
Stainless Steel Ornamental irregular pipes



Steel Ornamental tubing (also known as Stainless Steel Decorative tube) in 3 different shapes Round, Rectangular and Square. Stainless Steel Ornamental tubing is used for various purposes the most significant being architectural.

Product Description

This specification covers welded austenitic and ferritic stainless steel mechanical tubing intended for use in ornamental, structural, exhaust, and other applications where appearance, mechanical properties, or corrosion resistance is needed.

Type: Welded Stainless Steel Mechanical Tubing

Standard: ASTM A-554; DIN, JIS G3446, GB-T12770

Material: SS304, SS201, SS304L, SS316L, SS202 (4% Nickel Materials)

Dimension: Round pipes 6mm~273mm; Square/rect. Pipes 10*10mm~200*200mm;

Length: 5.8, 6.0, or 6.1 meters, or custom cut lengths

Thickness: 0.5mm, 1.0mm, 1.2mm, 1.5mm, 2.0mm, 2.5mm, 3.0mm, 4.0mm, 5.0mm

Finish: Mill Finish ,180 Grits Finish,320 Grits Finish, 400 Grits Finish, 600 Grits Finish

Packing: Small bundles packing, Big bundles packing, steel crates, wooden boxes

Capacity: 2000 metric tons per month

Trade Name: Triround, TR, YL, TRSS

Producing A554 Tube in various Shapes such as: A554 Round Polished Pipes, A554 Square Polished Pipes, A554 Rectangular Polished Pipes, Special Shapes A554 Polished Pipes, A554 Square Tube

A554 Round Polished Pipes Specification

主 规格	实厚 标厚	0.5mm	0.6mm	0.8mm	1.0mm	1.2mm	1.5mm	1.6mm	1.8mm	2.0mm	2.5mm	3.0mm	3.5mm	4.0mm
Ø6.00		0.41	0.49	0.63	0.75	0.87								
Ø6.35		0.44	0.52	0.67	0.80	0.93	1.09							
Ø7.50		0.53	0.62	0.81	0.97	1.13	1.35							
Ø8.00		0.56	0.66	0.86	1.05	1.22	1.46	1.53						
Ø9.53		0.67	0.80	1.04	1.27	1.49	1.80	1.90						
Ø10.0		0.71	0.84	1.10	1.35	1.58	1.91	2.01	2.21					
Ø12.70			1.09	1.42	1.75	2.06	2.51	2.65	2.93					
Ø15.87			1.37	1.80	2.22	2.63	3.22	3.41	3.79	4.15				
Ø19.05			1.65	2.18	2.70	3.20	3.93	4.17	4.64	5.10				
Ø22.20				2.56	3.17	3.77	4.64	4.93	5.49	6.04				
Ø25.4				2.94	3.65	4.34	5.36	5.69	6.35	6.99				
Ø31.75				3.70	4.60	5.48	6.78	7.21	8.06	8.89				
Ø38.1				4.46	5.54	6.62	8.21	8.73	9.77	10.79				
Ø50.8					7.44	8.90	11.05	11.77	13.18	14.59	18.05			
Ø63.5					9.34	11.17	13.90	14.80	16.60	18.38	22.79			
Ø76.1					11.22	13.43	16.72	17.82	19.99	22.15	27.50	32.78	37.98	
Ø101.6						18.01	22.44	23.91	26.85	29.77	37.03	44.21	51.32	58.35
Ø127.0						22.56	28.14	29.99	33.68	37.37	46.52	55.60	64.60	73.53
Ø152.4						27.12	33.83	36.06	40.52	44.96	56.01	66.99	77.89	88.72
Ø203.2							45.22	48.21	54.18	60.14	74.99	89.77	104.47	119.09
Ø273.0							60.87	64.90	72.96	81.01	101.07	121.06	140.98	160.82

A554 Rectangle Square Polished Pipes Specification

支重 规格	实厚	0.5mm	0.6mm	0.8mm	1.0mm	1.2mm	1.5mm	1.6mm	1.8mm	2.0mm	2.5mm	3.0mm	3.5mm	4.0mm
□10×10		0.91	1.09	1.43	1.75	2.07	2.52							
□15×10		1.15	1.37	1.81	2.23	2.64	3.23							
□15×15		1.39	1.66	2.19	2.71	3.21	3.95							
□20×10		1.39	1.66	2.19	2.71	3.21	3.95	4.19						
□20×15		1.63	1.95	2.57	3.18	3.78	4.66	4.95						
□20×20		1.87	2.23	2.95	3.66	4.35	5.38	5.71						
□25×15			2.23	2.95	3.66	4.35	5.38	5.71	6.37	7.02				
□25×20			2.52	3.33	4.13	4.93	6.09	6.47	7.23	7.97				
□25×25			2.80	3.71	4.61	5.50	6.80	7.23	8.08	8.92				
□30×15			2.52	3.33	4.13	4.93	6.09	6.47	7.23	7.97				
□30×20			2.8	3.71	4.61	5.50	6.80	7.23	8.08	8.92				
□30×25			4.09	5.09	6.07	7.52	7.99	8.94	9.87					
□30×30			4.47	5.56	6.64	8.23	8.76	9.80	10.83					
□35×35			5.24	6.51	7.78	9.66	10.28	11.51	12.73					
□40×20			4.47	5.56	6.64	8.23	8.76	9.80	10.83	13.35				
□40×30			5.24	6.51	7.78	9.66	10.28	11.51	12.73	15.73				
□40×40			6.00	7.47	8.92	11.09	11.80	13.22	14.63	18.11				
□50×20				6.51	7.78	9.66	10.28	11.51	12.73	15.73	18.65			
□50×25				6.99	8.35	10.37	11.04	12.37	13.68	16.92	20.07			
□50×30				7.47	8.92	11.09	11.80	13.22	14.63	18.11	21.50			
□50×40				8.42	10.07	12.52	13.33	14.94	16.54	20.49	24.36			
□50×50				9.37	11.21	13.94	14.85	16.65	18.44	22.87	27.21			
□60×60				11.27	13.49	16.80	17.90	20.08	22.52	27.63	32.93	38.15		
□70×30				9.37	11.21	13.94	14.85	16.65	18.44	22.87	27.21	31.49		
□70×70				13.18	15.78	19.66	20.94	23.51	26.06	32.38	38.64	44.82		
□80×40					13.49	16.80	17.90	20.08	22.25	27.63	32.93	38.15		
□80×80					18.06	22.51	23.99	26.93	29.87	37.14	44.35	51.48		
□90×30					13.49	16.80	17.90	20.08	22.25	27.63	32.93	38.15		
□100×50					16.92	21.08	22.46	25.22	27.96	34.76	41.49	48.15	54.73	
□100×100					22.63	28.22	30.08	33.79	37.48	46.66	55.77	64.81	73.77	
□127×127					28.80	35.93	38.31	43.04	47.76	59.52	71.20	82.80	94.33	

A554 Polished Pipes Chemical Composition

Grade	Composition, %									
	Carbon, max	Manga- nese, max	Phos- phorus, max	Sulfur, max	Silicon, max	Nickel	Chromium	Molybdenum	Titanium	Columbium + Tantalum
Austenitic										
MT-301	0.15	2.00	0.040	0.030	1.00	6.0–8.0	16.0–18.0	...	...	...
MT-302	0.15	2.00	0.040	0.030	1.00	8.0–10.0	17.0–19.0	...	...	...
MT-304	0.08	2.00	0.040	0.030	1.00	8.0–11.0	18.0–20.0	...	...	...
MT-304L	0.035 ^A	2.00	0.040	0.030	1.00	8.0–13.0	18.0–20.0	...	...	...
MT-305	0.12	2.00	0.040	0.030	1.00	10.0–13.0	17.0–19.0	...	...	...
MT-309S	0.08	2.00	0.040	0.030	1.00	12.0–15.0	22.0–24.0	...	...	...
MT-309S-Cb	0.08	2.00	0.040	0.030	1.00	12.0–15.0	22.0–24.0	...	...	B
MT-310S	0.08	2.00	0.040	0.030	1.00	19.0–22.0	24.0–26.0	...	...	...
MT-316	0.08	2.00	0.040	0.030	1.00	10.0–14.0	16.0–18.0	2.0–3.0	...	...
MT-316L	0.035 ^A	2.00	0.040	0.030	1.00	10.0–15.0	16.0–18.0	2.0–3.0	...	...
MT-317	0.08	2.00	0.040	0.030	1.00	11.0–14.0	18.0–20.0	3.0–4.0	...	...
MT-321	0.08	2.00	0.040	0.030	1.00	9.0–13.0	17.0–20.0	...	C	...
MT-330	0.15	2.00	0.040	0.030	1.00	33.0–36.0	14.0–16.0	...	...	...
MT-347	0.08	2.00	0.040	0.030	1.00	9.0–13.0	17.0–20.0	...	...	B
Ferritic										
MT-429	0.12	1.00	0.040	0.030	1.00	0.50 max	14.0–16.0	...	...	...
MT-430	0.12	1.00	0.040	0.030	1.00	0.50 max	16.0–18.0	...	...	...
MT-430-Ti	0.10	1.00	0.040	0.030	1.00	0.075 max	16.0–19.5	...	5 × C min, 0.75 max	...

A554 Polished Pipes Cut length tubes Tolerance

TABLE 4 Length Variations—Cut Length Tubes

Length, ft (m)	Outside Diameter, in. (mm)	Permissible Variations in Length, in.		
		Over ^A		Under
		in.	mm	
4 (1.2) and under	up to 2 (50.8), incl	1/16	1.6	0
	over 2 to 4 (50.8 to 101.6), incl	3/32	2.4	0
	over 4 (101.6)	1/8	3.2	0
Over 4 to 10 (1.2 to 3.0), incl	up to 2 (50.8), incl	3/32	2.4	0
	over 2 (50.8)	1/8	3.2	0
Over 10 to 24 (3.0 to 7.3), incl	all sizes	3/16	4.8	0

^A For all diameters in lengths over 24 ft (7.3 m), an additional over tolerance of 1/8 in. (3.2 mm) for each 10 ft (3.0 m) or fraction thereof shall be permissible, up to a tolerance of 1/2 in. (12.7 mm), max.

A554 Polished Pipes Wallthickness Tolerance

OD Size, in. (mm)	Wall Thickness		OD, ±	
	in.	mm	in.	mm
Under ½ (12.7)	0.020 to 0.049	0.51 to 1.24	0.004	0.10
½ to 1 (12.7 to 25.4)	0.020 to 0.065	0.51 to 1.65	0.005	0.13
½ to 1 (12.7 to 25.4)	over 0.065 to 0.134	over 1.65 to 3.40	0.010	0.25
Over 1 to 1 ½ (25.4 to 38.1), incl	0.025 to 0.065	0.64 to 1.65	0.008	0.20
Over 1 to 1 ½ (25.4 to 38.1), incl	over 0.065 to 0.134	over 1.65 to 3.40	0.010	0.25
Over 1 ½ to 2 (38.1 to 50.8), incl	0.025 to 0.049	0.64 to 1.24	0.010	0.25
Over 1 ½ to 2 (38.1 to 50.8), incl	over 0.049 to 0.083	over 1.24 to 2.11	0.011	0.28
Over 1 ½ to 2 (38.1 to 50.8), incl	over 0.083 to 0.149	over 2.11 to 3.78	0.012	0.30
Over 2 to 2 ½ (50.8 to 63.5), incl	0.032 to 0.065	0.81 to 1.65	0.012	0.30
Over 2 to 2 ½ (50.8 to 63.5), incl	over 0.065 to 0.109	over 1.65 to 2.77	0.013	0.33
Over 2 to 2 ½ (50.8 to 63.5), incl	over 0.109 to 0.165	over 2.77 to 4.19	0.014	0.36
Over 2 ½ to 3 ½ (63.5 to 88.9), incl	0.032 to 0.165	0.81 to 4.19	0.014	0.36
Over 2 ½ to 3 ½ (63.5 to 88.9), incl	over 0.165	over 4.19	0.020	0.51
Over 3 ½ to 5 (88.9 to 127.0), incl	0.035 to 0.165	0.89 to 4.19	0.020	0.51
Over 3 ½ to 5 (88.9 to 127.0), incl	over 0.165	over 4.19	0.025	0.64
Over 5 to 7 ½ (127.0 to 190.5), incl	0.049 to 0.250	1.24 to 6.35	0.025	0.64
Over 5 to 7 ½ (127.0 to 190.5), incl	over 0.250	over 6.35	0.030	0.76
Over 7 ½ to 16 (190.5 to 406.4), incl	all	all	0.00125 in./in. or mm/mm of circumference	

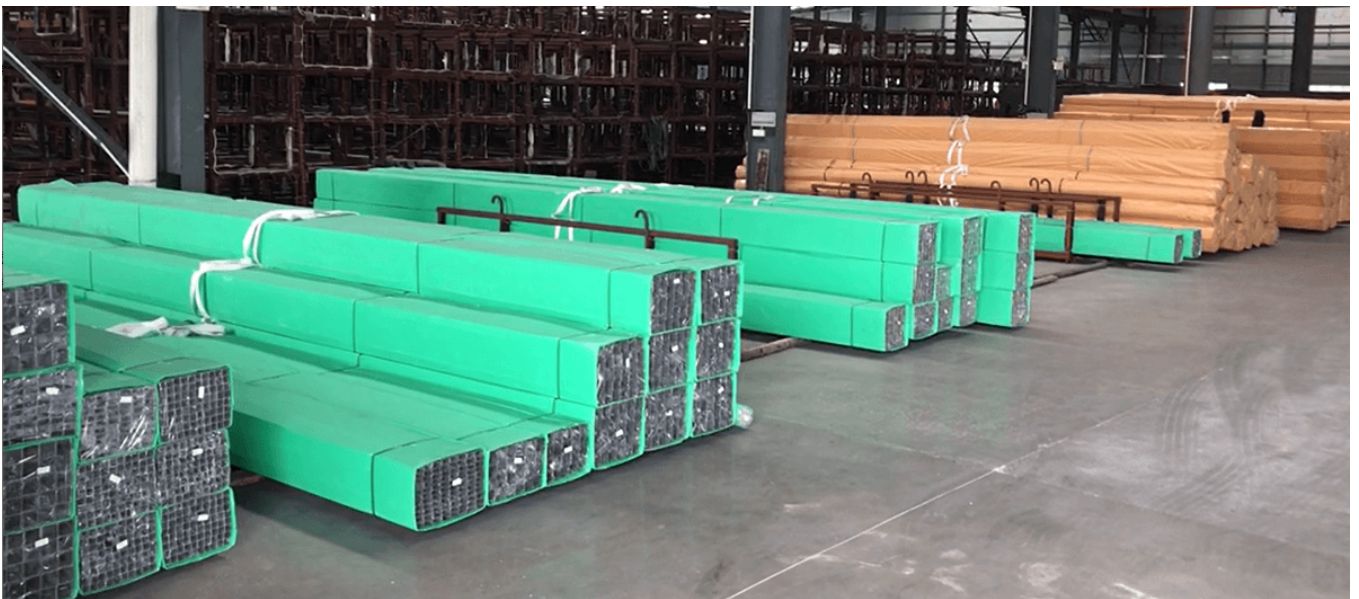
Here is one of production workshops



Here is one of warehouses



Here is one of packaging workshops



On each bundle, there must have 4 web lashing straps with distance of 1 meter among them.

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RECTANGULAR TUBES					
RECTANGULAR TUBES		# of tubes in the base of the Bundle and t			
Side1 (mm)	Side 2 (mm)	Base (# of pieces)	Height (# of Pieces)		
20	10	15	13		
20	15	15	13		
30	10	15	10		
30	15	15	10		
30	20	10	8		
40	10	10	8		
40	20	10	8		
40	30	10	6		
60	40	8	5		
50	20	10	6		

50	25	9	6	
50	30	8	6	
50	40	10	5	
60	20	8	6	
60	30	8	6	
60	40	6	4	
60	50	7	6	
70	20	10	6	
70	30	8	5	
70	50	8	5	
80	40	9	4	
90	30	9	4	
100	40	10	4	
100	50	6	3	

Here is one container loading picture



We also provide customerized packaging way to supply your needs. Weclome to make an inquiry.

Product

link :

<https://www.triround-inox.com/stainless-steel-ornamental-round-tubes-astm-a-554dinjis-g3446-2.html>