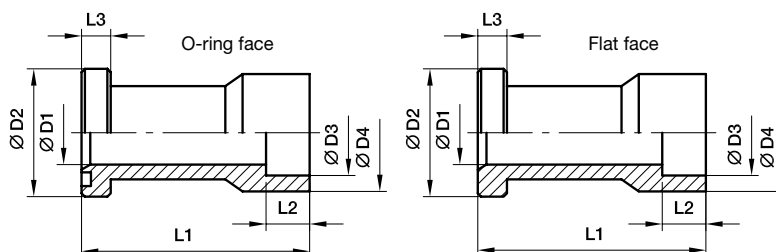


SAE Flange adapters



ESL SAE Straight flange adapter

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



3000 PSI Series

Nom. flange size		max.								Weight (steel) kg/piece	O-ring face Order code*	Flat face Order code*	PN (bar) ¹⁾	
SAE (in.)	ISO (DN)		D1	D2	D3	D4	L1	L2	L3				S	SS
1/2	13	20.0	15	30.2	20.5	30	60	13	6.7	0.45	ESL32/20.5	ESLG32/20.5	345	345
1/2	13	21.3	15	30.2	21.7	30	60	13	6.7	0.44	ESL32/21.7	ESLG32/21.7	345	345
3/4	19	25.0	19	38.1	25.5	35	68	13	6.7	0.60	ESL33/25.5	ESLG33/25.5	345	345
3/4	19	26.9	19	38.1	27.3	35	68	13	6.7	0.58	ESL33/27.3	ESLG33/27.3	345	345
1	25	30.0	23	44.4	30.5	44	75	16	8.0	0.75	ESL34/30.5	ESLG34/30.5	345	345
1	25	32.0	24	44.4	32.5	44	75	16	8.0	0.72	ESL34/32.5	ESLG34/32.5	345	345
1	25	33.7	25	44.4	34.0	44	75	16	8.0	0.70	ESL34/34	ESLG34/34	345	345
1	25	35.0	25	44.4	35.5	44	75	16	8.0	0.68	ESL34/35.5	ESLG34/35.5	345	345
1 1/4	32	38.0	32	50.8	38.5	55	95	18	8.0	0.87	ESL35/38.5	ESLG35/38.5	276	276
1 1/4	32	40.0	32	50.8	40.5	55	95	18	8.0	0.95	ESL35/40.5	ESLG35/40.5	276	276
1 1/4	32	42.4	32	50.8	43.0	55	95	18	8.0	0.93	ESL35/43	ESLG35/43	276	276
1 1/2	38	48.3	38	60.3	49.0	68	100	20	8.0	1.54	ESL36/49	ESLG36/49	207	207
1 1/2	38	50.0	38	60.3	50.4	68	100	20	8.0	1.50	ESL36/50.4	ESLG36/50.4	207	207
2	51	60.3	50	71.4	61.0	79	107	22	9.5	1.89	ESL38/61	ESLG38/61	207	207
2	51	65.0	50	71.4	65.8	79	107	22	9.5	1.80	ESL38/65.8	ESLG38/65.8	207	207
2 1/2	64	73.0	58	84.1	74.0	98	130	24	9.5	2.30	ESL310/74	ESLG310/74	172	172
2 1/2	64	76.1	58	84.1	77.0	98	130	24	9.5	2.25	ESL310/77	ESLG310/77	172	172
2 1/2	64	80.0	58	84.1	81.0	98	130	24	9.5	2.15	ESL310/81	ESLG310/81	172	172
3	76	88.9	70	101.6	90.5	116	150	28	9.5	3.00	ESL312/90.5	ESLG312/90.5	138	138

6000 PSI Series

1/2	13	20.0	15	31.8	20.5	32	60	13	7.7	0.45	ESL62/20.5	ESLG62/20.5	420	420
1/2	13	21.3	15	31.8	21.7	32	60	13	7.7	0.44	ESL62/21.7	ESLG62/21.7	420	420
1/2	13	22.0	15	31.8	22.5	32	60	13	7.7	0.65	ESL62/22.5	ESLG62/22.5	420	420
3/4	19	25.0	19	41.3	25.7	40	68	13	8.7	0.63	ESL63/25.7	ESLG63/25.7	420	420
3/4	19	26.9	19	41.3	27.3	40	68	13	8.7	0.61	ESL63/27.3	ESLG63/27.3	420	420
3/4	19	28.0	19	41.3	28.7	40	68	13	8.7	0.60	ESL63/28.7	ESLG63/28.7	420	420
1	25	33.7	25	47.6	34.0	48	75	16	9.5	0.75	ESL64/34	ESLG64/34	420	420
1	25	35.0	25	47.6	35.5	48	75	16	9.5	0.73	ESL64/35.5	ESLG64/35.5	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 flange adapter	Example incl. splitflanges, metr. screws and O-ring	Example incl. splitflanges, UNC screws and O-ring	Standard sealing material (no additional suffix needed)
Steel, oil dipped	S	ESL32/20.5S	ESL32/20.5SM	ESL32/20.5SU	NBR
Stainless steel	SS	ESL32/20.5SS	ESL32/20.5SSM	–	VIT



N40

Catalogue 4100-10/UK