



Tata Steel International (Australasia) Ltd

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# Pipe & Pipe Fittings

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**Stainless Steel**

**TATA STEEL**

# SECTION D

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# STAINLESS STEEL PIPE

Manufactured to ASTM A-312

## WELDED PIPE

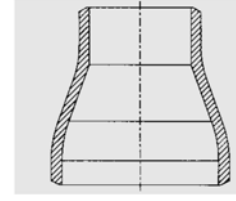
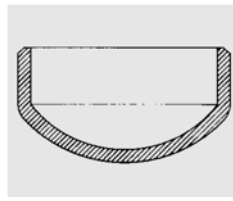
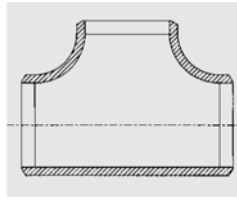
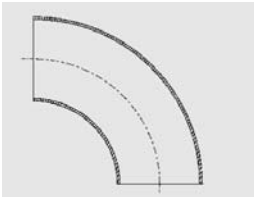
OUTSIDE DIAMETER		SCHEDULE 10				SCHEDULE 40			
		Wall Thickness	Weight			Wall Thickness	Weight		
NB	mm	mm	kg / m	304L	316L	mm	kg / m	304L	316L
1/4"	13.70	1.65	0.49	•	•	2.24	0.63	•	•
3/8"	17.15	1.65	0.63	•	•	2.31	0.84	•	•
1/2"	21.34	2.11	1.00	•	•	2.77	1.27	•	•
3/4"	26.67	2.11	1.28	•	•	2.87	1.68	•	•
1"	33.53	2.77	2.09	•	•	3.38	2.49	•	•
1 1/4"	42.16	2.77	2.70	•	•	3.56	3.38	•	•
1 1/2"	48.26	2.77	3.10	•	•	3.68	4.04	•	•
2"	60.45	2.77	3.30	•	•	3.91	5.44	•	•
2 1/2"	73.15	3.05	5.26	•	•	5.16	8.62	•	•
3"	88.90	3.05	6.45	•	•	5.49	11.27	•	•
4"	114.30	3.05	8.35	•	•	6.02	16.05	•	•
5"	141.22	3.40	11.56	•	•	6.55	21.75	•	•
6"	168.15	3.40	13.82	•	•	7.11	28.22	•	•
8"	218.95	3.76	19.93	•	•				
10"	273.05	4.19	27.82	•	•				
12"	323.85	4.57	35.95	•	•				

## SEAMLESS PIPE

OUTSIDE DIAMETER		SCHEDULE 80		
		Wall Thickness	Weight	
NB	mm	mm	kg / m	316L
1/4"	13.70			
3/8"	17.15			
1/2"	21.34	3.73	1.64	•
3/4"	26.67	3.91	2.22	•
1"	33.53	4.55	3.28	•
1 1/4"	42.16	4.85	4.52	•
1 1/2"	48.26	5.08	5.48	•
2"	60.45	5.54	7.48	•
2 1/2"	73.15	7.01	11.41	•
3"	88.90	7.62	15.47	•
4"	114.30	8.56	22.60	•
5"	141.22	10.97	42.60	•
6"	168.15			
8"	218.95			
10"	273.05			
12"	323.85			

For other sizes and material grades please contact your nearest Cous Metals branch.

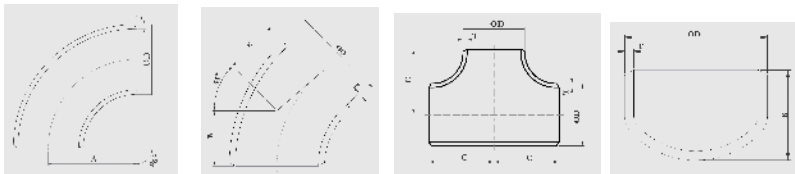
# STAINLESS STEEL BUTT WELD PIPE FITTINGS



SIZE IMPERIAL (Inches)	LR 316L ELBOWS				316L TEES		316L ENDCAPS	
	45°		90°		SCH 10	SCH 40	SCH 10	SCH 40
1/2"		•	•	•	•	•		
3/4"		•	•	•	•	•		
1"		•	•	•	•	•	•	•
1 1/4"		•		•	•	•	•	•
1 1/2"		•	•	•	•	•	•	•
2"		•	•	•	•	•	•	•
2 1/2"		•	•	•	•	•	•	•
3"		•	•	•	•	•	•	•
4"	•	•	•	•	•	•	•	•
6"	•	•	•	•	•	•		
8"	•		•		•			
10"	•		•		•			
12"	•		•		•			

SIZE IMPERIAL (Inches)	316L CONCENTRIC REDUCER	
	SCH. 10	SCH. 40
3/4" - 1/2"	•	•
1" - 1/2"	•	•
1" - 3/4"	•	•
1 1/4" - 1"	•	•
1 1/2" - 1"	•	•
1 1/2" - 1 1/4"	•	•
2" - 1"	•	•
2 - 1 1/2"	•	•
2 1/2" - 2"	•	•
3" - 2"	•	•
3 - 2 1/2"	•	•
4" - 2"	•	•
4" - 3"	•	•
6" - 4"	•	•
8" - 6"	•	
10" - 8"	•	
12" - 10"	•	

Specification for base material – ASTM A312  
 Specification for inspection – ASTM A403-91WP-316L-W  
 Dimension inspection – ANSI B169-93



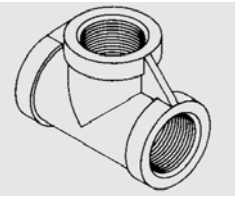
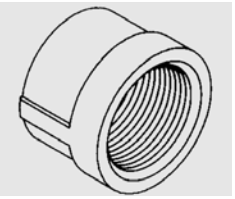
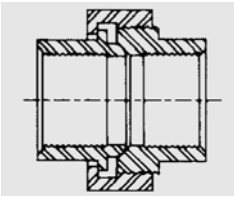
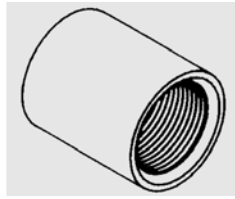
DIMENSIONS	90° L/R ELBOWS	45° L/R ELBOWS	TEES	CAPS
NOMINAL PIPE SIZE	CENTRE TO END (A)	CENTRE TO END (B)	CENTRE TO END (C)	OVERALL LENGTH (D)
1/2"	38.10	15.75	25.40	25.40
3/4"	28.45	11.18	28.45	25.40
1"	38.10	22.35	38.10	38.10
1 1/4"	47.75	25.40	47.75	38.10
1 1/2"	57.15	28.45	57.15	38.10
2"	76.20	35.05	63.50	38.10
2 1/2"	95.25	44.45	76.20	38.10
3"	114.30	50.80	85.85	50.80
4"	152.40	63.50	104.65	63.50
5"	190.50	79.25	123.95	76.20
6"	228.60	95.25	142.75	88.90
8"	304.80	127.00	177.80	101.60
10"	381.00	158.75	215.90	127.00
12"	457.20	190.50	254.00	152.40

DIMENSIONS	CONCENTRIC REDUCERS
NOMINAL PIPE SIZE	OVERALL LENGTH (E)
3/4" - 1/2"	38.10
1" - 1/2"	50.80
1" - 3/4"	50.80
1 1/4" - 1"	50.80
1 1/2" - 1"	63.50
1 1/2" - 1 1/4"	63.50
2" - 1"	76.20
2" - 1 1/2"	76.20
2 1/2" - 2"	88.90
3" - 2"	88.90
3" - 2 1/2"	88.90
4" - 2"	101.60
4" - 3"	101.60
6" - 4"	139.70
8" - 6"	152.40
10" - 8"	177.80
12" - 10"	203.20

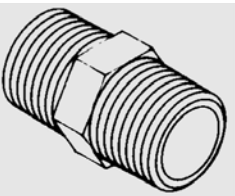
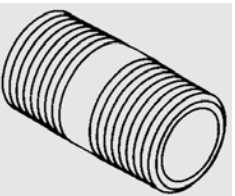
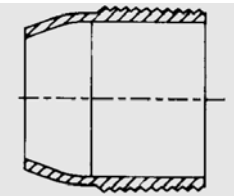
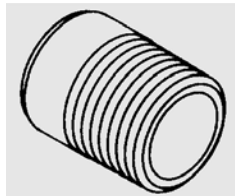
# STAINLESS STEEL BSP FITTINGS T316

Manufactured to ASTM A312 Material ex Pipe

Manufactured to ASTM A351 Material ex Castings



	BSP SOCKETS	BSP MACUNIONS	END CAPS	BSP TEES
1/8"	•	•	•	•
1/4"	•	•	•	•
3/8"	•	•	•	•
1/2"	•	•	•	•
3/4"	•	•	•	•
1"	•	•	•	•
1 1/4"	•	•	•	•
1 1/2"	•	•	•	•
2"	•	•	•	•
2 1/2"	•	•	•	•
3"	•	•	•	•
4"	•	•	•	•

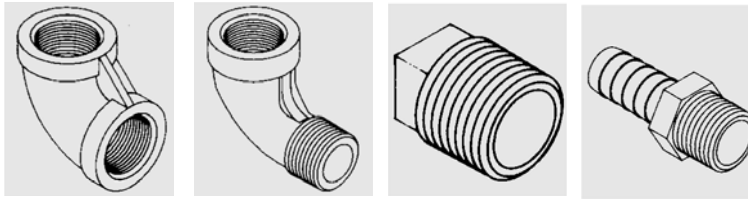


	WELD NIPPLES	REDUCED WELD NIPPLES	BARREL NIPPLES	HEX NIPPLES
1/8"	•		•	•
1/4"	•		•	•
3/8"	•		•	•
1/2"	•	•	•	•
3/4"	•	•	•	•
1"	•	•	•	•
1 1/4"	•	•	•	•
1 1/2"	•	•	•	•
2"	•	•	•	•
2 1/2"	•	•	•	•
3"	•	•	•	•
4"	•	•	•	•

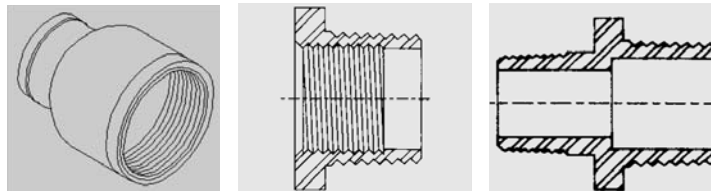
# STAINLESS STEEL BSP FITTINGS T316

Manufactured to ASTM A312 Material ex Pipe

Manufactured to ASTM A351 Material ex Castings



	BSP F/F ELBOWS		BSP M/F 90° (STREET) ELBOWS	BSP PLUGS	BSP HOSETAILS	
	45°	90°				
1/8"	•	•	•	•		
1/4"	•	•	•	•	•	1/4" BSP to 1/4" I/D Hose
3/8"	•	•	•	•	•	3/8" BSP to 3/8" I/D Hose
1/2"	•	•	•	•	•	1/2" BSP to 1/2" I/D Hose
3/4"	•	•	•	•	•	3/4" BSP to 3/4" I/D Hose
1"	•	•	•	•	•	1" BSP to 1" I/D Hose
1 1/4"	•	•	•	•	•	1 1/4" BSP to 1 1/4" I/D Hose
1 1/2"	•	•	•	•	•	1 1/2" BSP to 1 1/2" I/D Hose
2"	•	•	•	•	•	2" BSP to 2" I/D Hose
2 1/2"		•		•	•	
3"		•		•	•	
4"		•		•	•	



	BSP REDUCING SOCKETS	BSP REDUCING BUSHES	BSP REDUCING HEX NIPPLES
3/8" – 1/4"	•	•	•
1/2" – 1/4"	•	•	•
1/2" – 3/8"	•	•	•
3/4" – 1/2"	•	•	•
1" – 1/2"	•	•	•
1" – 3/4"	•	•	•
1 1/4" – 1"	•	•	
1 1/2" – 1"	•	•	
1 1/2" – 1 1/4"	•	•	
2" – 1"	•	•	
2" – 1 1/2"	•	•	•
3" – 2"		•	•



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