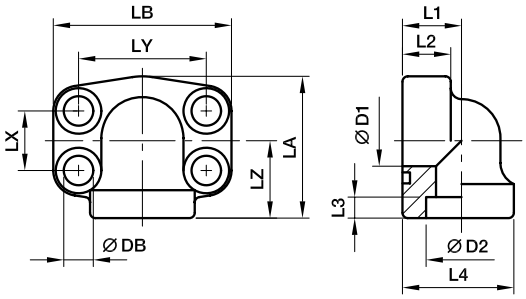
PAFS-90S SAE 90° 4 bolt flange (socket weld)

SAE 90° Flange / Socket weld tube end
(ISO 6162-1/-2)



3000 PSI Series

Nom. flange size SAE (in.)	Nom. flange size ISO (DN)	max.	D1	D2	L1	L2	L3	L4	LA	LB	LX	LY	LZ	DB	Screws (metr.)	Screws (unc.)	Weight (steel) kg/piece	Order code*	PN (bar)[1] S	PN (bar)[1] SS
1/2	13	21.3	13	21.6	18	17	5	34.0	51	57	17.5	38.1	28	9.0	M 08×30	5/16×1 1/4	0.35	**PAFS080/90S21.6**	345	345
3/4	19	26.9	19	27.2	22	18	5	38.5	50	68	22.2	47.6	25	10.5	M 10×35	3/8×1 1/2	0.55	**PAFS100/90S27.2**	345	345
1	25	33.7	25	34.1	28	19	6	44.5	55	72	26.2	52.4	28	10.5	M 10×35	3/8×1 1/2	0.80	**PAFS102/90S34.1**	345	345
1 1/4	32	42.4	31	42.8	30	22	7	53.5	68	82	30.2	58.7	34	10.5	M 10×40	7/16×1 1/2	1.30	**PAFS104/90S42.8**	276	276
1 1/2	38	48.3	38	48.6	36	25	8	62.5	82	95	35.7	69.9	43	13.5	M 12×45	1/2×1 3/4	1.60	**PAFS106/90S48.6**	207	207
2	51	60.3	50	61.0	41	25	10	77.0	94	105	42.9	77.8	50	13.5	M 12×45	1/2×1 3/4	2.00	**PAFS108/90S61**	207	207
2 1/2	64	76.1	60	76.6	50	25	28	85.0	127	115	50.8	88.9	77	13.5	M 12×45	1/2×1 3/4	2.60	**PAFS110/90S76.6**	172	172

6000 PSI Series

1/2	13	21.3	13	21.6	18	17	5	34.0	51	57	18.2	40.5	28	9.0	M 08×30	5/16×1 1/4	0.35	**PAFS401/90S21.6**	420	420
3/4	19	26.9	19	27.2	28	19	6	44.5	55	72	23.8	50.8	28	10.5	M 10×35	3/8×1 1/2	0.80	**PAFS402/90S27.2**	420	420
1	25	33.7	25	34.1	30	24	7	53.5	68	82	27.8	57.2	34	13.5	M 12×50	7/16×1 1/2	1.30	**PAFS403/90S34.1**	420	420
1 1/4	32	42.4	31	42.8	36	25	8	62.5	82	95	31.8	66.6	43	15.0	M 14×45	1/2×1 3/4	1.60	**PAFS404/90S42.8**	420	420
1 1/2	38	48.3	38	48.6	41	26	10	77.0	94	110	36.5	79.3	50	17.0	M 16×55	5/8×2 1/4	2.00	**PAFS405/90S48.6**	420	420
2	51	60.3	50	61.0	45	35	12	89.0	123	134	44.5	96.8	65	21.0	M 20×70	3/4×2 3/4	2.50	**PAFS406/90S61**	420	420

[1]) Pressure shown = Item deliverable

$\frac{\text{PN (bar)}}{10}$ = 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	PAFS080/90S21.6S	PAFS080/90S21.6SM	PAFS080/90S21.6SU	NBR
Stainless steel	SS	PAFS080/90S21.6SS	PAFS080/90S21.6SSM	–	VIT

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