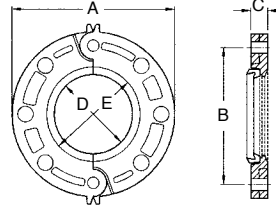


MODEL

SS-41 FLANGE ADAPTER - ANSI 125/150

The Model SS-41 stainless steel flange adapter allows for a direct connection with ANSI Class 125/150 flanges. The SS-41 is investment cast in Gr. CF8 (304) or CF8M

(316). Integral closure tabs located on the flange OD help facilitate alignment and assembly.



Pressure-Temperature Rating

Nom. Rating	Working Pressure (S40S, Roll-grooved)	Max. Service Temperature
Class 150	300 psi @100°F 20 Bar @38°C	EPDM: 230°F / 110°C Nitrile: 180°F / 82°C

*The working pressure shown is based on roll-grooved Sch. 40S pipe. Apply 110% for cut-grooved Sch. 40S pipe. Apply 80% for roll-grooved Sch. 10S pipe and 50% for roll-grooved Sch. 5S pipe.
*Proof test pressure: 1.5 times the working pressure, non-shock cold water.

Nominal Size mm / in	Pipe O. D. mm / in	Max. Working Pressure Bar / PSI	Max. End Load kN / Lbs	Dimensions			Sealing Surface		Bolts		Weight Kgs / Lbs
				A mm / in	B mm / in	C mm / in	D mm / in	E mm / in	No.	Size. in	
50	60.3	20	5.71	152	121	21	60	87	4	5/8 x 3	2.1
2	2.375	300	1330	6.00	4.75	0.83	2.36	3.42			4.6
65	73.0	20	8.37	178	140	22	73	102			2.7
2½	2.875	300	1950	7.00	5.50	0.87	2.87	4.00	4	5/8 x 3	6.0
80	88.9	20	12.41	190	152	24	89	116			3.1
3	3.500	300	2880	7.50	6.00	0.94	3.50	4.56	4	5/8 x 3	6.8
100	114.3	20	20.51	229	191	24	114	141			4.5
4	4.500	300	4770	9.00	7.50	0.94	4.50	5.56	8	5/8 x 3	9.9
150	168.3	20	44.47	279	241	25	168	198			5.8
6	6.625	300	10340	11.00	9.50	1.00	6.62	7.79	8	¾ x 3½	12.9
200	219.1	20	75.37	343	298	28	219	254			9.2
8	8.625	300	17520	13.50	11.75	1.12	8.62	10.00	8	¾ x 3½	20.2

* Based on Sch. 10S pipe.

MODEL

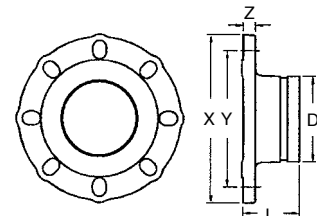
SS-80 STAINLESS STEEL UNIVERSAL FLANGE ADAPTER

The Model SS-80 Universal 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 ANSI 125/150, PN 10/16, BS-10E or JIS 10K, and is available standard in CF8 (304) or CF8M (316).

Pressure-Temperature Rating

Nom. Rating	Working Pressure (S40S, Roll-grooved)	Max. Service Temperature
Class 150	300 psi @100°F 20 Bar @38°C	EPDM: 230°F / 110°C Nitrile: 180°F / 82°C

*The working pressure shown is based on roll-grooved Sch. 40S pipe. Apply 110% for cut-grooved Sch. 40S pipe. Apply 80% for roll-grooved Sch. 10S pipe and 50% for roll-grooved Sch. 5S pipe.
*Proof test pressure: 1.5 times the working pressure, non-shock cold water.
*Burst pressure is engineered minimum 3 times the working pressure.



Nominal Size mm / in	Pipe O. D. Basic mm / in	L	X	Y: Flange Drilling				Z mm / in	Bolt		Weight Kgs / Lbs
				ANSI 125 / 150 mm / in	PN 10, 16 mm / in	JIS 10K mm / in			Size mm / in	No.	
50	60.3	64	165	121	125	120	16	M16	4	2.0	
2	2.375	2.50	6.50	4.75	4.92	4.72	0.63	5/8	4	4.4	
65	73.0	70	185	140	145	140	16	M16	4	2.9	
2½	2.875	2.75	7.28	5.50	5.70	5.50	0.63	5/8	4	6.4	
76.1 mm	76.1	76	185	140	145	140	16	M16	4	3.0	
	3.000	3.00	7.28	5.50	5.70	5.50	0.63	5/8	4	6.6	
80	88.9	76	200	152	160	150	16	M16	8	3.4	
3	3.500	3.00	7.78	6.00	6.30	5.90	0.63	5/8	8	7.5	
100	114.3	76	220	191	180	175	16	M16	8	3.9	
4	4.500	3.00	8.66	7.50	7.09	6.89	0.63	5/8	8	8.6	
139.7 mm	139.7	76	254	216	210	210	22	M16 / M20	8	6.7	
	5.500	3.00	10.00	8.50	8.27	8.27	0.87	5/8 / ¾	8	14.7	
125	141.3	89	254	216	210	210	22	M16 / M20	8	6.7	
5	5.563	3.50	10.00	8.50	8.27	8.27	0.87	5/8 / ¾	8	14.7	
165.1 mm	165.1	76	270	241	240	240	16	M20	8	6.8	
	6.500	3.00	10.63	9.50	9.45	9.45	0.63	¾	8	15.0	
150	168.3	89	291	241	240	240	24	M20	8	6.9	
6	6.625	3.50	11.46	9.50	9.45	9.45	0.94	¾	8	15.2	
200	219.1	102	343	298	295	N/A	29	M20	8 / 12	14.5	
8	8.625	4.00	13.50	11.75	11.61	N/A	1.14	¾	8 / 12	31.9	
200 JIS	216.3	102	343	298	295	N/A	23	M20	8 / 12	14.0	
	8.516	4.00	13.50	11.75	11.61	N/A	0.91	¾	8 / 12	30.8	

Contact Shurjoint for other sizes.