

Circular Hollow Sections (CHS)

TECHNICAL DATA FOR COLD FORMED WELDED CIRCULAR HOLLOW SECTION OF NON-ALLOY AND FINE GRAIN STEELS. CONFIRMING TO EN 10219

OUTSIDE DIAMETER			WALL THICKNESS	NOMINAL MASS OF STEEL TUBES PLAIN END			
Max	Mean	Min		mm	kg/mtr	mts/t	kgs/20'
21.8	21.3	20.8	2	0.95	1053	5.79	173
			2.5	1.16	862	7.07	141
			3	1.35	741	8.23	122
27.4	26.9	26.4	2	1.23	813	7.50	133
			2.5	1.5	667	9.14	109
			3	1.77	565	10.79	93
34.2	33.7	33.2	2	1.56	641	9.51	105
			2.5	1.92	521	11.70	85
			3	2.27	441	13.84	72
42.9	42.4	41.9	2	1.99	503	12.13	82
			2.5	2.46	407	15.00	67
			3	2.91	344	17.74	56
			4	3.79	264	23.10	43
48.8	48.3	47.8	2	2.28	439	13.90	72
			2.5	2.82	355	17.19	58
			3	3.35	299	20.42	49
			4	4.37	229	26.64	38
			5	5.34	187	32.55	31
60.9	60.3	59.7	2	2.88	347	17.56	57
			2.5	3.56	281	21.70	46
			3	4.24	236	25.85	39
			4	5.55	180	33.83	30
			5	6.82	147	41.57	24
76.9	76.1	75.3	2	3.65	274	22.25	45
			2.5	4.54	220	27.68	36
			3	5.41	185	32.98	30
			4	7.11	141	43.34	23
			5	8.77	114	53.46	19
			6	10.4	96	63.40	16
			6.3	10.8	93	65.84	15
89.8	88.9	88.0	2	4.29	233	26.15	38
			2.5	5.33	188	32.49	31
			3	6.36	157	38.77	26

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Max	Mean	Min		mm	kg/mtr	mts/t	kgs/20'
			4	8.38	119	51.08	20
			5	10.3	97	62.79	16
			6	12.3	81	74.98	13
			6.3	12.8	78	78.03	13
102.6	101.6	100.6	2	4.91	204	29.93	33
			2.5	6.11	164	37.25	27
			3	7.29	137	44.44	23
			4	9.63	104	58.70	17
			5	11.9	84	72.54	14
			6	14.1	71	85.95	12
			6.3	14.8	68	90.22	11
115.4	114.3	113.2	2.5	6.89	145	42.00	24
			3	8.23	122	50.17	20
			4	10.9	92	66.45	15
			5	13.5	74	82.30	12
			6	16	63	97.54	10
			6.3	16.8	60	102.41	10
			8	21	48	128.02	8
141.1	139.7	138.3	3	10.1	99	61.57	16
			4	13.4	75	81.69	12
			5	16.6	60	101.19	10
			6	19.8	51	120.70	8
			6.3	20.7	48	126.19	8
			8 0	26	38	158.50	6
			10	32	31	195.07	5
170.0	168.3	166.6	3	12.2	82	74.37	13
			4	16.2	62	98.76	10
			5	20.1	50	122.53	8
			6	24	42	146.30	7
			6.3	25.2	40	153.62	7
			8	31.6	32	192.63	5
			10	39	26	237.74	4
179.6	177.8	176.0	4	17.1	58	104.24	10

Following Manufacturing Tolerance shall be permitted

Thickness	Mass	Length Random length / Unless Otherwise Specified	Straightness
For D ≤ 406.4 mm: T ≤ 5 mm ± 10 % T > 5 mm ± 0.5 mm For D > 406.4 mm: ± 10 %	± 6 % on individual delivered lengths	"4-16 Mtrs (10 % of sections supplied may be below the min. for the ordered range but not shorter than 75 % of the min. range length).	0.20 % of total length and 3 mm over any 1 m length

Note :
1) Length other than those given in the above table may be supplied as per customer requirements.
2) We are equipped with inner weld scarfing (internal weld fin removal) as per customer requirement.

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Max	Mean	Min	mm	kg/mtr	mts/t	kgs/20'	pcs/mt
			5	21.3	47	129.84	8
			6	25.4	39	154.84	6
			6.3	26.6	38	162.15	6
			8.0	33.5	30	204.22	5
			10	41.4	24	252.37	4
			12	49.1	20	299.31	3
			12.5	51	20	310.90	3
195.6	193.7	191.8	4	18.7	53	114.00	9
			5	23.3	43	142.04	7
			6.0	27.8	36	169.47	6
			6.3	29.1	34	177.39	6
			8	36.6	27	223.11	4
			10	45.3	22	276.15	4
			12	53.8	19	327.96	3
			12.5	55.9	18	340.77	3
221.3	219.1	216.9	4	21.2	47	129.24	8
			5.0	26.4	38	160.93	6
			6	31.5	32	192.02	5
			6.3	33.1	30	201.78	5
			8	41.6	24	253.59	4
			10	51.6	19	314.55	3
			12	61.3	16	373.68	3
			12.5	63.7	16	388.32	3
246.9	244.5	242.1	5	29.5	34	179.83	6
			6	35.3	28	215.19	5
			6.3	37	27	225.55	4
			8	46.7	21	284.68	4
			10	57.8	17	352.35	3
			12	68.8	15	419.40	2
			12.5	71.5	14	435.86	2
275.7	273	270.3	5	33	30	201.17	5
			6	39.5	25	240.79	4
			6.3	41.4	24	252.37	4

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Max	Mean	Min	mm	kg/mtr	mts/t	kgs/20'	pcs/mt
			8	52.3	19	318.82	3
			10	64.9	15	395.63	3
			12	77.2	13	470.61	2
			12.5	80.3	12	489.51	2
327.1	323.9	320.7	5	39.3	25	239.57	4
			6	47	21	286.51	3
			6.3	49.3	20	300.53	3
			8	62.3	16	379.78	3
			10	77.4	13	471.83	2
			12	92.3	11	562.66	2
			12.5	96	10	585.22	2
359.2	355.6	352.0	5	43.2	23	263.35	4
			6	51.7	19	315.16	3
			6.3	54.3	18	331.01	3
			8	68.6	15	418.19	2
			10	85.2	12	519.38	2
			12	102	10	621.79	2
			12.5	106	9	646.18	2
410.5	406.4	402.3	6	59.2	17	360.88	3
			6.3	62.2	16	379.17	3
			8	78.6	13	479.15	2
			10	97.8	10	596.19	2
			12	117	9	713.23	1
			12.5	121	8	737.62	1
461.6	457	452.4	6	66.7	15	406.60	2
			6.3	70	14	426.72	2
			8	88.6	11	540.11	2
			10.0	110	9	670.56	1
			12	132	8	804.67	1
			12.5	137	7	835.15	1

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