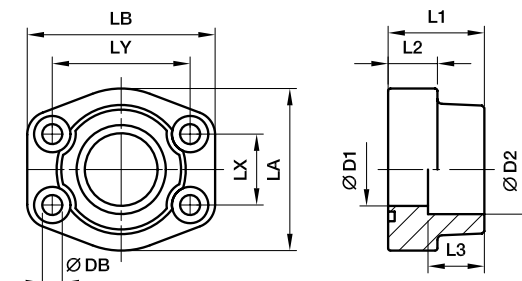




SAE 4 Bolt flanges

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) ¹⁾	
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 08×30	5/16×1 1/4	0.25	PAFS080S17.5	345	345
1/2	13		21.3	13	21.6	36	16	18	46	58	17.5	38.1	9.0	M 08×30	5/16×1 1/4	0.28	PAFS080S21.6	345	345
3/4	19		26.9	19	27.2	36	18	18	49	66	22.3	47.6	10.5	M 10×35	3/8×1 1/2	0.39	PAFS100S27.2	345	345
1	25		33.7	25	34.1	38	18	18	53	70	26.2	52.4	10.3	M 10×35	3/8×1 1/2	0.46	PAFS102S34.1	345	345
1 1/4	32		42.4	31	42.8	41	21	20	69	80	30.2	58.7	10.5	M 10×40	7/16×1 1/2	0.66	PAFS104S42.8	276	276
1 1/2	38		48.3	38	48.6	44	25	22	77	94	35.7	69.9	13.5	M 12×45	1/2×1 3/4	1.05	PAFS106S48.6	207	207
2	51		60.3	50	61.0	45	25	24	89	103	42.9	77.8	13.5	M 12×45	1/2×1 3/4	1.19	PAFS108S61	207	207
2 1/2	64		76.1	63	76.6	50	25	28	101	115	50.8	88.9	13.5	M 12×45	1/2×1 3/4	1.40	PAFS110S76.6	172	172
3	76		88.9	73	90.5	50	27	28	124	135	61.9	106.4	17.0	M 16×55	5/8×2 1/4	2.15	PAFS112S90.5	138	138
3 1/2	89		101.6	89	103.0	50	27	28	137	153	69.9	120.7	17.0	M 16×55	5/8×2 1/4	2.40	PAFS114S103	34	34
4	102		114.3	99	115.5	50	27	28	147	163	77.8	130.2	17.0	M 16×55	5/8×2 1/4	2.85	PAFS116S115.5	34	34
5	127		140.0	120	142.0	50	28	28	180	184	92.1	152.4	17.0	M 16×55	5/8×2 1/4	3.25	PAFS118S142	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 08×30	5/16×1 1/4	0.26	PAFS401S17.5	420	420
1/2	13		21.3	13	21.6	36	16	18	46	58	18.2	40.5	9.0	M 08×30	5/16×1 1/4	0.29	PAFS401S21.6	420	420
3/4	19		26.9	19	27.2	36	19	20	53	71	23.8	50.8	10.3	M 10×35	3/8×1 1/2	0.50	PAFS402S27.2	420	420
1	25		33.7	25	34.1	44	24	22	66	80	27.8	57.2	13.5	M 12×45	7/16×1 1/2	0.76	PAFS403S34.1	420	420
1 1/4	32		42.4	31	42.8	44	27	22	77	94	31.8	66.6	15.0	M 14×50	1/2×1 3/4	1.20	PAFS404S42.8	420	420
1 1/2	38		48.3	38	48.6	51	30	24	89	106	36.5	79.3	17.0	M 16×55	5/8×2 1/4	1.65	PAFS405S48.6	420	420
2	51		60.3	50	61.0	70	37	25	116	135	44.5	96.8	21.0	M 20×70	3/4×2 3/4	2.45	PAFS406S61	420	420
2 1/2	64		76.1	63	76.6	75	45	28	150	166	58.7	123.8	25.0	M 24×90	–	3.05	PAFS407S76.6	420	420
3	76		88.9	73	90.5	90	55	30	178	208	71.4	152.4	32.0	M 30×110	–	3.45	PAFS408S90.5	420	420

¹⁾ Pressure shown = Item deliverable

PN (bar)
10 = 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	–	VIT



N61

Catalogue 4100-10/UK

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