



Tubes



Productions Types

Produce all the Types (Circular, Square and Rectangular).

Productions Standard

The Gulta steel tubes are produced from a number of different quality steels, namely:

- BS EN 10315-3, 10315-5 Steel Tubes for precision applications.
- BS EN 10219-2 for Cold formed welded structural hollow sections of non-alloy.

Outer diameter and specified side diminution

Rounder tube between $\text{Ø}10 \text{ mm} - \text{Ø}168 \text{ mm}$, Square tube between $15 \times 15 \text{ mm} - 120 \times 120 \text{ mm}$, Rectangular tube between $20 \times 40 \text{ mm} - 120 \times 140 \text{ mm}$.

Wall thickness (T)

Between $0.8 - 6 \text{ mm}$.

Length:

The standard Length 6 m , but it's can be between $3.0 \text{ m} - 12.0 \text{ m}$ depends on costumer's Needs, considering the standard tolerance for the length Passed on the failed applications.

Steel Grade:

S235, S275



BS EN 10305-3:(E)

Size and Outside diameter tolerance for Circular tubes

Outside diameter D (mm) and tolerance	Wall thickness T (mm)															
	0.8	1	1.2	1.5	1.8	2	2.2	2.5	3	3.5	4	4.5	5	5.5	6	
Mass per unit length (Kg/m)																
10		0.182	0.222	0.260	0.314											
16		0.300	0.370	0.438	0.536	0.630	0.691	0.749								
18	0.12±	0.339	0.419	0.497	0.610	0.719	0.789	0.857	0.956							
19		0.359	0.444	0.527	0.647	0.764	0.838	0.911	1.02	1.18						
20		0.379	0.469	0.556	0.684	0.808	0.888	0.966	1.08	1.26						
22		0.418	0.518	0.616	0.758	0.897	0.986	1.07	1.20	1.41						
25	0.15±	0.477	0.592	0.704	0.869	1.03	1.13	1.24	1.39	1.63						
28		0.537	0.666	0.793	0.980	1.16	1.28	1.40	1.57	1.85	2.11					
30		0.576	0.715	0.852	1.05	1.25	1.38	1.51	1.70	2.00	2.29					
32		0.616	0.765	0.911	1.13	1.34	1.48	1.62	1.82	2.15	2.46					
35			0.838	1.00	1.24	1.47	1.63	1.78	2.00	2.37	2.72					
38	0.20±		0.912	1.09	1.35	1.61	1.78	1.94	2.19	2.59	2.98	3.35				
42			1.01	1.21	1.50	1.78	1.97	2.16	2.44	2.89	3.32	3.75				
42.4			1.02	1.22	1.51	1.80	1.99	2.18	2.46	2.91	3.36	3.79				
44			1.06	1.27	1.57	1.87	2.07	2.27	2.56	3.03	3.50	3.95				
45			1.09	1.30	1.61	1.92	2.12	2.32	2.62	3.11	3.58	4.04				
48.3	0.25±		1.17	1.39	1.73	2.06	2.28	2.50	2.82	3.35	3.87	4.37	4.86			
50			1.21	1.44	1.79	2.14	2.37	2.59	2.93	3.48	4.01	4.54	5.05			
51				1.47	1.83	2.18	2.42	2.65	2.99	3.55	4.10	4.64	5.16			
57				1.65	2.05	2.45	2.71	2.97	3.36	4.00	4.62	5.23	5.83			
60	0.30±			1.74	2.16	2.85	2.86	3.14	3.55	4.22	4.88	5.52	6.16	6.78	7.39	
63.5				1.84	2.29	2.74	3.03	3.33	3.76	4.48	5.18	5.87	6.55	7.21	7.87	
76	0.35±			2.21	2.76	3.29	3.65	4.00	4.53	5.40	6.26	7.10	7.93	8.75	9.56	
80				2.33	2.90	3.47	3.85	4.22	4.78	5.70	6.60	7.50	8.38	9.25	10.1	
89	0.40±				3.24	3.87	4.29	4.71	5.33	6.36	7.38	8.38	9.38	10.4	11.3	12.3
95					3.46	4.14	4.58	5.08	5.7	6.8	7.89	8.97	10.04	11.09	12.13	13.16
100					3.64	4.36	4.83	5.31	6.01	7.18	8.33	9.47	10.6	11.7	12.8	13.9
101.6	0.50±				3.70	4.43	4.91	5.39	6.11	7.29	8.47	9.63	10.8	11.9	13.0	14.1
114	0.60±					4.98	5.52	6.07	6.87	8.21	9.54	10.9	12.2	13.4	14.7	16.0
127						5.56	6.17	6.77	7.68	9.17	10.7	12.1	13.6	15.0	16.5	17.9
139.7	0.8±					6.12	6.79	7.46	8.46	10.1	11.8	13.4	15.0	16.6	18.2	19.8
152						6.66	7.39	8.12	9.21	11.02	12.81	14.59	16.36	18.12	19.86	21.59
168	1.0±					7.38	8.19	9.00	10.2	12.2	14.2	16.2	18.1	20.1	22.0	24.0



BS EN 10305-3:(E)

Size and specified side tolerance for Square, Rectangular tubes

Side Length (s)			Mass Per Unit Length in Kg/m ³ for specified Thickness T						
H (mm)	B or H (mm)	Tolerance of H and B	1	1.25	1.5	2	2.5	3	4
15	15	0.20±	0.438	0.537	0.632	0.810			
20	10	0.20±	0.438	0.537	0.632	0.810			
	15		0.516	0.635	0.750	0.967			
	20		0.595	0.733	0.868	1.12			
25	15	0.25±	0.595	0.733	0.868	1.12			
	25		0.752	0.930	1.10	1.44			
30	10	0.25±	0.595	0.733	0.868	1.12			
	15		0.673	0.831	0.985	1.28			
	20		0.752	0.930	1.10	1.44	2.15	2.39	
	30		0.909	1.013	1.34	1.75			
34	20	0.25±	0.815	1.01	1.20	1.56			
35	20	0.25±	0.830	1.03	1.22	1.59	1.95	2.39	
	25		0.909	1.13	1.34	1.75	2.15		2.86
	35		1.07	1.32	1.57	2.07	2.54		
40	20	0.30±			1.34	1.75	2.15	2.39	
	25				1.46	1.91	2.34	2.63	
	30				1.57	2.07	2.54	2.86	
	40				1.81	2.38	2.93	3.33	4.25
45	45	0.30±			2.05	2.69	3.33	3.80	4.88
50	20	0.30±			1.57	2.07	2.54	2.86	
	25				1.69	2.22	2.74	3.10	
	30				1.81	2.38	2.93	3.33	4.25
	40				2.05	2.69	3.33	3.80	4.88
	50				2.28	3.01	3.72	4.28	5.51
60	20	0.35±				2.38	2.93	3.33	4.88
	30					2.69	3.33	3.80	4.88
	40					3.01	3.72	4.28	5.51
	50					3.32	4.11	4.75	6.14
70	40	0.40±				3.32	4.11	4.75	6.14
	70					4.26	5.26	6.16	8.02
80	20	0.50±				3.01	3.72	4.28	
	30					3.32	4.11	4.75	
	40					3.64	4.50	5.22	6.76
	50					3.95	4.90	5.69	7.39
	80					4.89	5.29	6.16	8.02
90	90	0.60±				5.52	6.86	8.04	10.5
100	40	0.65±				4.26	5.29	6.16	8.02
	50					4.58	5.68	6.63	8.65
	60					4.89	6.07	7.10	9.28
	100					6.15	6.86	8.04	10.5
120	40	0.70±				4.89	6.07	7.10	9.28
	60					5.52	6.86	8.04	10.5