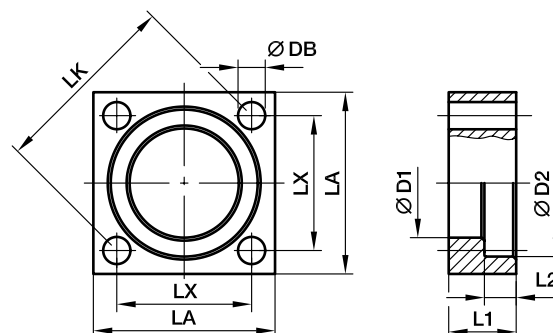




PSFC Square flange clamp

ISO 6164



250 bar Series

Nom. flange size			LK	D1	D2	L1	L2	LA	LX	DB	Weight (steel) kg/piece	Order code*	PN (bar) ¹⁾ S
Series ²⁾	SAE (in)	ISO (DN)											
L	3/8	10	35	18.5	25.0	18	6.2	40	24.7	6.6	0.07	PSFC/L/10	250
L	1/2	13	42	24.3	31.0	20	6.2	45	29.7	9.0	0.08	PSFC/L/13	250
L	3/4	19	50	32.2	38.9	22	6.2	50	35.4	9.0	0.12	PSFC/L/19	250
L	1	25	62	38.5	45.3	25	7.5	65	43.8	11.0	0.24	PSFC/L/25	250
L	1 1/4	32	73	43.7	51.6	30	7.5	75	51.6	13.5	0.35	PSFC/L/32	250
L	1 1/2	38	85	50.8	61.1	36	7.5	90	60.1	17.5	0.51	PSFC/L/38	250
L	2	51	98	62.8	72.3	40	9.0	100	69.3	17.5	0.88	PSFC/L/51	250
L	2 1/2	56	118	76.6	88.0	45	9.0	120	83.4	22.0	1.53	PSFC/L/56	250
L	3	63	145	90.8	102.3	52	9.0	140	102.5	22.0	2.31	PSFC/L/63	250
L	4	80	160	114.5	132.0	60	21.0	160	113.5	25.0	4.19	PSFC/L/80	250

400 bar Series

S	3/8	10	35	18.5	26.4	18	7.2	40	24.7	6.6	0.08	PSFC/S/10	400
S	1/2	13	42	24.7	32.6	20	7.2	45	29.7	9.0	0.12	PSFC/S/13	400
S	3/4	19	50	32.5	42.1	22	8.2	50	35.4	9.0	0.17	PSFC/S/19	400
S	1	25	62	38.9	48.4	25	9.0	65	43.8	1.0	0.32	PSFC/S/25	400
S	1 1/4	32	73	44.6	54.8	30	9.8	75	51.6	13.5	0.46	PSFC/S/32	400
S	1 1/2	38	85	51.6	64.3	36	12.0	90	60.1	17.5	0.69	PSFC/S/38	400
S	2	51	98	67.6	80.2	40	12.0	100	69.3	17.5	1.18	PSFC/S/51	400
S	2 1/2	56	118	80.5	95.0	50	16.1	120	83.4	22.0	1.97	PSFC/S/56	400
S	3	63	145	90.5	111.0	52	16.1	150	102.5	26.0	2.81	PSFC/S/63	400
S	3 1/2	70	160	102.5	120.0	60	17.5	160	113.1	26.0	3.09	PSFC/S/70	400
S	4	80	175	114.5	136.0	70	21.0	180	123.7	33.0	4.88	PSFC/S/80	350

¹⁾ Pressure shown = item deliverable

²⁾ L = light series; S = heavy series

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

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.

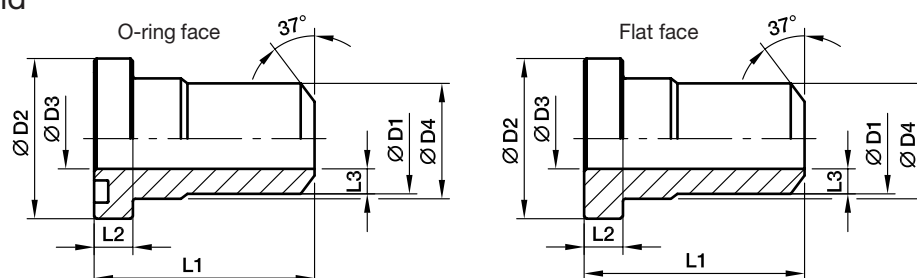
*Please add the suffixes below according to the material / surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Description
Steel, blanc oil dipped	S	PSFC/L/10S	only flange clamp

ISO 6164 Square flanges

PSFA-B Square flange adapter (butt weld)

Square flange / Butt weld end
(ISO 6164)



250 bar Series

Nom. flange size			D1	D2	D3	D4	L1	L2	L3	O-ring	Weight (steel) kg/piece	O-ring face Order code*	Flat face Order code*	PN (bar) ¹⁾ S
Series ²⁾	SAE (in)	ISO (DN)												
L	3/8	10	17.5	24.5	10	18.0	40	6.8	3.75	17.13×2.62	0.09	PSFA10/L/17.5B	PSCFA10/L/17.5B	250
L	1/2	13	21.6	30.2	13	24.0	50	6.8	4.30	18.64×3.53	0.12	PSFA13/L/21.6B	PSCFA13/L/21.6B	250
L	3/4	19	27.2	38.1	19	31.5	60	6.8	4.10	24.99×3.53	0.18	PSFA19/L/27.2B	PSCFA19/L/27.2B	250
L	1	25	34.5	44.5	25	38.0	70	8.0	4.75	32.93×3.53	0.35	PSFA25/L/34.5B	PSCFA25/L/34.5B	250
L	1 1/4	32	43.0	50.8	31	43.0	80	8.0	6.00	37.89×3.53	0.50	PSFA32/L/43B	PSCFA32/L/43B	250
L	1 1/2	38	48.6	60.4	38	50.0	90	8.0	5.30	47.22×3.53	0.74	PSFA38/L/48.6B	PSCFA38/L/48.6B	250
L	2	51	61.0	71.4	50	62.0	100	9.6	5.50	56.74×3.53	1.27	PSFA51/L/61B	PSCFA51/L/61B	250
L	2 1/2	56	76.6	87.2	63	76.0	110	12.0	6.80	69.44×3.53	2.20	PSFA56/L/76.6B	PSCFA56/L/76.6B	250
L	3	63	89.0	101.6	70	90.0	120	15.0	9.50	85.32×3.53	3.32	PSFA63/L/89B	PSCFA63/L/89B	250
L	4	80	114.0	131.0	90	114.0	140	23.5	12.00	97.79×5.34	6.03	PSFA80/L/114B	PSCFA80/L/114B	250

400 bar Series

S	3/8	10	17.5	26.0	10	18.0	40	7.8	3.75	17.13×2.62	0.11	PSFA10/S/17.5B	PSCFA10/S/17.5B	400
S	1/2	13	21.6	31.8	13	24.0	50	7.8	4.30	18.64×3.53	0.17	PSFA13/S/21.6B	PSCFA13/S/21.6B	400
S	3/4	19	27.2	41.3	18	32.0	60	8.8	4.60	24.99×3.53	0.25	PSFA19/S/27.2B	PSCFA19/S/27.2B	400
S	1	25	34.5	47.6	22	38.0	70	9.5	6.25	32.93×3.53	0.46	PSFA25/S/34.5B	PSCFA25/S/34.5B	400
S	1 1/4	32	43.0	54.0	28	44.0	90	10.3	7.50	37.89×3.53	0.65	PSFA32/S/43B	PSCFA32/S/43B	400
S	1 1/2	38	48.6	63.5	32	51.0	90	12.6	8.30	47.22×3.53	0.99	PSFA38/S/48.6B	PSCFA38/S/48.6B	400
S	2	51	61.0	79.4	41	67.0	100	12.6	10.00	56.52×5.34	1.69	PSFA51/S/61B	PSCFA51/S/61B	400
S	2 1/2	56	76.6	94.2	50	90.0	110	16.5	13.30	69.22×5.34	2.83	PSFA56/S/76.6B	PSCFA56/S/76.6B	400
S	3	63	89.0	104.0	58	90.0	120	18.0	15.50	75.57×5.34	4.04	PSFA63/S/89B	PSCFA63/S/89B	400
S	3 1/2	70	102.0	119.0	63	102.0	130	20.0	19.50	85.09×5.34	4.45	PSFA70/S/102B	PSCFA70/S/102B	400
S	4	80	114.0	131.0	74	114.0	140	23.5	20.00	88.27×5.34	7.01	PSFA80/S/114B	PSCFA80/S/114B	350

¹⁾ Pressure shown = item deliverable

²⁾ L = light series; S = heavy series

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

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.

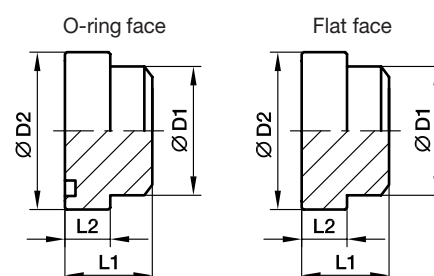
*Please add the suffixes below according to the material / surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Description
Steel, blanc oil dipped	S	PSFA10/L/17.5BS	only flange adapter



PSFP Square flange plug

ISO 6164



250 bar Series

Nom. flange size			D1	D2	L1	L2	O-ring	Weight (steel) kg/piece	O-ring face Order code*	Flat face Order code*	PN (bar) ¹⁾ S
Series ²⁾	SAE (in)	ISO (DN)									
L	3/8	10	18.0	24.5	6.8	18.0	17.13×2.62	0.07	PSFP10/L/18B	PSCFP10/L/18B	250
L	1/2	13	24.0	30.2	6.8	20.0	18.64×3.53	0.08	PSFP13/L/24B	PSCFP13/L/24B	250
L	3/4	19	31.5	38.1	6.8	22.0	24.99×3.53	0.12	PSFP19/L/31.5B	PSCFP19/L/31.5B	250
L	1	25	38.0	44.5	8.0	25.0	32.93×3.53	0.24	PSFP25/L/38B	PSCFP25/L/38B	250
L	1 1/4	32	43.0	50.8	8.0	30.0	37.89×3.53	0.35	PSFP32/L/43B	PSCFP32/L/43B	250
L	1 1/2	38	50.0	60.4	8.0	36.0	47.22×3.53	0.51	PSFP38/L/50B	PSCFP38/L/50B	250
L	2	51	62.0	71.4	9.6	40.0	56.74×3.53	0.88	PSFP51/L/62B	PSCFP51/L/62B	250
L	2 1/2	56	76.0	87.2	12.0	45.0	69.44×3.53	1.53	PSFP56/L/76B	PSCFP56/L/76B	250
L	3	63	90.0	101.6	15.0	52.0	85.32×3.53	2.31	PSFP63/L/90B	PSCFP63/L/90B	250
L	4	80	114.0	131.0	23.5	61.5	97.79×5.34	4.19	PSFP80/L/114B	PSCFP80/L/114B	250

400 bar Series

S	3/8	10	18.0	26.0	7.8	18.0	17.13×2.62	0.08	PSFP10/S/18B	PSCFP10/S/18B	400
S	1/2	13	24.0	31.8	7.8	20.0	18.64×3.53	0.12	PSFP13/S/24B	PSCFP13/S/24B	400
S	3/4	19	32.0	41.3	8.8	22.0	24.99×3.53	0.17	PSFP19/S/32B	PSCFP19/S/32B	400
S	1	25	38.0	47.6	9.5	25.0	32.93×3.53	0.32	PSFP25/S/38B	PSCFP25/S/38B	400
S	1 1/4	32	44.0	54.0	10.3	30.0	37.89×3.53	0.46	PSFP32/S/44B	PSCFP32/S/44B	400
S	1 1/2	38	51.0	63.5	12.6	36.0	47.22×3.53	0.69	PSFP38/S/51B	PSCFP38/S/51B	400
S	2	51	67.0	79.4	12.6	40.0	56.52×5.34	1.18	PSFP51/S/67B	PSCFP51/S/67B	400
S	2 1/2	56	80.0	94.2	16.5	45.0	69.22×5.34	1.97	PSFP56/S/80B	PSCFP56/S/80B	400
S	3	63	90.0	104.0	18.0	52.0	75.57×5.34	2.81	PSFP63/S/90B	PSCFP63/S/90B	400
S	3 1/2	70	102.0	119.0	20.0	60.0	85.09×5.34	3.09	PSFP70/S/102B	PSCFP70/S/102B	400
S	4	80	114.0	131.0	23.5	70.0	88.27×5.34	4.88	PSFP80/S/114B	PSCFP80/S/114B	350

¹⁾ Pressure shown = item deliverable

²⁾ L = light series; S = heavy series

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

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.

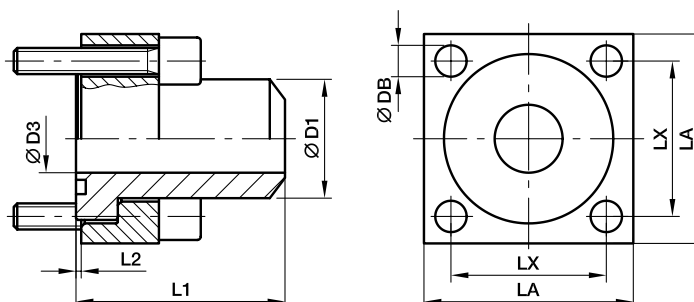
*Please add the suffixes below according to the material / surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Description
Steel, blanc oil dipped	S	PSFP10/L/18BS	only flange plug

ISO 6164 Square flanges

PSF-B Square flange (butt weld adapter coupling)

Square flange / Butt weld end
(ISO 6164)



250 bar Series

Nom. flange size			D1	D3	L1	L2	LA	LX	DB	Screws (metr.)	O-ring	Weight (steel) kg/piece	Order code*	PN (bar) ¹⁾ S
Series ²⁾	SAE (in)	ISO (DN)												
L	3/8	10	17.5	10	40	0.4	40	24.7	6.6	M 6 ×30	17.13×2.62	0.17	PSF10/L/17.5B	250
L	1/2	13	21.6	13	50	0.4	45	29.7	9.0	M 8×35	18.64×3.53	0.22	PSF13/L/21.6B	250
L	3/4	19	27.2	19	60	0.4	50	35.4	9.0	M8×35	24.99×3.53	0.32	PSF19/L/27.2B	250
L	1	25	34.5	25	70	0.5	65	43.8	11.0	M10×40	32.93×3.53	0.63	PSF25/L/34.5B	250
L	1 1/4	32	43.0	31	80	0.5	75	51.6	13.5	M12×50	37.89×3.53	0.92	PSF32/L/43B	250
L	1 1/2	38	48.6	38	90	0.5	90	60.1	17.5	M16×60	47.22×3.53	1.34	PSF38/L/48.6B	250
L	2	51	61.0	50	100	0.6	100	69.3	17.5	M16×70	56.74×3.53	2.30	PSF51/L/61B	250
L	2 1/2	56	76.6	63	110	3.0	120	83.4	22.0	M20×80	69.44×3.53	4.00	PSF56/L/76.6B	250
L	3	63	89.0	70	120	6.0	140	102.5	22.0	M20×90	85.32×3.53	6.03	PSF63/L/89B	250
L	4	80	114.0	90	140	2.5	160	113.5	25.0	M24×100	97.79×5.34	10.96	PSF80/L/114B	250

400 bar Series

S	3/8	10	17.5	10	40	0.6	40	24.7	6.6	M 6 ×30	17.13×2.62	0.20	PSF10/S/17.5B	400
S	1/2	13	21.6	13	50	0.6	45	29.7	9.0	M 8×35	18.64×3.53	0.31	PSF13/S/21.6B	400
S	3/4	19	27.2	18	60	0.6	50	35.4	9.0	M 8×35	24.99×3.53	0.45	PSF19/S/27.2B	400
S	1	25	34.5	22	70	0.5	65	43.8	11.0	M10×40	32.93×3.53	0.83	PSF25/S/34.5B	400
S	1 1/4	32	43.0	28	90	0.5	75	51.6	13.5	M12×50	37.89×3.53	1.19	PSF32/S/43B	400
S	1 1/2	38	48.6	32	90	0.6	90	60.1	17.5	M16×60	47.22×3.53	1.80	PSF38/S/48.6B	400
S	2	51	61.0	41	100	0.6	100	69.3	17.5	M16×70	56.52×5.34	3.08	PSF51/S/61B	400
S	2 1/2	56	76.6	50	110	0.4	120	83.4	22.0	M20×80	69.22×5.34	5.14	PSF56/S/76.6B	400
S	3	63	89.0	58	120	1.9	150	102.5	26.0	M24×90	75.57×5.34	7.34	PSF63/S/89B	400
S	3 1/2	70	102.0	63	130	2.5	160	113.1	26.0	M24×100	85.09×5.34	8.09	PSF70/S/102B	400
S	4	80	114.0	74	140	2.5	180	123.7	33.0	M30×120	88.27×5.34	12.75	PSF80/S/114B	350

¹⁾ Pressure shown = item deliverable

²⁾ L = light series; S = heavy series

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

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.

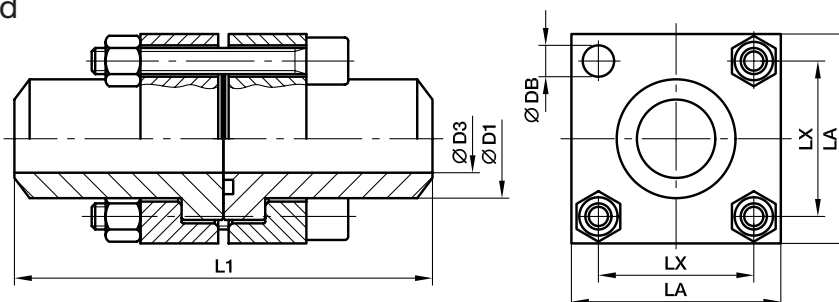
*Please add the suffixes below according to the material / surface required.

Order code suffixes			
Material	Suffix surface and material	Example incl. flange clamp, metr. screws and O-ring	Standard sealing material (no additional suffix needed)
Steel, blanc oil dipped	S	PSF10/L/17.5BS	NBR



PDSF-B Square flange (butt weld connection)

Square flange / Butt weld tube end
(ISO 6164)



250 bar Series

Nom. flange size			D1	D3	L1	LA	LX	DB	Screws (metr.)	O-ring	Weight (steel) kg/piece	Order code*	PN (bar) ¹⁾ S
Series ²⁾	SAE (in)	ISO (DN)											
L	3/8	10	17.5	10	80	40	24.7	6.6	M 8×45	17.13×2.62	0.34	PDSF10/L/17.5B	250
L	1/2	13	21.6	13	100	45	29.7	9.0	M 8×50	18.64×3.53	0.44	PDSF13/L/21.6B	250
L	3/4	19	27.2	19	120	50	35.4	9.0	M 8×55	24.99×3.53	0.64	PDSF19/L/27.2B	250
L	1	25	34.5	25	140	65	43.8	11.0	M10×65	32.93×3.53	1.26	PDSF25/L/34.5B	250
L	1 1/4	32	43.0	31	160	75	51.6	13.5	M12×75	37.89×3.53	1.84	PDSF32/L/43B	250
L	1 1/2	38	48.6	38	180	90	60.1	17.5	M16×90	47.22×3.53	2.68	PDSF38/L/48.6B	250
L	2	51	61.0	50	200	100	69.3	17.5	M16×100	56.74×3.53	4.60	PDSF51/L/61B	250
L	2 1/2	56	76.6	63	220	120	83.4	22.0	M20×120	69.44×3.53	8.00	PDSF56/L/76.6B	250
L	3	63	89.0	70	240	140	102.5	22.0	M20×140	85.32×3.53	12.06	PDSF63/L/89B	250
L	4	80	114.0	90	280	160	113.5	22.0	M24×150	97.79×5.34	21.92	PDSF80/L/114B	250

400 bar Series

S	3/8	10	17.5	10	80	40	24.7	6.6	M 8×45	17.13×2.62	0.40	PDSF10/S/17.5B	400
S	1/2	13	21.6	13	100	45	29.7	9.0	M 8×50	18.64×3.53	0.62	PDSF13/S/21.6B	400
S	3/4	19	27.2	18	120	50	35.4	9.0	M 8×55	24.99×3.53	0.90	PDSF19/S/27.2B	400
S	1	25	34.5	22	140	65	43.8	11.0	M10×65	32.93×3.53	1.66	PDSF25/S/34.5B	400
S	1 1/4	32	43.0	28	160	75	51.6	13.5	M12×75	37.89×3.53	2.38	PDSF32/S/43B	400
S	1 1/2	38	48.6	32	180	90	60.1	17.5	M16×90	47.22×3.53	3.60	PDSF38/S/48.6B	400
S	2	51	61.0	41	200	100	69.3	17.5	M16×100	56.52×5.34	6.16	PDSF51/S/61B	400
S	2 1/2	56	76.6	50	220	120	83.4	22.0	M20×130	69.22×5.34	10.28	PDSF56/S/76.6B	400
S	3	63	89.0	58	240	150	102.5	26.0	M24×140	75.57×5.34	14.68	PDSF63/S/89B	400
S	3 1/2	70	102.0	63	260	160	113.1	26.0	M24×150	85.09×5.34	16.18	PDSF70/S/102B	400
S	4	80	114.0	74	280	180	123.7	33.0	M30×180	88.27×5.34	25.50	PDSF80/S/114B	350

¹⁾ Pressure shown = item deliverable

²⁾ L = light series; S = heavy series

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

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 Flange coupling incl. flange clamps, metr. screws and O-ring	Standard sealing material (no additional suffix needed)
Steel, blanc oil dipped	S	PDSF10/L/17.5BS	NBR