

Atlas HSS Section Properties (Square) - ASTM A500

Designation	Shape			Design Wall Thickness, t	Nominal Wt	Area, A	b/t	h/t	I	S	r	Z	Workable Flat	Torsion		Surface Area
	H	B	t _{nom}											J	C	
	in	in	in											in. ⁴	in. ³	
HSS 22 x 22 x 7/8	22	22	0.875	0.875	244.88	72.0	22.1	22.1	5280	480	8.56	565	18.063	8420	778	7.08
HSS 22 x 22 x 3/4	22	22	0.750	0.750	212.00	62.3	26.3	26.3	4630	421	8.62	492	18.625	7330	676	7.12
				0.000												
HSS 20 x 20 x 7/8	20	20	0.875	0.875	221.06	65.0	19.9	19.9	3900	390	7.75	461	16.063	6260	638	6.42
HSS 20 x 20 x 3/4	20	20	0.750	0.750	191.58	56.3	23.7	23.7	3430	343	7.81	403	16.625	5460	554	6.45
HSS 20 x 20 x 5/8	20	20	0.625	0.625	161.40	47.4	29.0	29.0	2940	294	7.88	342	17.188	4620	468	6.49
HSS 20 x 20 x 1/2	20	20	0.500	0.500	130.52	38.4	37.0	37.0	2410	241	7.92	279	17.750	3760	380	6.52
HSS 20 x 20 x 3/8	20	20	0.375	0.375	98.94	29.1	50.3	50.3	1850	185	7.97	213	18.313	2870	289	6.56
				0.000												
HSS 18 x 18 x 7/8	18	18	0.875	0.875	197.24	58.0	17.6	17.6	2780	309	6.92	368	14.063	4500	511	5.75
HSS 18 x 18 x 3/4	18	18	0.750	0.750	171.16	50.3	21.0	21.0	2460	273	6.99	322	14.625	3930	445	5.79
HSS 18 x 18 x 5/8	18	18	0.625	0.625	144.39	42.4	25.8	25.8	2110	234	7.05	274	15.188	3340	376	5.82
HSS 18 x 18 x 1/2	18	18	0.500	0.500	116.91	34.4	33.0	33.0	1740	193	7.11	224	15.750	2720	306	5.86
HSS 18 x 18 x 3/8	18	18	0.375	0.375	88.73	26.1	45	45	1340	149	7.17	172	16.313	2080	233	5.89
				0.000												
HSS 16 x 16 x 7/8	16	16	0.875	0.875	173.43	51.0	15.3	15.3	1900	238	6.10	285	12.063	3100	398	5.08
HSS 16 x 16 x 3/4	16	16	0.750	0.750	150.75	44.3	18.3	18.3	1690	211	6.18	250	12.625	2720	347	5.12
HSS 16 x 16 x 5/8	16	16	0.625	0.581	127.37	35.0	24.5	24.5	1370	171	6.26	200	13.188	2170	276	5.17
HSS 16 x 16 x 1/2	16	16	0.500	0.465	103.30	28.3	31.4	31.4	1130	141	6.32	164	13.750	1770	224	5.20
HSS 16 x 16 x 3/8	16	16	0.375	0.349	78.52	21.5	42.8	42.8	873	109	6.37	126	14.313	1350	171	5.23
HSS 16 x 16 x 5/16	16	16	0.313	0.291	65.87	18.1	52.0	52.0	739	92.4	6.39	106	14.594	1140	144	5.25
HSS 14 x 14 x 7/8	14	14	0.875	0.875	149.61	44.0	13.0	13.0	1230	176	5.29	213	10.063	2030	299	4.42
HSS 14 x 14 x 3/4	14	14	0.750	0.750	130.33	38.3	15.7	15.7	1100	157	5.36	188	10.625	1790	262	4.45
HSS 14 x 14 x 5/8	14	14	0.625	0.581	110.36	30.3	21.1	21.1	897	128	5.44	151	11.188	1430	208	4.50
HSS 14 x 14 x 1/2	14	14	0.500	0.465	89.68	24.6	27.1	27.1	743	106	5.50	124	11.750	1170	170	4.53
HSS 14 x 14 x 3/8	14	14	0.375	0.349	68.31	18.7	37.1	37.1	577	82.4	5.55	95	12.313	900	130	4.57
HSS 14 x 14 x 5/16	14	14	0.313	0.291	57.36	15.7	45.1	45.1	490	70.0	5.59	81	12.594	759	109	4.58
HSS 12 x 12 x 3/4	12	12	0.750	0.750	109.91	32.3	13.0	13.0	666	111	4.54	134	8.625	1100	188	3.79
HSS 12 x 12 x 5/8	12	12	0.625	0.581	93.34	25.7	17.7	17.7	548	91.3	4.62	109	9.188	885	151	3.83
HSS 12 x 12 x 1/2	12	12	0.500	0.465	76.07	20.9	22.8	22.8	457	76.2	4.68	89.6	9.750	728	123	3.87
HSS 12 x 12 x 3/8	12	12	0.375	0.349	58.10	16.0	31.4	31.4	357	59.5	4.72	69.2	10.313	561	94.6	3.90
HSS 12 x 12 x 5/16	12	12	0.313	0.291	48.86	13.4	38.2	38.2	304	50.7	4.76	58.6	10.594	474	79.7	3.92
HSS 12 x 12 x 1/4	12	12	0.250	0.233	39.43	10.8	48.5	48.5	248	41.3	4.79	47.6	10.875	384	64.5	3.93
HSS 10 x 10 x 3/4	10	10	0.750	0.750	89.50	26.3	10.3	10.3	364	72.8	3.72	89.4	6.625	610	127	3.12
HSS 10 x 10 x 5/8	10	10	0.625	0.581	76.33	21.0	14.2	14.2	304	60.8	3.80	73.2	7.188	498	102	3.17
HSS 10 x 10 x 1/2	10	10	0.500	0.465	62.46	17.2	18.5	18.5	256	51.2	3.86	60.7	7.750	412	84.2	3.20
HSS 10 x 10 x 3/8	10	10	0.375	0.349	47.90	13.2	25.7	25.7	202	40.4	3.91	47.2	8.313	320	64.8	3.23
HSS 10 x 10 x 5/16	10	10	0.313	0.291	40.35	11.1	31.4	31.4	172	34.4	3.94	40.1	8.594	271	54.8	3.25
HSS 10 x 10 x 1/4	10	10	0.250	0.233	32.63	8.96	39.9	39.9	141	28.2	3.97	32.7	8.875	220	44.4	3.27

Atlas HSS Section Properties (Square) - ASTM A500

Designation	Shape			Design Wall Thickness, t	Nominal Wt	Area, A	b/t	h/t	I	S	r	Z	Workable Flat	Torsion		Surface Area
	H	B	t _{nom}											J	C	
	in	in	in											in. ⁴	in. ³	
HSS 10 x 10 x 3/16	10	10	0.188	0.174	24.73	6.76	54.5	54.5	108	21.6	4.00	24.8	9.156	167	33.6	3.28
HSS 9 x 9 x 5/8	9	9	0.625	0.581	67.82	18.7	12.5	12.5	216	48.0	3.40	58.1	6.188	356	81.6	2.83
HSS 9 x 9 x 1/2	9	9	0.500	0.465	55.66	15.3	16.4	16.4	183	40.7	3.46	48.4	6.750	296	67.4	2.87
HSS 9 x 9 x 3/8	9	9	0.375	0.349	42.79	11.8	22.8	22.8	145	32.2	3.51	37.8	7.313	231	52.1	2.90
HSS 9 x 9 x 5/16	9	9	0.313	0.291	36.10	9.92	27.9	27.9	124	27.6	3.54	32.1	7.594	196	44.0	2.92
HSS 9 x 9 x 1/4	9	9	0.250	0.233	29.23	8.03	35.6	35.6	102	22.7	3.56	26.2	7.875	159	35.8	2.93
HSS 9 x 9 x 3/16	9	9	0.188	0.174	22.18	6.06	48.7	48.7	78.2	17.4	3.59	20.0	8.156	121	27.1	2.95
HSS 8 x 8 x 5/8	8	8	0.625	0.581	59.32	16.4	10.8	10.8	146	36.5	2.98	44.7	5.188	244	63.2	2.50
HSS 8 x 8 x 1/2	8	8	0.500	0.465	48.85	13.5	14.2	14.2	125	31.3	3.04	37.5	5.750	204	52.4	2.53
HSS 8 x 8 x 3/8	8	8	0.375	0.349	37.69	10.4	19.9	19.9	100	25.0	3.10	29.4	6.313	160	40.7	2.57
HSS 8 x 8 x 5/16	8	8	0.313	0.291	31.84	8.76	24.5	24.5	85.6	21.4	3.13	25.1	6.594	136	34.5	2.58
HSS 8 x 8 x 1/4	8	8	0.250	0.233	25.82	7.10	31.3	31.3	70.7	17.7	3.16	20.5	6.875	111	28.1	2.60
HSS 8 x 8 x 3/16	8	8	0.188	0.174	19.63	5.37	43.0	43.0	54.4	13.6	3.18	15.7	7.156	84.5	21.3	2.62
HSS 7 x 7 x 5/8	7	7	0.625	0.581	50.81	14.0	9.0	9.0	93.4	26.7	2.58	33.1	4.188	158	47.1	2.17
HSS 7 x 7 x 1/2	7	7	0.500	0.465	42.05	11.6	12.1	12.1	80.5	23.0	2.63	27.9	4.750	133	39.3	2.20
HSS 7 x 7 x 3/8	7	7	0.375	0.349	32.58	8.97	17.1	17.1	65.0	18.6	2.69	22.1	5.313	105	30.7	2.23
HSS 7 x 7 x 5/16	7	7	0.313	0.291	27.59	7.59	21.1	21.1	56.1	16.0	2.72	18.9	5.594	89.7	26.1	2.25
HSS 7 x 7 x 1/4	7	7	0.250	0.233	22.42	6.17	27.0	27.0	46.5	13.3	2.75	15.5	5.875	73.5	21.3	2.27
HSS 7 x 7 x 3/16	7	7	0.188	0.174	17.08	4.67	37.2	37.2	36.0	10.3	2.78	11.9	6.156	56.1	16.2	2.28
HSS 6 x 6 x 5/8	6	6	0.625	0.581	42.30	11.72	7.3	7.3	55.2	18.4	2.17	23.2	3.188	94.9	33.4	1.83
HSS 6 x 6 x 1/2	6	6	0.500	0.465	35.24	9.74	9.9	9.9	48.3	16.1	2.23	19.8	3.750	81.1	28.1	1.87
HSS 6 x 6 x 3/8	6	6	0.375	0.349	27.48	7.58	14.2	14.2	39.5	13.2	2.28	15.8	4.313	64.6	22.1	1.90
HSS 6 x 6 x 5/16	6	6	0.313	0.291	23.34	6.43	17.6	17.6	34.3	11.4	2.31	13.6	4.594	55.4	18.9	1.92
HSS 6 x 6 x 1/4	6	6	0.250	0.233	19.02	5.24	22.8	22.8	28.6	9.53	2.34	11.2	4.875	45.6	15.4	1.93
HSS 6 x 6 x 3/16	6	6	0.188	0.174	14.53	3.98	31.5	31.5	22.3	7.43	2.37	8.63	5.156	35.0	11.8	1.95
HSS 5 x 5 x 1/2	5	5	0.500	0.465	28.43	7.88	7.8	7.8	26.0	10.4	1.82	13.1	2.750	44.6	18.7	1.53
HSS 5 x 5 x 3/8	5	5	0.375	0.349	22.37	6.18	11.3	11.3	21.7	8.68	1.87	10.6	3.313	36.1	14.9	1.57
HSS 5 x 5 x 5/16	5	5	0.313	0.291	19.08	5.26	14.2	14.2	19.0	7.60	1.90	9.16	3.594	31.2	12.8	1.58
HSS 5 x 5 x 1/4	5	5	0.250	0.233	15.62	4.30	18.5	18.5	16.0	6.40	1.93	7.61	3.875	25.8	10.5	1.60
HSS 5 x 5 x 3/16	5	5	0.188	0.174	11.97	3.28	25.7	25.7	12.6	5.04	1.96	5.89	4.156	19.9	8.08	1.62
HSS 5 x 5 x 1/8	5	5	0.125	0.116	8.16	2.23	40.1	40.1	8.80	3.52	1.99	4.07	4.438	13.7	5.53	1.63
HSS 4.5 x 4.5 x 1/2	4.5	4.5	0.500	0.465	25.03	6.95	6.7	6.7	18.1	8.04	1.61	10.20	2.250	31.3	14.8	1.37
HSS 4.5 x 4.5 x 3/8	4.5	4.5	0.375	0.349	19.82	5.48	9.9	9.9	15.3	6.80	1.67	8.36	2.813	25.7	11.9	1.40
HSS 4.5 x 4.5 x 5/16	4.5	4.5	0.313	0.291	16.96	4.68	12.5	12.5	13.5	6.00	1.70	7.27	3.094	22.3	10.2	1.42
HSS 4.5 x 4.5 x 1/4	4.5	4.5	0.250	0.233	13.91	3.84	16.3	16.3	11.4	5.07	1.72	6.06	3.375	18.5	8.44	1.43
HSS 4.5 x 4.5 x 3/16	4.5	4.5	0.188	0.174	10.70	2.93	22.9	22.9	9.02	4.01	1.75	4.71	3.656	14.4	6.49	1.45
HSS 4.5 x 4.5 x 1/8	4.5	4.5	0.125	0.116	7.31	2.00	35.8	35.8	6.35	2.82	1.78	3.27	3.938	9.92	4.45	1.47

Atlas HSS Section Properties (Square) - ASTM A500

Designation	Shape			Design Wall Thickness, t	Nominal Wt	Area, A	b/t	h/t	I	S	r	Z	Workable Flat	Torsion		Surface Area
	H	B	t _{nom}											J	C	
	in	in	in											in. ⁴	in. ³	
HSS 4 x 4 x 1/2	4	4	0.500	0.465	21.63	6.02	5.6	5.6	11.9	5.95	1.41	7.70	1.750	21.0	11.2	1.20
HSS 4 x 4 x 3/8	4	4	0.375	0.349	17.27	4.78	8.5	8.5	10.3	5.15	1.47	6.39	2.313	17.5	9.14	1.23
HSS 4 x 4 x 5/16	4	4	0.313	0.291	14.83	4.10	10.7	10.7	9.14	4.57	1.49	5.59	2.594	15.3	7.91	1.25
HSS 4 x 4 x 1/4	4	4	0.250	0.233	12.21	3.37	14.2	14.2	7.80	3.90	1.52	4.69	2.875	12.8	6.56	1.27
HSS 4 x 4 x 3/16	4	4	0.188	0.174	9.42	2.58	20.0	20.0	6.21	3.11	1.55	3.67	3.156	10.0	5.07	1.28
HSS 4 x 4 x 1/8	4	4	0.125	0.116	6.46	1.77	31.5	31.5	4.40	2.20	1.58	2.56	3.438	6.91	3.49	1.30
HSS 4 x 4 x .120	4	4	0.120	0.112	6.21	1.71	32.7	32.7	4.27	2.14	1.58	2.48	3.460	6.69	3.38	1.30
HSS 3.5 x 3.5 x 3/8	3.5	3.5	0.375	0.349	14.72	4.09	7.0	7.0	6.49	3.71	1.26	4.69	1.813	11.2	6.77	1.07
HSS 3.5 x 3.5 x 5/16	3.5	3.5	0.313	0.291	12.70	3.52	9.0	9.0	5.84	3.34	1.29	4.14	2.094	9.89	5.90	1.08
HSS 3.5 x 3.5 x 1/4	3.5	3.5	0.250	0.233	10.51	2.91	12.0	12.0	5.04	2.88	1.32	3.50	2.375	8.35	4.92	1.10
HSS 3.5 x 3.5 x 3/16	3.5	3.5	0.188	0.174	8.15	2.24	17.1	17.1	4.05	2.31	1.34	2.76	2.656	6.56	3.83	1.12
HSS 3.5 x 3.5 x 1/8	3.5	3.5	0.125	0.116	5.61	1.54	27.2	27.2	2.90	1.66	1.37	1.93	2.938	4.58	2.65	1.13
HSS 3.5 x 3.5 x .120	3.5	3.5	0.120	0.112	5.39	1.49	28.3	28.3	2.81	1.61	1.37	1.87	2.960	4.43	2.57	1.13
HSS 3 x 3 x 3/8	3	3	0.375	0.349	12.17	3.39	5.6	5.6	3.78	2.52	1.06	3.25	1.313	6.64	4.74	0.900
HSS 3 x 3 x 5/16	3	3	0.313	0.291	10.58	2.94	7.3	7.3	3.45	2.30	1.08	2.90	1.594	5.94	4.18	0.917
HSS 3 x 3 x 1/4	3	3	0.250	0.233	8.81	2.44	9.9	9.9	3.02	2.01	1.11	2.48	1.875	5.08	3.52	0.933
HSS 3 x 3 x .238	3	3	0.238	0.221	8.45	2.33	10.6	10.6	2.92	1.95	1.12	2.38	1.929	4.88	3.37	0.937
HSS 3 x 3 x 3/16	3	3	0.188	0.174	6.87	1.89	14.2	14.2	2.46	1.64	1.14	1.97	2.156	4.03	2.76	0.950
HSS 3 x 3 x .165	3	3	0.165	0.153	6.13	1.68	16.6	16.6	2.23	1.49	1.15	1.77	2.258	3.62	2.47	0.956
HSS 3 x 3 x .134	3	3	0.134	0.125	5.07	1.40	21.0	21.0	1.90	1.27	1.16	1.49	2.397	3.03	2.06	0.964
HSS 3 x 3 x 1/8	3	3	0.125	0.116	4.75	1.30	22.9	22.9	1.78	1.19	1.17	1.40	2.438	2.84	1.92	0.967
HSS 3 x 3 x .120	3	3	0.120	0.112	4.58	1.26	23.8	23.8	1.73	1.15	1.17	1.35	2.460	2.75	1.86	0.968
HSS 3 x 3 x .083	3	3	0.083	0.077	3.24	0.89	36.0	36.0	1.25	0.83	1.19	0.96	2.627	1.95	1.31	0.978
HSS 2.5 x 2.5 x 1/4	2.5	2.5	0.250	0.233	7.11	1.97	7.7	7.7	1.63	1.30	0.910	1.63	1.375	2.79	2.35	0.767
HSS 2.5 x 2.5 x .238	2.5	2.5	0.238	0.221	6.83	1.89	8.3	8.3	1.58	1.26	0.914	1.58	1.429	2.69	2.25	0.770
HSS 2.5 x 2.5 x 3/16	2.5	2.5	0.188	0.174	5.59	1.54	11.4	11.4	1.35	1.08	0.936	1.32	1.656	2.25	1.86	0.784
HSS 2.5 x 2.5 x .165	2.5	2.5	0.165	0.153	5.01	1.38	13.3	13.3	1.23	0.98	0.944	1.19	1.758	2.03	1.67	0.790
HSS 2.5 x 2.5 x .134	2.5	2.5	0.134	0.125	4.16	1.15	17.0	17.0	1.06	0.85	0.960	1.01	1.897	1.71	1.40	0.798
HSS 2.5 x 2.5 x 1/8	2.5	2.5	0.125	0.116	3.90	1.07	18.6	18.6	0.998	0.798	0.966	0.947	1.938	1.61	1.31	0.800
HSS 2.5 x 2.5 x .120	2.5	2.5	0.120	0.112	3.76	1.04	19.3	19.3	0.970	0.776	0.966	0.919	1.960	1.56	1.27	0.801
HSS 2.5 x 2.5 x .083	2.5	2.5	0.083	0.077	2.67	0.73	29.5	29.5	0.708	0.566	0.985	0.659	2.127	1.11	0.90	0.811
HSS 2.125 x 2.125 x 3/16	2.125	2.125	0.188	0.175	4.65	1.29	9.1	9.1	0.789	0.743	0.782	0.920	1.279	1.33	1.31	0.658
HSS 2.125 x 2.125 x .134	2.125	2.125	0.134	0.125	3.47	0.96	14.0	14.0	0.626	0.589	0.808	0.709	1.522	1.03	0.99	0.673
HSS 2.125 x 2.125 x 1/4	2.125	2.125	0.250	0.233	5.83	1.62	6.1	6.1	0.926	0.872	0.756	1.115	1.000	1.61	1.62	0.642
HSS 2 x 2 x 1/4	2	2	0.250	0.233	5.41	1.51	5.6	5.6	0.747	0.747	0.703	0.964	0.875	1.31	1.41	0.600
HSS 2 x 2 x 3/16	2	2	0.188	0.174	4.32	1.19	8.5	8.5	0.641	0.641	0.734	0.797	1.156	1.09	1.14	0.617
HSS 2 x 2 x .165	2	2	0.165	0.153	3.88	1.07	10.1	10.1	0.591	0.591	0.743	0.726	1.258	0.99	1.03	0.623

Atlas HSS Section Properties (Square) - ASTM A500

Designation	Shape			Design Wall Thickness, t	Nominal Wt	Area, A	b/t	h/t	I	S	r	Z	Workable Flat	Torsion		Surface Area
	H	B	t _{nom}											J	C	
	in	in	in											in. ⁴	in. ³	
HSS 2 x 2 x .134	2	2	0.134	0.125	3.25	0.90	13.0	13.0	0.514	0.514	0.756	0.621	1.397	0.85	0.87	0.631
HSS 2 x 2 x 1/8	2	2	0.125	0.116	3.05	0.84	14.2	14.2	0.486	0.486	0.761	0.584	1.438	0.796	0.817	0.633
HSS 2 x 2 x .120	2	2	0.120	0.112	2.94	0.81	14.9	14.9	0.473	0.473	0.764	0.568	1.460	0.773	0.793	0.635
HSS 2 x 2 x .100	2	2	0.100	0.093	2.50	0.69	18.5	18.5	0.410	0.410	0.771	0.486	1.550	0.660	0.673	0.640
HSS 2 x 2 x .083	2	2	0.083	0.077	2.11	0.58	23.0	23.0	0.351	0.351	0.778	0.412	1.627	0.559	0.568	0.645
HSS 2 x 2 x .065	2	2	0.065	0.060	1.67	0.46	30.3	30.3	0.283	0.283	0.784	0.330	1.708	0.445	0.451	0.649
HSS 1.5 x 1.5 x 1/4	1.5	1.5	0.250	0.233	3.71	1.04	3.4	3.4	0.260	0.347	0.500	0.469	0.375	0.47	0.70	0.433
HSS 1.5 x 1.5 x 3/16	1.5	1.5	0.188	0.174	3.04	0.84	5.6	5.6	0.236	0.315	0.530	0.406	0.656	0.41	0.59	0.450
HSS 1.5 x 1.5 x .165	1.5	1.5	0.165	0.153	2.76	0.76	6.8	6.8	0.222	0.296	0.540	0.375	0.758	0.38	0.54	0.456
HSS 1.5 x 1.5 x .134	1.5	1.5	0.134	0.125	2.33	0.65	9.0	9.0	0.197	0.263	0.551	0.326	0.897	0.33	0.47	0.464
HSS 1.5 x 1.5 x 1/8	1.5	1.5	0.125	0.116	2.20	0.61	9.9	9.9	0.188	0.251	0.555	0.309	0.938	0.316	0.438	0.467
HSS 1.5 x 1.5 x 0.120	1.5	1.5	0.120	0.112	2.13	0.59	10.4	10.4	0.184	0.245	0.558	0.301	0.960	0.31	0.43	0.468
HSS 1.5 x 1.5 x 0.100	1.5	1.5	0.100	0.093	1.82	0.50	13.1	13.1	0.162	0.216	0.569	0.260	1.050	0.27	0.37	0.473
HSS 1.5 x 1.5 x 0.083	1.5	1.5	0.083	0.077	1.54	0.42	16.5	16.5	0.140	0.187	0.577	0.223	1.127	0.227	0.310	0.478
HSS 1.5 x 1.5 x 0.065	1.5	1.5	0.065	0.060	1.23	0.34	22.0	22.0	0.115	0.153	0.582	0.180	1.208	0.183	0.248	0.483
HSS 1.25 x 1.25 x 3/16	1.25	1.25	0.188	0.175	2.41	0.67	4.1	4.1	0.122	0.195	0.427	0.259	0.404	0.219	0.384	0.367
HSS 1.25 x 1.25 x 1/8	1.25	1.25	0.125	0.116	1.78	0.49	7.8	7.8	0.102	0.163	0.456	0.204	0.688	0.174	0.292	0.383
HSS 1.25 x 1.25 x 0.120	1.25	1.25	0.120	0.112	1.72	0.48	8.2	8.2	0.099	0.158	0.454	0.199	0.710	0.170	0.285	0.385
HSS 1.25 x 1.25 x 0.100	1.25	1.25	0.100	0.093	1.48	0.41	10.4	10.4	0.089	0.142	0.466	0.174	0.800	0.148	0.246	0.390
HSS 1.25 x 1.25 x 0.083	1.25	1.25	0.083	0.077	1.26	0.35	13.2	13.2	0.078	0.125	0.472	0.150	0.877	0.128	0.210	0.395
HSS 1.25 x 1.25 x 0.065	1.25	1.25	0.065	0.060	1.01	0.28	17.8	17.8	0.064	0.102	0.478	0.122	0.958	0.103	0.169	0.399
HSS 1 x 1 x 1/8	1	1	0.125	0.116	1.35	0.38	5.6	5.6	0.047	0.094	0.352	0.120	0.438	0.082	0.175	0.300
HSS 1 x 1 x 0.120	1	1	0.120	0.112	1.31	0.37	5.9	5.9	0.046	0.092	0.353	0.118	0.460	0.080	0.171	0.301
HSS 1 x 1 x 0.100	1	1	0.100	0.093	1.14	0.32	7.8	7.8	0.042	0.084	0.362	0.104	0.550	0.071	0.150	0.307
HSS 1 x 1 x 0.083	1	1	0.083	0.077	0.98	0.27	10.0	10.0	0.037	0.074	0.370	0.091	0.627	0.062	0.129	0.311
HSS 1 x 1 x 0.065	1	1	0.065	0.060	0.79	0.22	13.7	13.7	0.031	0.062	0.375	0.075	0.708	0.051	0.105	0.316
HSS 0.75 x 0.75 x 0.120	0.75	0.75	0.120	0.112	0.90	0.25	3.7	3.7	0.016	0.043	0.253	0.058	0.210	0.029	0.086	0.218
HSS 0.75 x 0.75 x 0.083	0.75	0.75	0.083	0.077	0.69	0.19	6.7	6.7	0.014	0.037	0.271	0.047	0.377	0.024	0.068	0.228
HSS 0.75 x 0.75 x 0.065	0.75	0.75	0.065	0.060	0.57	0.16	9.5	9.5	0.012	0.032	0.274	0.040	0.458	0.020	0.056	0.233
HSS 0.5 x 0.5 x 0.065	0.5	0.5	0.065	0.060	0.35	0.10	5.3	5.3	0.003	0.012	0.173	0.015	0.208	0.005	0.022	0.149

Indicates Jumbo HSS. Design wall thickness is equal to nominal wall thickness due to tighter production tolerances.