

Hollow Structural Sections

Construction, industrial, automotive and furniture.

Production Standards	>	BS EN 39, DIN EN 10219-2, DIN 2395, DIN 1615 - DIN 2458, DIN 17120, DIN 59411 ASTM A252, ASTM A513, ASTM A500 Gr A, B, C
Steel Qualities	>	S23S, S27S, S35S, ST12-03/DC01, ST37-2, SAE C1010, SAE C1022

Square Tubes

DIMENSION	THICKNESS (mm)															
	0.70	0.80	0.90	1.00	1.10	1.20	1.50	1.80	2.00	2.50	3.00	4.00	5.00	6.00	7.00	8.00
A x A (inch)	1 x 1	0.540	0.615	0.690	0.764	0.800	0.912	1.120	1.340	1.480	1.810	2.140				
	1 1/4 x 1 1/4		0.780	0.868	0.962	1.020	1.150	1.420	1.700	1.870	2.310	2.730				
	1 1/2 x 1 1/2			1.040	1.150	1.240	1.380	1.720	2.050	2.270	2.800	3.330	4.430			
	2 x 2				1.520	1.680	1.820	2.270	2.710	3.010	3.730	4.440	5.820	6.820		
	2 1/2 x 2 1/2							2.900	3.470	3.850	4.780	5.700	7.500	8.750		
	3 x 3							3.460	4.140	4.590	5.700	6.810	8.980	10.360	12.280	
	3 1/2 x 3 1/2								4.980	5.520	6.870	8.210	10.900	12.708	15.101	
	4 x 4									6.160	7.680	9.170	12.140	15.050	17.020	
	5 x 5										9.650	11.450	15.300	19.000	21.670	
	6 x 6											14.060	18.650	23.190	27.680	
A x A (mm)	8 x 8	0.170	0.194	0.219	0.243	0.267	0.287									
	10 x 10	0.214	0.244	0.275	0.306	0.336	0.362									
	12 x 12	0.258	0.295	0.331	0.368	0.405	0.437	0.546								
	15 x 15	0.316	0.359	0.401	0.440	0.440	0.527	0.647	0.763	0.839						
	19 x 19	0.411	0.470	0.529	0.588	0.646	0.700	0.875	1.046	1.159						
	20 x 20	0.419	0.477	0.535	0.592	0.610	0.704	0.869	1.030	1.130	1.380	1.630				
	25 x 25	0.540	0.615	0.690	0.764	0.780	0.912	1.120	1.340	1.480	1.810	2.140				
	30 x 30		0.734	0.823	0.912	0.960	1.090	1.350	1.610	1.780	2.190	2.590				
	40 x 40			1.090	1.210	1.300	1.440	1.830	2.180	2.410	2.990	3.550	4.630			
	50 x 50				1.520	1.650	1.820	2.270	2.710	3.010	3.730	4.440	5.820	7.150		
	60 x 60					1.990	2.216	2.750	3.290	3.650	4.530	5.400	7.100	8.750		
	70 x 70					2.340	2.590	3.230	3.870	4.290	5.330	6.360	8.390	10.360	12.280	
	75 x 75									4.590	5.700	6.810	8.980	11.100	13.170	
	80 x 80							3.710	4.450	4.930	6.130	7.320	9.670	11.960	14.210	
	90 x 90									5.520	6.870	8.210	10.900	13.440	15.990	
	100 x 100									6.160	7.680	9.170	12.140	15.050	17.910	
	120 x 120										9.240	11.050	14.640	18.180	21.670	
125 x 125										9.650	11.550	15.300	19.000	22.650		
127 x 127										9.650	11.450	15.300	19.000	21.670		
135 x 135										10.580	12.650	16.770	20.830	24.850	29.624	33.856
175 x 175												21.557	26.829	32.054	37.232	42.363

Rectangular Tubes

DIMENSION	THICKNESS (mm)															
	0.70	0.80	0.90	1.00	1.10	1.20	1.50	1.80	2.00	2.50	3.00	4.00	5.00	6.00	7.00	8.00
A x B (inch)	1 1/2 x 1		0.734	0.823	0.912	1.020	1.090	1.350	1.610	1.780	2.190	2.590				
	2 x 1				1.150	1.240	1.380	1.720	2.050	2.270	2.800	3.330	4.340			
	2 x 1 1/2				1.380	1.460	1.650	2.050	2.450	2.710	3.360	3.990	5.230	6.410		
	3 x 1					1.680	1.820	2.270	2.710	3.010	3.730	4.440	5.820	7.150		
	3 x 1 1/2							2.530	3.030	3.350	4.160	4.960	6.510	8.010		
	3 x 2							2.906	3.473	3.849	4.410	4.781	5.150	5.700		
	4 x 2							4.140	4.590	5.700	6.810	8.980	11.100	13.170		
	4 x 3							4.717	5.231	6.508	7.772	10.265	12.708	14.210		
	5 x 2								5.231	6.508	7.772	10.265	12.708	14.210		
	5 x 3								6.160	7.680	9.170	12.140	15.050	17.020		
	6 x 2								6.160	7.680	9.170	12.140	15.050	17.910		
	6 x 3									8.540	10.210	13.520	16.770	19.980		
	6 x 4									9.220	11.030	14.610	15.140	21.610		
	8 x 4											14.120	18.720	23.280	27.790	
A x B (mm)	20 x 10	0.316	0.359	0.401	0.444	0.440	0.527	0.647	0.763	0.839						
	30 x 20		0.615	0.690	0.764	0.780	0.912	1.120	1.340	1.480	1.810	2.140				
	40 x 20		0.734	0.823	0.912	0.960	1.090	1.350	1.610	1.780	2.190	2.590	3.350			
	50 x 30				1.210	1.300	1.440	1.830	2.180	2.410	2.990	3.550	4.630			
	60 x 30				1.380	1.470	1.650	2.050	2.450	2.710	3.360	3.990	5.230			
	80 x 40							2.750	3.290	3.650	4.530	5.400	7.100	8.750		
	100 x 40							3.230	3.870	4.290	5.330	6.360	8.390	10.860	12.280	
	100 x 50							3.580	4.140	4.590	5.700	6.810	8.980	11.100	13.170	
	120 x 60									5.520	6.870	8.210	10.900	13.440	15.990	
	150 x 75											10.364	13.724	17.038	20.304	23.524
	115 x 110											10.364	13.724	17.038	20.304	23.524
	170 x 100											12.479	15.544	20.563	24.534	28.459
200 x 150												21.557	26.829	32.054	37.232	42.363