79	3996.7	443.42
180	16.81	180	180	3	6	21.01	1090.8	121.20	138.92	7.21	1680.7	182.10
	22.20	180	180	4	8	27.75	1421.7	157.97	182.22	7.16	2210.2	237.52
	27.48	180	180	5	10	34.36	1736.9	192.99	224.03	7.11	2724.2	290.41
	32.67	180	180	6	12	40.83	2036.5	226.28	264.37	7.06	3222.6	340.83
	42.27	180	180	8	20	52.84	2539.9	282.21	336.99	6.93	4188.6	433.11
	51.65	180	180	10	25	64.57	3005.6	333.96	406.03	6.82	5073.6	516.33
	59.57	180	180	12	36	74.46	3259.5	362.17	464.14	6.62	5865.3	584.29
200	18.73	200	200	3	6	23.41	1506.5	150.65	172.35	8.02	2314.9	226.29
	24.76	200	200	4	8	30.95	1968.1	196.81	226.44	7.97	3048.7	295.82
	30.68	200	200	5	10	38.36	2410.1	241.01	278.88	7.93	3763.3	362.52
	36.51	200	200	6	12	45.63	2832.7	283.27	329.69	7.88	4458.8	426.44
	47.39	200	200	8	20	59.24	3559.5	355.95	422.15	7.75	5815.2	544.76
	58.05	200	200	10	25	72.57	4238.4	423.84	510.60	7.64	7071.7	652.82
	67.25	200	200	12	36	84.06	4658.4	465.84	586.12	7.44	8230.1	744.34
220	27.32	220	220	4	8	34.15	2639.1	239.92	275.47	8.79	4076.1	360.53
	33.88	220	220	5	10	42.36	3238.0	294.37	339.74	8.74	5037.7	442.62
	40.35	220	220	6	12	50.43	3813.4	346.67	402.20	8.70	5976.2	521.63
	52.51	220	220	8	20	65.64	4820.5	438.23	516.91	8.57	7814.8	669.21
	64.45	220	220	10	25	80.57	5768.3	524.39	627.16	8.46	9532.8	805.30
	74.93	220	220	12	36	94	6405.8	582.3	722.5	8.3	11148.8	923.57
250	38.68	250	250	5	10	48.36	4805.0	384.40	442.27	9.97	7443.0	577.78
	46.11	250	250	6	12	57.63	5672.0	453.76	524.47	9.92	8842.5	682.43
	60.19	250	250	8	20	75.24	7220.5	577.64	677.06	9.80	11598	879.88



### 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

							Structural properties					
Designation		Dimensions					Axis y-y / Axis z-z					
	G kg/m	h mm	b mm	t mm	r mm	A mm <sup>2</sup> x10 <sup>2</sup>	I <sub>y</sub> =I <sub>z</sub> mm <sup>4</sup> x10 <sup>4</sup>	W <sub>ely</sub> = W <sub>elz</sub> mm <sup>3</sup> x10 <sup>3</sup>	W <sub>ply</sub> = W <sub>plz</sub> mm <sup>3</sup> x10 <sup>3</sup>	i <sub>y</sub> = i <sub>z</sub> mm x10	I <sub>v</sub> mm <sup>4</sup> x10 <sup>4</sup>	W <sub>v</sub> mm <sup>3</sup> x10 <sup>3</sup>
250	74.05	250	250	10	25	92.57	8690.2	695.22	824.51	9.69	14197	1064.0
	86.45	250	250	12	36	108.06	9764.5	781.16	954.07	9.51	16691	1228.4
300	46.68	300	300	5	10	58.36	8416.9	561.13	643.16	12.01	12968	843.04
	55.71	300	300	6	12	69.63	9963.7	664.24	764.25	11.96	15434	998.41
	72.99	300	300	8	20	91.24	12790	852.67	991.96	11.84	20312	1295.0
	90.05	300	300	10	25	112.57	15499	1033.3	1213.4	11.73	24966	1575.1
	105.65	300	300	12	36	132.06	17649	1176.6	1412.0	11.56	29514	1832.4
350	85.79	350	350	8	20	107.24	20668	1181.0	1366.9	13.88	32557	1790.0
	106.05	350	350	10	25	132.57	25165	1438.0	1677.3	13.78	40127	2186.2
	124.85	350	350	12	36	156.06	28913	1652.2	1960.0	13.61	47598	2556.3
400	98.59	400	400	8	20	123.24	31255	1562.7	1801.8	15.92	48934	2365.1
	122.05	400	400	10	25	152.57	38188	1909.4	2216.3	15.82	60431	2897.3
	144.05	400	400	12	36	180.06	44155	2207.8	2597.9	15.66	71843	3400.3