

TUBES

WHAT ARE STAINLESS STEEL HOLLOW SECTIONS?

Stainless steel hollow sections are raw materials commonly used in the areas of construction and engineering related sectors. These are typically branched out into three distinct shapes giving these items, their name:

- Round Tube / Circular Hollow Section (CHS)
- Square Tube / Square Hollow Section (SHS)
- Rectangular Tube / Rectangular Hollow Section (RHS)

These items are typically available in two finishes of either Hairline or Polish finish. For more information on finishes, it can be found on our plate section.

AVAILABLE SIZES

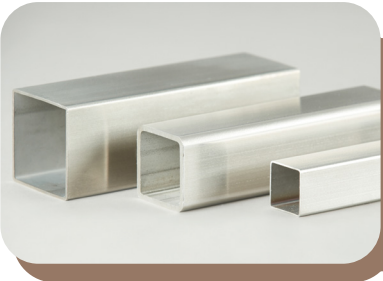
TUBINGS A554		TYPES	304/L	316/L	SIZE RANGE IN MM T - THICKNESS R - RANGE
AUSTENITIC STEEL	ROUND TUBE	•	•		OD: 9.53 - 152.4 T: 1.20 - 3.00
	SQUARE TUBE	•	•		OD: 10.00 X 300.00 T: 1.20 - 6.00
	RECTANGULAR TUBE	•	•		OD: 10.00 X 200.00 T: 1.20 - 6.00



SS ROUND TUBE / CHS

Circular in shape, the round tube can be found in all parts of our lives due to its aesthetically pleasing appearance. This ranges from the simplest of things such as the hand railings we hold, to a light fixture.

01



SS SQUARE TUBE / SHS

Squarish in shape, the square tube is commonly used in construction and industrial related applications where a balance between strength, functionality and aesthetic appeal is required. They are typically used to construct frames, gates and post.

02



SS RECTANGULAR TUBE / RHS

Rectangular in shape, the rectangular tube is commonly used in construction and industrial related applications where a flatter surface area is required for welding or structural works.

03

SQUARE HOLLOW SECTIONS

STAINLESS STEEL HOLLOW SECTION

- Stainless Steel Hollow Sections are manufactured according to ASTM A554
- Available in grades 304 and 316L
- Fixed in standard 6 meters length
- Available in Hairline finish & Bright finish (for 304 and certain sizes only)

Weight provided is based on theoretical calculations. Actual weight may vary.

SIZING (MM/INCHES)	GRADE	THICKNESS (MM)						
		1.2	1.5	2.0	3.0	4.0	5.0	6.0
KG / MTR								
10 X 10	304 HL	0.37						
	316L HL							
1/2" X 1/2"	304 HL	0.44						
	316L HL							
15 X 15	304 HL	0.53						
	316L HL							
3/4" X 3/4"	304 HL	0.69	0.85					
	304 BA	0.69	0.85					
	316L HL		0.85					
1" X 1"	304 HL	0.91	1.12	1.50	2.23			
	316L HL		1.17	1.50	2.23			
1 1/4" X 1 1/4"	304 HL	1.18	1.46	1.95	3.00			
	304 BA		1.46	1.95				
	316L HL		1.47	1.95	3.00			
1 1/2" X 1 1/2"	304 HL	1.38	1.72	2.32	3.42			
	304 BA		1.72	2.32				
	316L HL		1.77	2.32	3.42			
40 X 40	304 HL		1.81	2.38	3.63			
	316L HL		1.81		3.63			
2" X 2"	304 HL	1.90	2.38	3.08	4.62			
	304 BA		2.38	3.08				
	316L HL			3.08	4.62		7.55	
60 X 60	304 HL		2.82		5.42			
	316L HL				5.42		8.89	
75 X 75	304 HL						11.67	13.38
	316L HL				7.00			13.38
3" X 3"	304 HL			4.75	7.50		12.17	
	316L HL							
80 x 80	304 HL				7.253			
	316L HL						11.78	
100 X 100	304 HL			6.33	9.38	12.058	15.38	17.50
	316L HL				9.38			18.13
120 X 120	304 HL						18.67	
	316L HL							21.25
150 X 150	304 HL					18.34	21.67	
	316L HL							26.83
200 X 200	304 HL							
	316L HL							35.00
250 X 250	304 HL							
	316L HL							43.33
300 X 300	304 HL							
	316L HL							53.33

RECTANGULAR HOLLOW SECTIONS

STAINLESS STEEL HOLLOW SECTION

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- Available in grades 304 and 316L
- Fixed in standard 6 meters length
- Available in Hairline finish & Bright finish (for 304 and certain sizes only)

Weight provided is based on theoretical calculations. Actual weight may vary.

SIZING (MM/INCHES)	GRADE	THICKNESS (MM)						
		1.2	1.5	2.0	3.0	4.0	5.0	6.0
		KG / MTR						
10 X 20	304 HL	0.51						
12 X 25	304 HL	0.69						
	316L HL	0.69						
1/2" X 1"	304 BA	0.69						
15 X 30	304 HL		1.00					
	304 BA		1.00					
	316L HL		1.00					
20 X 40	304 HL		1.38					
	304 BA		1.38					
	316L HL		1.38					
1" X 1 1/2"	304 HL	1.17	1.46					
	316 HL	1.17						
25 X 50	304 HL	1.50		2.33	3.40			
	316L HL		1.77	2.33	3.40			
1" X 2"	304 HL		1.77					
	304 BA		1.77					
25 X 75	304 HL		2.38		4.77			
	316L HL		2.38		4.77			
1" X 3"	304 BA		2.38					
40 X 60	304 HL		2.33		4.67			
	316L HL				4.67			
40 X 80	304 HL		2.82		5.50		8.64	
	316L HL		2.82		5.50		8.64	
45 X 75	304 HL		2.82		5.50			
	316L HL		2.82		5.50			
25 X 100	304 HL							
	316L HL	2.87						
50 X 100	304 HL			4.72	7.07	8.87		
	316L HL			4.72	7.07			13.38
2" X 4"	304 HL						11.25	
50 X 150	304 HL				9.38			
	316 HL						18.84	
60 X 120	304 HL				8.25		13.75	
75 X125	304 HL							
	316L HL							17.33
75 X150	304 HL				10.33			
	316L HL							19.67
100 X 150	304 HL				11.10		18.80	
	316L HL				11.10		18.80	22.17
100 X 200	316L HL					18.60		27.37
	316L HL						22.33	



CIRCULAR HOLLOW SECTIONS

STAINLESS STEEL HOLLOW SECTION

- Stainless Steel Hollow Sections are manufactured according to ASTM A554
- Available in grades 304 and 316L
- Fixed in standard 6 meters length
- Available in Hairline finish (HL) & Bright finish (BF)

Weight provided is based on theoretical calculations. Actual weight may vary.

SIZING (MM/INCHES)	GRADE	0.7	0.8	THICKNESS (MM)			
				1.2	1.5	2.0	3.0
				WEIGHT / LENGTH			
1/4"	304 BF	0.80					
5/16"	304 BF		0.96				
3/8"	304 BF			1.50			
1/2"	304 BF			2.10	2.55		
	316L BF				2.55		
5/8"	304 BF			2.68	3.28		
	316L BF				3.28		
3/4"	304 BF			3.26	4.01	5.10	
	304 HL				4.01		
	316L BF				4.01		
7/8"	304 BF			3.83	4.71		
	316L BF				4.71		
1"	304 BF			4.41	5.44	7.19	10.20
	304 HL					7.19	10.20
	316L BF			4.35	5.44	7.19	10.20
	316L HL				5.44	7.19	10.20
1 1/8"	304 BF			4.99	6.16		11.60
	304 HL						
1 1/4"	304 BF			5.58	6.89	8.90	13.10
	304 HL				6.89	8.90	13.10
	316L BF				6.90	8.90	13.10
	316L HL				6.90	8.90	13.10
35mm	304 BF				7.62		14.50
1 1/2"	304 BF			6.71	8.35	10.80	16.00
	304 HL				8.35	10.50	16.00
	316L BF				8.40	10.80	16.00
	316L HL				8.35	10.80	16.00

Weight provided is based on theoretical calculations. Actual weight may vary.

SIZING (MM/INCHES)	GRADE	0.7	0.8	THICKNESS (MM)			
				1.2	1.5	2.0	3.0
WEIGHT / LENGTH							
1 5/8"	304 BF				9.08		
1 3/4"	304 BF				9.81	13.08	18.90
	304 HL				9.81		18.90
	316L BF				9.81		18.90
	316L HL				9.81		18.90
2"	304 BF			9.02	11.20	14.50	21.80
	304 HL				11.20	14.50	21.80
	316L BF				11.20	14.50	21.90
	316L HL				11.20	14.50	21.90
2 1/2"	304 BF				14.11	18.30	27.60
	304 HL				14.11		27.60
	316L BF				14.10	18.30	27.60
	316L HL				14.10	18.30	27.60
3"	304 BF				16.50	22.20	32.40
	304 HL				16.50		32.40
	316L BF				17.00	22.20	33.60
	316L HL				17.00	22.20	33.60
4"	304 BF					29.80	44.90
	304 HL					29.80	44.90
	316L BF					29.80	45.00
5"	304 BF						56.60
	304 HL						56.60
	316L BF						56.60
6"	304 BF						68.30
	304 HL						68.30
	316L BF						68.30
	316L HL						68.30