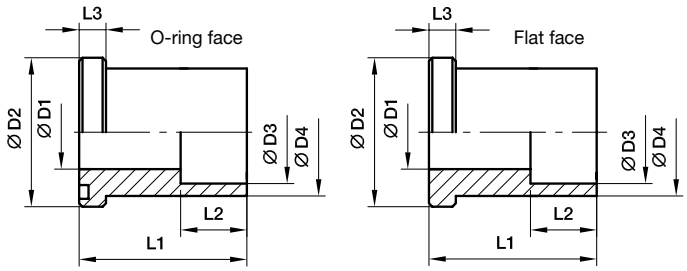
ES SAE Straight flange adapter

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	16.0	12.5	30.2	16.5	24.0	35	12	6.7	0.25	**ES32/16.5**	**ESG32/16.5**	345	345
1/2	13	17.3	12.5	30.2	17.6	24.0	35	12	6.7	0.23	**ES32/17.6**	**ESG32/17.6**	345	345
3/4	19	20.0	15.0	38.1	20.5	31.5	40	13	6.7	0.35	**ES33/20.5**	**ESG33/20.5**	345	345
3/4	19	21.3	15.0	38.1	21.7	31.5	40	13	6.7	0.32	**ES33/21.7**	**ESG33/21.7**	345	345
1	25	25.0	20.0	44.4	25.5	38.0	45	14	8.0	0.45	**ES34/25.5**	**ESG34/25.5**	345	345
1	25	26.9	20.0	44.4	27.3	38.0	45	14	8.0	0.41	**ES34/27.3**	**ESG34/27.3**	345	345
1 1/4	32	30.0	25.0	50.8	30.5	43.0	50	16	8.0	0.65	**ES35/30.5**	**ESG35/30.5**	276	276
1 1/4	32	32.0	25.0	50.8	32.5	43.0	50	16	8.0	0.63	**ES35/32.5**	**ESG35/32.5**	276	276
1 1/4	32	33.7	25.0	50.8	34.2	43.0	50	16	8.0	0.61	**ES35/34.2**	**ESG35/34.2**	276	276
1 1/2	38	38.0	32.0	60.3	38.5	50.0	55	18	8.0	0.89	**ES36/38.5**	**ESG36/38.5**	207	207
1 1/2	38	40.0	32.0	60.3	40.7	50.0	55	18	8.0	0.86	**ES36/40.7**	**ESG36/40.7**	207	207
1 1/2	38	42.4	32.0	60.3	43.0	50.0	55	18	8.0	0.95	**ES36/43**	**ESG36/43**	207	207
2	51	48.3	32.0	71.4	49.0	62.0	65	20	9.5	1.21	**ES38/49**	**ESG38/49**	207	207
2	51	50.0	38.0	71.4	50.7	62.0	65	20	9.5	1.17	**ES38/50.7**	**ESG38/50.7**	207	207
2 1/2	64	60.3	38.0	84.1	61.0	74.0	75	22	9.5	1.45	**ES310/61**	**ESG310/61**	172	172
2 1/2	64	63.5	47.0	84.1	64.0	74.0	75	22	9.5	1.41	**ES310/64**	**ESG310/64**	172	172
3	76	73.5	47.0	101.6	74.0	90.0	85	24	9.5	2.50	**ES312/74**	**ESG312/74**	138	138
3	76	76.1	58.0	101.6	77.0	90.0	85	24	9.5	2.45	**ES312/77**	**ESG312/77**	138	138
3	76	80.0	58.0	101.6	81.0	90.0	85	24	9.5	2.30	**ES312/81**	**ESG312/81**	138	138

[1]) Pressure shown = Item deliverable

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

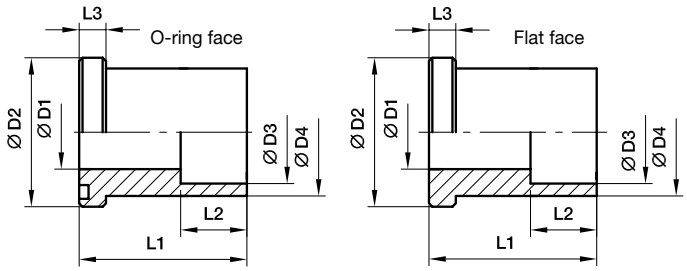
The pressures given here are the maximum allowable for the flange fittings. If the pipe or tube used has a lower pressure rating, then the welded assembly rating will be the lower one, assuming the weld is adequately strong.

*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	ES32/16.5S	ES32/16.5SM	ES32/16.5SU	NBR
Stainless steel	SS	ES32/16.5SS	ES32/16.5SSM	–	VIT

ES SAE Straight flange adapter

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



6000 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	16.0	11.0	31.8	16.5	24.0	35	13	7.7	0.26	**ES62/16.5**	**ESG62/16.5**	420	420
1/2	13	17.3	11.0	31.8	17.6	24.0	35	13	7.7	0.24	**ES62/17.6**	**ESG62/17.6**	420	420
3/4	13	20.0	15.0	41.3	20.5	31.8	40	13	8.7	0.37	**ES63/20.5**	**ESG63/20.5**	420	420
3/4	19	21.3	15.0	41.3	21.7	31.8	40	13	8.7	0.33	**ES63/21.7**	**ESG63/21.7**	420	420
1	25	25.0	20.0	47.6	25.5	38.0	45	13	9.5	0.48	**ES64/25.5**	**ESG64/25.5**	420	420
1	25	26.9	20.0	47.6	27.3	38.0	45	13	9.5	0.43	**ES64/27.3**	**ESG64/27.3**	420	420
1 1/4	32	30.0	24.0	54.0	30.5	44.0	50	16	10.3	0.68	**ES65/30.5**	**ESG65/30.5**	420	420
1 1/4	32	32.0	24.0	54.0	32.5	44.0	50	16	10.3	0.65	**ES65/32.5**	**ESG65/32.5**	420	420
1 1/4	32	33.7	24.0	54.0	34.2	44.0	50	16	10.3	0.64	**ES65/34.2**	**ESG65/34.2**	420	420
1 1/2	38	38.0	31.0	63.5	38.5	51.0	55	18	12.5	0.92	**ES66/38.5**	**ESG66/38.5**	420	420
1 1/2	38	40.0	31.0	63.5	40.7	51.0	55	18	12.5	0.88	**ES66/40.7**	**ESG66/40.7**	420	420
1 1/2	38	42.4	31.0	63.5	42.8	51.0	55	18	12.5	0.85	**ES66/42.8**	**ESG66/42.8**	420	420
2	51	48.3	38.0	79.4	49.0	67.0	65	20	12.5	1.25	**ES68/49**	**ESG68/49**	420	420
2	51	50.0	38.0	79.4	50.7	67.0	65	20	12.5	1.21	**ES68/50.7**	**ESG68/50.7**	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.

N

*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	ES62/16.5S	ES62/16.5SM	ES62/16.5SU	NBR
Stainless steel	SS	ES62/16.5SS	ES62/16.5SSM	–	VIT

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