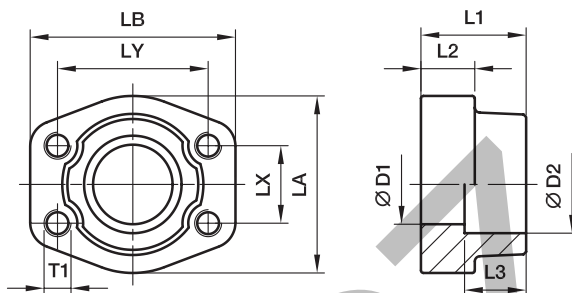


## PGFS-S SAE Straight counter 4 bolt flange (socket weld)

SAE Counter flange / Socket weld tube end  
(ISO 6162-1/-2)



### 3000 PSI Series

Nom. flange size		max.	D1	D2	L1	L2	L3	LA	LB	LX	LY	DB	Bolts		Weight (steel) kg/piece	Order code*	PN (bar) <sup>1)</sup>	
SAE (in.)	ISO (DN)												(metr.)	(unc.)			S	SS
1/2	13	17.2	13	17.5	36	16	18	47	58	17.5	38.1	8.9	M 8	5/16	0.33	<b>PGFS080S17.5</b>	345	345
1/2	13	21.3	13	21.6	36	16	18	47	58	17.5	38.1	8.9	M 8	5/16	0.32	<b>PGFS080S21.6</b>	345	345
3/4	19	26.9	19	27.2	36	18	18	49	66	22.3	47.6	10.6	M10	3/8	0.42	<b>PGFS100S27.2</b>	345	345
1	25	33.7	25	34.1	38	18	18	53	70	26.2	52.4	10.6	M10	3/8	0.53	<b>PGFS102S34.1</b>	345	345
1 1/4	32	42.4	31	42.8	41	21	20	69	80	30.2	58.7	10.6***	M10	7/16	0.77	<b>PGFS104S42.8</b>	276	276
1 1/2	38	48.3	38	48.6	44	25	22	77	94	35.7	69.9	13.3	M12	1/2	1.14	<b>PGFS106S48.6</b>	207	207
2	51	60.3	50	61.0	45	25	24	89	103	42.9	77.8	13.3	M12	1/2	1.22	<b>PGFS108S61</b>	207	207
2 1/2	64	76.1	63	76.6	50	25	28	101	115	50.8	88.9	13.3	M12	1/2	1.50	<b>PGFS110S76.6</b>	172	172
3	76	88.9	73	90.5	50	27	28	124	135	61.9	106.4	16.7	M16	5/8	2.30	<b>PGFS112S90.5</b>	138	138
3 1/2	89	101.6	89	103.0	50	27	28	137	153	69.9	120.7	16.7	M16	5/8	2.64	<b>PGFS114S103</b>	34	34
4	102	114.3	99	115.5	50	27	28	147	163	77.8	130.2	16.7	M16	5/8	3.11	<b>PGFS116S115.5</b>	34	34
5	127	140.0	120	142.0	50	28	28	180	184	92.1	152.4	16.7	M16	5/8	4.31	<b>PGFS118S142</b>	34	34

### 6000 PSI Series

1/2	13	17.2	13	17.5	36	16	18	47	58	18.2	40.5	8.9	M 8	5/16	0.33	<b>PGFS401S17.5</b>	420	420
1/2	13	21.3	13	21.6	36	16	18	47	58	18.2	40.5	8.9	M 8	5/16	0.30	<b>PGFS401S21.6</b>	420	420
3/4	19	26.9	19	27.2	36	19	20	53	71	23.8	50.8	10.6	M10	3/8	0.57	<b>PGFS402S27.2</b>	420	420
1	25	33.7	25	34.1	44	24	22	66	80	27.8	57.2	13.3***	M12	7/16	0.89	<b>PGFS403S34.1</b>	420	420
1 1/4	32	42.4	31	42.8	44	27	22	77	94	31.8	66.6	15.0**	M14	1/2	1.22	<b>PGFS404S42.8</b>	420	420
1 1/4	32	42.4	31	42.8	44	27	22	77	94	31.8	66.6	13.3	M12	-	1.22	<b>PGFS404/12S42.8</b>	420	420
1 1/2	38	48.3	38	48.6	51	30	24	89	106	36.5	79.3	16.7	M16	5/8	1.78	<b>PGFS405S48.6</b>	420	420
2	51	60.3	50	61.0	70	37	25	116	135	44.5	96.8	20.6	M20	3/4	3.76	<b>PGFS406S61</b>	420	420
2 1/2	64	76.1	63	76.6	75	45	28	150	166	58.7	123.8	25.0	M24	-	7.28	<b>PGFS407S76.6</b>	420	420
3	76	88.9	73	90.5	90	55	30	178	208	71.4	152.4	30.0	M30	-	12.60	<b>PGFS408S90.5</b>	420	420

\*\*DB = 13.3 for UNC Bolts

\*\*\*DB = 12 for UNC Bolts

<sup>1)</sup>Pressure shown = Item deliverable

PN (bar) = PN (MPa)  
10

The pressures given here are the maximum allowable for the flange fittings. If the pipe or tube used has a lower pressure rating, then the welded assembly rating will be the lower one, assuming the weld is adequately strong.

**Stainless steel parts may have dimensional deviations. Additional information on request.**

\*Please add the **suffixes** below according to the material/surface required.

Order code suffixes				
Material	Suffix surface and material	Example 4 bolt flange with metr. threads	Example 4 bolt flange with UNC threads	Standard sealing material (no additional suffix needed)
Steel, blanc oil dipped	S	PGFS080S17.5SM	PGFS080S17.5SU	NBR
Stainless steel	SS	PGFS080S17.5SSM	PGFS080S17.5SSU	VIT