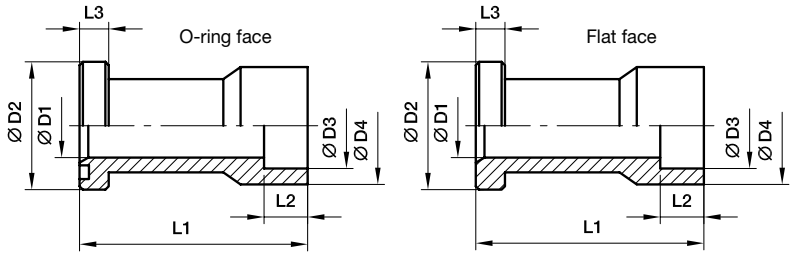
ESL SAE Straight flange adapter

SAE 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	D3	D4	L1	L2	L3	Weight (steel) kg/piece	O-ring face Order code*	Flat face Order code*	PN (bar)[1] S	PN (bar)[1] 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**	**ESL312/90.5**	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

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