



## 4-Bolt 90° Butt Weld Flanges for Schedule 40

STANDARD PRESSURE : CODE 61

FLANGE SIZE	PIPE SIZE	O-RING GROOVE PART NO.	FLAT FACE PART NO.												MIN			MAX			MOUNTING KIT INFORMATION		
				A	B	D	E	G	H	I	L	M	M	N	O	O	P	PART NO. <sup>1</sup>	O-RING SHCS	WT			
1/2"	1/2"	13030-08-08	13031-08-08	0.84	0.62	0.79	0.63	2.13	1.500	0.688	1.89	0.35	5/16-18	1.46	1.000	1.005	2.36	SK-080	-210	5/16-18x1-1/4	1.01		
3/4"	3/4"	13030-12-12	13031-12-12	1.06	0.82	0.95	0.71	2.56	1.875	0.875	1.97	0.43	3/8-16	1.50	1.250	1.255	2.48	SK-100	-214	3/8-16x1-1/2	1.43		
1"	1"	13030-16-16	13031-16-16	1.36	1.04	1.10	0.75	2.76	2.062	1.031	2.36	0.43	3/8-16	1.69	1.560	1.565	2.76	SK-102	-219	3/8-16x1-1/2	1.87		
1 1/4"	1 1/4"	13030-20-20	13031-20-20	1.69	1.38	1.34	0.83	3.11	2.312	1.188	2.68	0.45	7/16-14	2.01	1.750	1.755	3.35	SK-104	-222	7/16-14x1-1/2	2.54		
1 1/2"	1 1/2"	13030-24-24	13031-24-24	1.97	1.61	1.50	0.98	3.66	2.750	1.406	3.07	0.55	1/2-13	2.17	2.115	2.125	3.74	SK-106	-225	1/2-13x1-3/4	3.75		
2"	2"	13030-32-32	13031-32-32	2.56	2.06	1.65	0.98	4.33	3.062	1.688	3.54	0.55	1/2-13	2.56	2.490	2.500	4.33	SK-108	-228	1/2-13x1-3/4	4.74		

## 4-Bolt 90° Butt Weld Flanges for Schedule 80

STANDARD PRESSURE : CODE 61

FLANGE SIZE	PIPE SIZE	O-RING GROOVE PART NO.	FLAT FACE PART NO.												MIN			MAX			MOUNTING KIT INFORMATION		
				A	B	D	E	G	H	I	L	M	M	N	O	O	P	PART NO. <sup>1</sup>	O-RING SHCS	WT			
1/2"	1/2"	13032-08-08	13033-08-08	0.84	0.55	0.79	0.63	2.13	1.500	0.688	1.89	0.35	5/16-18	1.46	1.000	1.005	2.36	SK-080	-210	5/16-18x1-1/4	1.03		
3/4"	3/4"	13032-12-12	13033-12-12	1.06	0.74	0.95	0.71	2.56	1.875	0.875	1.97	0.43	3/8-16	1.50	1.250	1.255	2.48	SK-100	-214	3/8-16x1-1/2	1.45		
1"	1"	13032-16-16	13033-16-16	1.36	0.96	1.10	0.75	2.76	2.062	1.031	2.36	0.43	3/8-16	1.69	1.560	1.565	2.76	SK-102	-219	3/8-16x1-1/2	1.89		
1 1/4"	1 1/4"	13032-20-20	13033-20-20	1.69	1.28	1.34	0.83	3.11	2.312	1.188	2.68	0.45	7/16-14	2.01	1.750	1.755	3.35	SK-104	-222	7/16-14x1-1/2	2.57		
1 1/2"	1 1/2"	13032-24-24	13033-24-24	1.97	1.50	1.50	0.98	3.66	2.750	1.406	3.07	0.55	1/2-13	2.17	2.115	2.125	3.74	SK-106	-225	1/2-13x1-3/4	3.78		
2"	2"	13032-32-32	13033-32-32	2.56	1.94	1.65	0.98	4.33	3.062	1.688	3.54	0.55	1/2-13	2.56	2.490	2.500	4.33	SK-108	-228	1/2-13x1-3/4	4.79		

<sup>1</sup> Add a "K" to flange part # to include mounting hardware.