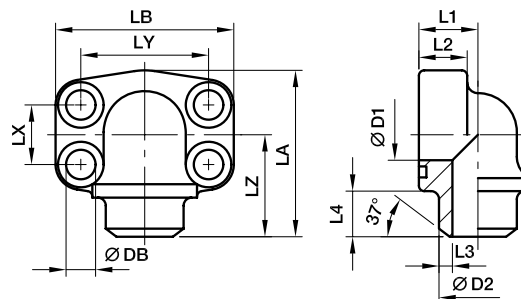




SAE 4 Bolt flanges

PAFS-90B SAE 90° 4 bolt flange (butt weld)

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



3000 PSI Series

Nom. flange size	SAE (in.)	ISO (DN)	max.	D1	D2	L1	L2	L3	L4	LA	LB	LX	LY	LZ	DB	Screws		Weight (steel) kg/piece	Order code*	PN (bar) ¹⁾	
																(metr.)	(unc.)			S	SS
1/2	13	21.3	13	21.6	18	16	4.3	12	63	56	17.5	38.1	40	9.0	M 08×30	5/16×1 1/4	0.45	PAFS080/90B	345	345	
3/4	19	26.9	19	27.2	22	18	4.1	12	74	68	22.3	47.6	41	10.5	M 10×35	3/8×1 1/2	0.65	PAFS100/90B	345	345	
1	25	33.7	25	34.5	28	19	4.7	13	77	74	26.2	52.4	50	10.5	M 10×35	3/8×1 1/2	0.85	PAFS102/90B	345	345	
1 1/4	32	42.4	31	42.8	30	22	6.0	13	91	81	30.2	58.7	57	10.5	M 10×40	7/16×1 1/2	1.15	PAFS104/90B	276	276	
1 1/2	38	48.3	38	48.6	36	25	5.3	14	105	95	35.7	69.9	66	13.5	M 12×45	1/2×1 3/4	1.70	PAFS106/90B	207	207	
2	51	60.3	50	61.0	41	25	5.5	15	110	105	42.9	77.8	66	13.5	M 12×45	1/2×1 3/4	2.15	PAFS108/90B	207	207	
2 1/2	64	76.1	60	76.6	50	25	8.0	25	127	115	50.8	88.9	77	13.5	M 12×45	1/2×1 3/4	2.95	PAFS110/90B	172	172	

6000 PSI Series

1/2	13	21.3	13	21.6	18	16	4.3	12	63	56	18.2	40.5	40	9.0	M 08×30	5/16×1 1/4	0.50	PAFS401/90B	420	420
3/4	19	26.9	18	27.2	28	20	4.6	12	77	72	23.8	50.8	50	10.5	M 10×35	3/8×1 1/2	0.55	PAFS402/90B	420	420
1	25	33.7	22	34.5	26	24	6.3	13	91	82	27.8	57.2	57	13.5	M 12×45	7/16×1 1/2	0.80	PAFS403/90B	420	420
1 1/4	32	42.4	28	42.8	36	25	7.4	13	105	95	31.8	66.6	66	15.0	M 14×50	1/2×1 3/4	1.15	PAFS404/90B	420	420
1 1/2	38	48.3	32	48.6	41	26	8.3	15	109	110	36.5	79.3	65	17.0	M 16×55	5/8×2 1/4	2.00	PAFS405/90B	420	420
2	51	60.3	41	61.0	45	35	10.0	15	133	134	44.5	96.8	75	21.0	M 20×70	3/4×2 3/4	3.00	PAFS406/90B	420	420

¹⁾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	PAFS080/90BS	PAFS080/90BSM	PAFS080/90BSU	NBR
Stainless steel	SS	PAFS080/90BSS	PAFS080/90BSSM	–	VIT

