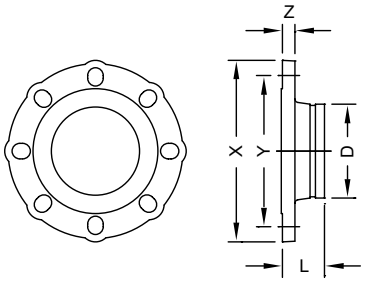
SHURJOINT®
SUBMITTAL SHEET

SS-80

Stainless Steel Universal Flange Adapter



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	

The Model SS-80 Flange Adapter provides for a rigid transition between a grooved piping system and a flanged piping system or component. The SS-80 can mate to a variety of flange type including ANSI class 125/150, PN10 / PN16 and JIS 10K. The SS-80 is investment cast standard in grades CF8 (304) and CF8M (316). In addition the SS-80 is also available on request in CF3M (316L), 316Ti, 2205 Duplex and 2507 Super Duplex to meet your specific service requirement.

Shurjoint Model SS-80 pressure ratings conform to the working pressure of the coupling used to join the system.

For Fire Protection pressure rating, listing, and approval information, refer to Data Sheet B-42 or visit www.shurjoint.com for details or contact Shurjoint.

DIMENSIONS

NOMINAL SIZE	PIPE O.D.	L	X	Y: FLANGE DRILLING				Z	BOLT				WEIGHT
				ANSI 125 / 150	PN 10	PN16	JIS 10K		ANSI 125 / 150	PN 10	PN16	JIS 10K	
in	in	in	in	in	in	in	in	in	Size	Size	Size	Size	lb.
mm	mm	mm	mm	mm	mm	mm	mm	mm	No.	No.	No.	No.	kg
2	2.375	2.50	6.50	4.75	4.92	4.92	4.72	0.63	5/8	M16	M16	M16	4.4
50	60.3	64	165	121	125	125	120	16	4	4	4	4	2.0
2-1/2*	2.875	3.00	7.28	5.50	5.70	5.70	5.50	0.63	5/8	---	---	---	6.4
65	73.0	76	185	140	145	145	140	16	4	---	---	---	2.9
76.1 mm	3.000	3.00	7.28	5.50	5.70	5.70	5.50	0.63	---	M16	M16	M16	6.6
	76.1	76	185	140	145	145	140	16	---	4	4	4	3.0
3	3.500	2.95	7.78	6.00	6.30	6.30	5.90	0.63	5/8	M16	M16	M16	7.5
80	88.9	75	200	152	160	160	150	16	8	8	8	8	3.4
4	4.500	2.95	8.86	7.50	7.09	7.09	6.89	0.63	5/8	M16	M16	M16	8.6
100	114.3	75	225	191	180	180	175	16	8	8	8	8	3.9
139.7 mm*	5.500	2.95	10.00	8.50	8.27	8.27	8.27	0.63	---	M16	M16	M20	14.7
	139.7	75	254	216	210	210	210	16	---	8	8	8	6.7
5	5.563	2.95	10.00	8.50	8.27	8.27	8.27	0.87	3/4	---	---	---	14.7
125	141.3	75	254	216	210	210	210	22	8	---	---	---	6.7
165.1 mm*	6.500	2.95	10.71	9.50	9.45	9.45	9.45	0.63	---	M20	M20	M20	15.0
	165.1	75	272	241	240	240	240	16	---	8	8	8	6.8
6	6.625	2.95	10.71	9.50	9.45	9.45	9.45	0.63	3/4	---	---	---	15.2
150	168.3	75	272	241	240	240	240	16	8	---	---	---	6.9
8	8.625	4.00	13.50	11.75	11.61	11.61	---	0.87	3/4	M20	M20	---	31.9
200	219.1	102	343	298	295	295	---	22	8	8	16	---	14.5
200 JIS	8.516	4.00	13.50	11.75	11.61	11.61	11.42	0.87	---	---	---	M20	30.8
	216.3	102	343	298	295	295	290	22	---	---	---	12	14.0
10	10.750	3.94	16.00	14.25	13.77	14.00	14.00	1.18	7/8	M20	M24	M22	49.6
250	273.0	100	406	362	350	355	355	30	12	12	12	12	22.5
12*	12.750	4.45	19.00	17.00	15.75	16.14	---	1.26	7/8	M20	M24	---	65.9
300	323.9	113	483	432	400	410	---	32	12	12	12	---	29.9

aalberts integrated piping systems

SS-80

Stainless Steel Universal Flange Adapter

MATERIAL SPECIFICATIONS

HOUSING:

- Type 304 Stainless steel to ASTM A351 CF8 or A743 Gr. CF8
- Type 316 to ASTM A743 CF8M
- Type 316L to ASTM A743 CF3M
- Type 316Ti to ASTM A240
- Duplex 2205 to ASTM A890 4A
- Super Duplex 2507 to ASTM A890 5A
- Duplex 254SMO to ASTM A351 CK3McuN

GENERAL NOTES

- Maximum Working Pressure (CWP) listed is the maximum cold water pressure for general piping services tested to ASTM F1476 and or AWWA C606 methods. Figures listed are based on roll- or cut-grooved standard wall carbon steel pipe. For other pipe schedules or pipe materials, contact Shurjoint for additional information.
- Max. End Load is calculated based on the maximum working pressure (CWP).
- Listed and or Approved Pressures are pressure ratings for fire protection systems, tested and approved by various approval bodies. Please always refer to the latest approval data posted on the Shurjoint website.
- Field Joint Test: For one time only the system may be tested hydrostatically at 1.5 times the maximum working pressure listed (AWWA C606 5.2.3).
- Warning: Piping systems must always be depressurized and drained before attempting disassembly and or removal of any components.
- The 10 Year Limited Warranty applies to manufacturing defects only and does not cover severe service/temperature applications or wear parts.
- Shurjoint reserves the right to change specifications, designs and or standard without notice and without incurring any obligations.