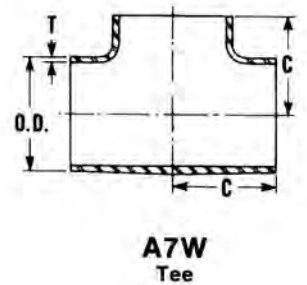
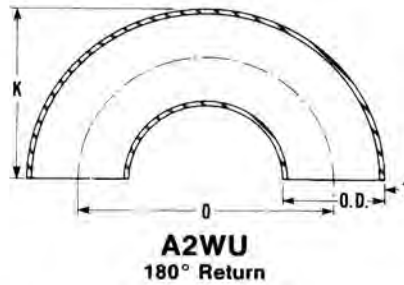
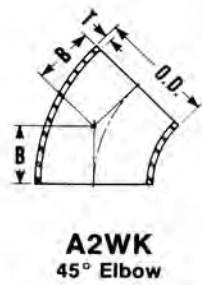
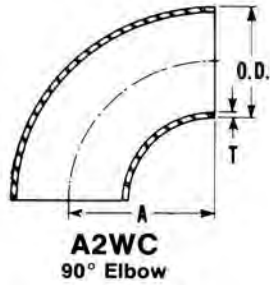
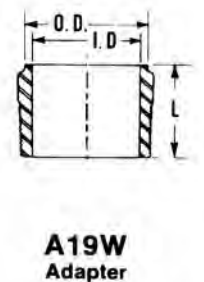
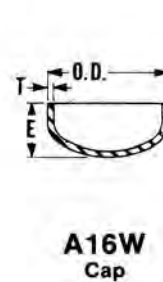
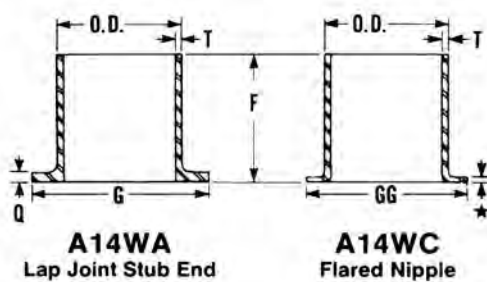
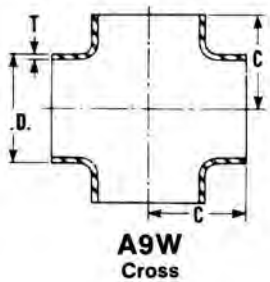


Industrial Tube O.D. Butt Weld Fittings

Corrosion-Resistant Fittings for Process Piping in T304 or T316L Stainless Steel*



Size Tube O.D.	Wall	90° Elbow	45° Elbow	180° Return		Tee
	T	A	B	K	O	C
1/2	.065	3/4	9/32	2 1/2	4 1/2	3/4
3/4	.065	1 1/8	15/32	2 5/8	4 1/2	1 7/8
1	.065	1 1/2	5/8	2 3/4	4 1/2	1 7/8
1 1/2	.065	2 1/4	15/16	3	4 1/2	2 1/4
2	.065	3	1 1/4	4	6	3
2 1/2	.065	3 3/4	1 9/16	5	7 1/2	3
3	.065	4 1/2	1 7/8	6	9	3 1/4
4	.083	6	2 1/2	8	12	3 7/8
6	.109	9	3 3/4	-	-	5

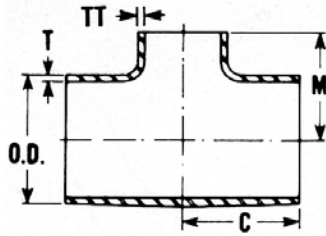


Size Tube O.D.	Wall	Cross	Lap Joint Stub End/Flared Nipple				Cap	Adapter
	T	C	F	Q	G	GG	E	L
1/2	.065	3/4	-	-	-	-	1/4	1 5/8
3/4	.065	1 7/8	1 3/8	.098	1 11/16	1 3/8	5/16	1 5/8
1	.065	1 7/8	1 5/8	.130	2	1 3/4	3/8	1 3/4
1 1/2	.065	2 1/4	1 3/4	.130	2 7/8	2 1/2	9/16	1 3/4
2	.065	3	1 1/2	.130	3 5/8	3 1/4	3/4	1 13/16
2 1/2	.065	3	2	.130	4 1/8	3 3/4	1	2 5/16
3	.065	3 1/4	2 1/4	.166	5	4 3/8	1 1/4	2 1/2
4	.083	3 7/8	2 5/8	.166	6 3/16	5 5/8	1 1/2	2 9/16
6	.109	5	3	.218	8 1/2	7 3/4	2	-

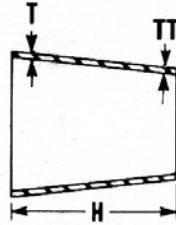
*Available in I.D. or O.D. polish on request



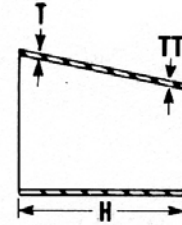
Industrial Tube O.D. Butt Weld Fittings



A7RW
Reducing Tee

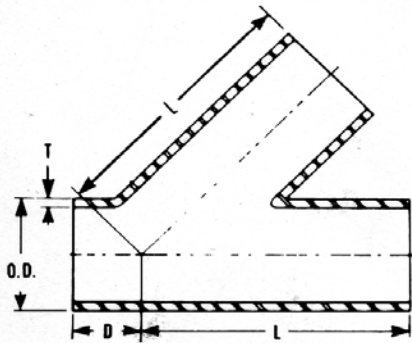


A31W
Concentric Reducer

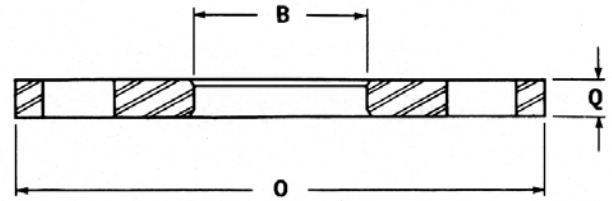


A32W
Eccentric Reducer

Size Tube O.D.	Reducing Tee/Reducers					Size Tube O.D.	Reducing Tee/Reducers				
	T	TT	C	M	H		T	TT	C	M	H
1 x 3/4	.065	.065	1 7/8	2	1	3 x 2	.065	.065	3 1/4	3 1/2	4
1 1/2 x 1	.065	.065	2 1/4	2 1/8	2	3 x 2 1/2	.065	.065	3 1/4	3 1/4	2
2 x 1	.065	.065	3	2 3/8	4	4 x 2	.083	.065	3 7/8	4	8
2 x 1 1/2	.065	.065	3	2 1/2	2	4 x 2 1/2	.083	.065	3 7/8	3 3/4	6
2 1/2 x 1 1/2	.065	.065	3	2 3/4	4	4 x 3	.083	.065	3 7/8	3 3/4	4
2 1/2 x 2	.065	.065	3	3 1/4	2	6 x 3	.109	.065	5	4 3/4	6
3 x 1 1/2	.065	.065	3 1/4	3	6	6 x 4	.109	.083	5	4 7/8	4



A28WA
Lateral



A38SL
Flange

Size Tube O.D.	Lateral		
	T	D	L
1	.065	1	5
1 1/2	.065	1 3/16	6 3/16
2	.065	1 5/8	7 1/8
2 1/2	.065	1 1/2	8 1/2
3	.065	1 7/8	8 7/8
4	.083	2 1/16	10 3/4
6	.109	4	12 1/2

Size Tube O.D.	Flange					
	O	Q	B	Bolt Circle	Bolt Holes*	Holes Dia
3/4	3 7/8	3/8	.813	2 3/4	4	5/8
1	4 1/4	3/8	1.063	3 1/8	4	5/8
1 1/2	5	3/8	1.563	3 7/8	4	5/8
2	6	7/16	2.063	4 3/4	4	3/4
2 1/2	7	7/16	2.563	5 1/2	4	3/4
3	7 1/2	1/2	3.063	6	4	3/4
4	9	1/2	4.063	7 1/2	8	3/4
6	11	9/16	6.063	9 1/2	8	7/8

Drilling and O.D. match ASA B16.5-150 lb. Steel Plate Flange.
*Holes 1/8" Larger than recommended bolt.

