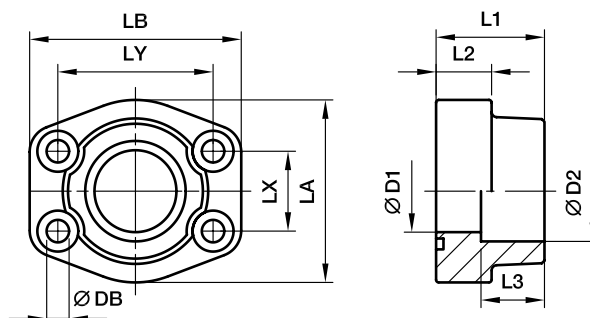



## PAFS-S SAE Straight 4 bolt flange (socket weld)

SAE 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	Screws		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	46	58	17.5	38.1	9.0	M 8×30	5/16×1 1/4	0.25	<b>PAFS080S17.5</b>	345	345	
1/2	13	21.3	13	21.6	36	16	18	46	58	17.5	38.1	9.0	M 8×30	5/16×1 1/4	0.28	<b>PAFS080S21.6</b>	345	345	
3/4	19	26.9	19	27.2	36	18	18	49	66	22.3	47.6	10.5	M10×35	3/8×1 1/2	0.39	<b>PAFS100S27.2</b>	345	345	
1	25	33.7	25	34.1	38	18	18	53	70	26.2	52.4	10.3	M10×35	3/8×1 1/2	0.46	<b>PAFS102S34.1</b>	345	345	
1 1/4	32	42.4	31	42.8	41	21	20	69	80	30.2	58.7	10.5	M10×40	7/16×1 1/2	0.66	<b>PAFS104S42.8</b>	276	276	
1 1/2	38	48.3	38	48.6	44	25	22	77	94	35.7	59.9	13.5	M12×45	1/2×1 3/4	1.05	<b>PAFS106S48.6</b>	207	207	
2	51	60.3	50	61.0	45	25	24	89	103	42.9	77.8	13.5	M12×45	1/2×1 3/4	1.19	<b>PAFS108S61</b>	207	207	
2 1/2	64	76.1	63	76.6	50	25	28	101	115	50.8	88.9	13.5	M12×45	1/2×1 3/4	1.40	<b>PAFS110S76.6</b>	172	172	
3	76	88.9	73	90.5	50	27	28	124	135	61.9	106.4	17.0	M16×50	5/8×2	2.15	<b>PAFS112S90.5</b>	138	138	
3 1/2	89	101.6	89	103.0	50	27	28	137	153	69.9	120.7	17.0	M16×50	5/8×2	2.40	<b>PAFS114S103</b>	34	34	
4	102	114.3	99	115.5	50	27	28	147	163	77.8	130.2	17.0	M16×50	5/8×2	2.85	<b>PAFS116S115.5</b>	34	34	
5	127	140.0	120	142.0	50	28	28	180	184	92.1	152.4	17.0	M16×50	5/8×2	3.25	<b>PAFS118S142</b>	34	34	

### 6000 PSI Series

1/2	13	17.2	13	17.5	36	16	18	46	58	18.2	40.5	9.0	M 8×30	5/16×1 1/4	0.26	<b>PAFS401S17.5</b>	420	420
1/2	13	21.3	13	21.6	36	16	18	46	58	18.2	40.5	9.0	M 8×30	5/16×1 1/4	0.29	<b>PAFS401S21.6</b>	420	420
3/4	19	26.9	19	27.2	36	19	20	53	71	23.8	50.8	10.3	M10×35	3/8×1 1/2	0.50	<b>PAFS402S27.2</b>	420	420
1	25	33.7	25	34.1	44	24	22	66	80	27.8	57.2	13.5	M12×45	1/2×1 3/4	0.76	<b>PAFS403S34.1</b>	420	420
1 1/4	32	42.4	31	42.8	44	27	22	77	94	31.8	66.6	15.0	M14×45	1/2×1 3/4	1.20	<b>PAFS404S42.8</b>	420	420
1 1/2	38	48.3	38	48.6	51	30	24	89	106	36.5	79.3	17.0	M16×50	5/8×2	1.65	<b>PAFS405S48.6</b>	420	420
2	51	60.3	50	61.0	70	37	25	116	135	44.5	96.8	21.0	M20×65	3/4×2 1/2	2.45	<b>PAFS406S61</b>	420	420
2 1/2	64	76.1	63	76.6	75	45	28	150	166	58.7	123.8	25.0	M24×85	–	3.05	<b>PAFS407S76.6</b>	420	420
3	76	88.9	73	90.5	90	55	30	178	208	71.4	152.4	32.0	M30×110	–	3.45	<b>PAFS408S90.5</b>	420	420

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

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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.

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

Order code suffixes					
Material	Suffix surface and material	Example only 4 bolt flange	Example 4 bolt flange incl. metr. screws and O-ring	Example 4 bolt flange incl. UNC screws and O-ring	Standard sealing material (no additional suffix needed)
Steel, blanc oil dipped	S	PAFS080S17.5S	PAFS080S17.5SM	PAFS080S17.5SU	NBR
Stainless steel	SS	PAFS080S17.5SS	PAFS080S17.5SSM	PAFS080S17.5SSU	VIT