

Cold Formed Welded Structural Hollow Section

ท่อเหล็กกลม สำหรับงานโครงสร้าง

Nominal Size	Outside Diameter	Thickness (t)	Mass Per Unit Length	Cross Sectional Area	Second Moment of Area	Elastic Section Modulus	Radius of Gyration	Nominal Size	Outside Diameter	Thickness (t)	Mass Per Unit Length	Cross Sectional Area	Second Moment of Area	Elastic Section Modulus	Radius of Gyration		
inch	mm	mm	kg/m	cm <sup>2</sup>	cm <sup>4</sup>	cm <sup>3</sup>	cm	inch	mm	mm	kg/m	cm <sup>2</sup>	cm <sup>4</sup>	cm <sup>3</sup>	cm		
1/2"	21.3	2.00	0.95	1.21	0.571	0.536	0.686	5"	139.7	6.00	19.8	25.2	564	80.8	4.73		
		2.50	1.16	1.48	0.664	0.623	0.671			6.30	20.7	26.4	589	84.3	4.72		
		3.00	1.35	1.72	0.741	0.696	0.656			8.00	26.0	33.1	720	103	4.66		
3/4"	26.9	2.00	1.23	1.56	1.22	0.907	0.883			10.00	32.0	40.7	862	123	4.60		
		2.50	1.50	1.92	1.44	1.07	0.867			6"	168.3	3.00	12.2	15.6	532	63.3	5.85
		3.00	1.77	2.25	1.63	1.21	0.852					4.00	16.2	20.6	697	82.8	5.81
1"	33.7	2.00	1.56	1.99	2.51	1.49	1.12		5.00			20.1	25.7	856	102	5.78	
		2.50	1.92	2.45	3.00	1.78	1.11		6.00			24.0	30.6	1009	120	5.74	
		3.00	2.27	2.89	3.44	2.04	1.09		6.30			25.2	32.1	1053	125	5.73	
1 1/4"	42.4	2.00	1.99	2.54	5.19	2.45	1.43		8.00			31.6	40.3	1297	154	5.67	
		2.50	2.46	3.13	6.26	2.95	1.41		10.00	39.0	49.7	1564	186	5.61			
		3.00	2.91	3.71	7.25	3.42	1.40		7"	193.7	4.00	18.7	23.8	1073	111	6.71	
		4.00	3.79	4.83	8.99	4.24	1.36	5.00			23.3	29.6	1320	136	6.67		
1 1/2"	48.3	2.00	2.28	2.91	7.81	3.23	1.64	6.00			27.8	35.4	1560	161	6.64		
		2.50	2.82	3.60	9.46	3.92	1.62	6.30			29.1	37.1	1830	168	6.63		
		3.00	3.35	4.27	11.0	4.55	1.61	8.00			36.6	46.7	2016	208	6.57		
		4.00	4.37	5.57	13.8	5.70	1.57	10.00			45.3	57.7	2442	252	6.50		
		5.00	5.34	6.8	16.2	6.69	1.54	12.00	53.8	68.5	2839	293	6.44				
2"	60.3	2.00	2.88	3.66	15.6	5.17	2.06	12.50	55.9	71.2	2934	303	6.42				
		2.50	3.56	4.54	19.0	6.30	2.05	8"	219.1	4.00	21.2	27.0	1564	143	7.61		
		3.00	4.24	5.40	22.2	7.37	2.03			5.00	26.4	33.6	1928	176	7.57		
		4.00	5.55	7.07	28.2	9.34	2.00			6.00	31.5	40.2	2282	208	7.54		
		5.00	6.82	8.69	33.5	11.1	1.96			6.30	33.1	42.1	2386	218	7.53		
2 1/2"	76.1	2.00	3.65	4.66	32.0	8.40	2.62			8.00	41.6	53.1	2960	270	7.47		
		2.50	4.54	5.78	39.2	10.3	2.60			10.00	51.6	65.7	3598	328	7.40		
		3.00	5.41	6.89	46.1	12.1	2.59	12.00	61.3	78.1	4200	383	7.33				
		4.00	7.11	9.06	59.1	15.5	2.55	12.50	63.7	81.1	4345	397	7.32				
		5.00	8.77	11.2	70.9	18.6	2.52	10"	273.0	5.00	33.0	42.1	3781	277	9.48		
		6.00	10.4	13.2	81.8	21.5	2.49			6.00	39.5	50.3	4487	329	9.44		
6.30	10.8	13.8	84.8	22.3	2.48	6.30	41.4			52.8	4696	344	9.43				
3"	88.9	2.00	4.29	5.46	51.6	11.6	3.07			8.00	52.3	66.6	5852	429	9.37		
		2.50	5.33	6.79	63.4	14.3	3.06			10.00	64.9	82.6	7154	524	9.31		
		3.00	6.36	8.10	74.8	16.8	3.04			12.00	77.2	98.4	8396	615	9.24		
		4.00	8.38	10.7	96.3	21.7	3.00	12.50	80.3	102	8697	637	9.22				
		5.00	10.3	13.2	116	26.2	2.97	12"	323.9	5.00	39.3	50.1	6369	393	11.3		
		6.00	12.3	15.6	135	30.4	2.94			6.00	47.0	59.9	7572	468	11.2		
		6.30	12.8	16.3	140	31.5	2.93			6.30	49.3	62.9	7929	490	11.2		
3 1/2"	101.6	2.00	4.91	6.26	77.6	15.3	3.52			8.00	62.3	79.4	9910	612	11.2		
		2.50	6.11	7.78	95.6	18.8	3.50			10.00	77.4	98.6	12160	751	11.1		
		3.00	7.29	9.29	113	22.3	3.49			12.00	92.3	118	14320	884	11.0		
		4.00	9.63	12.3	146	28.8	3.45	12.50	96.0	122	14850	917	11.0				
		5.00	11.9	15.2	177	34.9	3.42	14"	355.6	5.00	43.2	55.1	8464	476	12.4		
		6.00	14.1	18.0	207	40.7	3.39			6.00	51.7	65.9	10070	566	12.4		
		6.30	14.8	18.9	215	42.3	3.38			6.30	54.3	69.1	10550	593	12.4		
4"	114.3	2.50	6.89	8.78	137	24.0	3.95			8.00	68.6	87.4	13200	742	12.3		
		3.00	8.23	10.5	163	28.4	3.94			10.00	85.2	109	16220	912	12.2		
		4.00	10.9	13.9	211	36.9	3.90			12.00	102	130	19140	1076	12.2		
		5.00	13.5	17.2	257	45.0	3.87	12.50	106	135	19850	1117	12.1				
		6.00	16.0	20.4	300	52.5	3.83	16"	406.4	6.00	59.2	75.5	15130	745	14.2		
		6.30	16.8	21.4	313	54.7	3.82			6.30	62.2	79.2	15850	780	14.1		
8.00	21.0	26.7	379	66.4	3.77	8.00	78.6			100	19870	978	14.1				
5"	139.7	3.00	10.1	12.9	301	43.1	4.83			10.00	97.8	125	24480	1205	14.0		
		4.00	13.4	17.1	393	56.2	4.80			12.00	117	149	28940	1424	14.0		
		5.00	16.6	21.2	481	68.8	4.77			12.50	121	155	30030	1478	13.9		