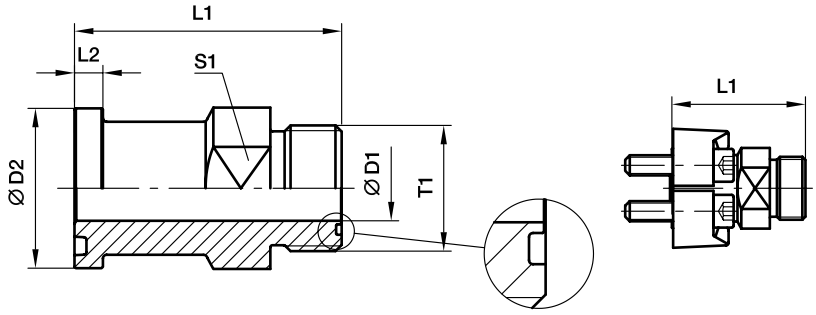
L(O)HQ SAE Straight flange adapter

SAE Flange / ORFS end
(ISO 6162-1/-2)



3000 PSI Series

Nom. flange size		Tube							Weight (steel)	O-ring face without ORFS O-ring	O-ring face include ORFS O-ring	PN (bar)[1]	
SAE (in.)	ISO (DN)	(metr.)	(in.)	T1	D1	D2	L1	L2	kg/piece	Order code*	Order code*	S	SS
3/4	19	18, 20	3/4	**1 3/16-12UN-2A**	15.5	38.1	69.6	6.7	0.21	**12LHQ1**	**12LOHQ1**	350	350
1	25	22, 25	7/8, 1	**1 7/16-12UN-2A**	20.6	44.5	71.4	8.0	0.30	**16LHQ1**	**16LOHQ1**	350	350
1 1/4	32	28, 30, 32	1 1/4	**1 11/16-12UN-2A**	26.0	50.8	81.5	8.0	0.31	**20LHQ1**	**20LOHQ1**	280	280
1 1/2	38	35, 38	1 1/2	**2-12UN-2A**	32.0	60.3	83.6	8.0	0.56	**24LHQ1**	**24LOHQ1**	210	210

6000 PSI Series

3/4	19	18, 20	3/4	**1 3/16-12UN-2A**	15.5	41.3	76.7	8.8	0.21	**12LHQ2**	**12LOHQ2**	420	420
1	25	18, 20	3/4	**1 3/16-12UN-2A**	15.5	47.6	84.8	9.5	0.26	**12-16LHQ2**	**12-16LOHQ2**	420	420
1	25	22, 27	3/4, 7/8	**1 7/16-12UN-2A**	20.6	47.6	85.3	9.5	0.30	**16LHQ2**	**16LOHQ2**	420	420
1 1/4	32	28, 30, 32	1 1/4	**1 11/16-12UN-2A**	26.0	54.0	88.4	10.3	0.31	**20LHQ2**	**20LOHQ2**	345	345
1 1/2	38	35, 38	1 1/2	**2-12UN-2A**	32.0	63.5	105.2	12.6	0.56	**24LHQ2**	**24LOHQ2**	310	310

[1] Pressure shown = Item deliverable

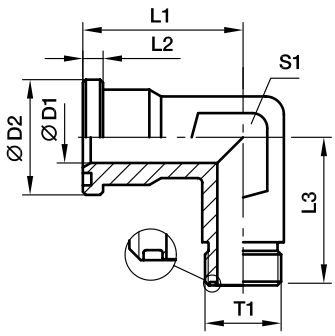
$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

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

Order code suffixes				
Material	Suffix surface and material	Example only flange adapter without ORFS O-ring	Example only flange adapter incl. ORFS O-ring	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	12LHQ1-S	12LOHQ1-S	NBR
Stainless steel	SS	12LHQ1-SS	12LOHQ1-SS	VIT

L(O)EMQ SAE 90° Elbow flange adapter

SAE Flange / ORFS end
(ISO 6162-1/-2)



3000 PSI Series

Nom. flange size		Tube									Weight (steel)	O-ring face without ORFS O-ring	O-ring face include ORFS O-ring	PN (bar)[1]	
SAE (in.)	ISO (DN)	(metr.)	(in.)	T1	D1	D2	L1	L2	L3	S1	kg/piece	Order code*	Order code*	CF	SS
1/2	13	8, 10	3/8	**11/16-16UN-2A**	6	30.2	44	6.7	50	22	0.40	**6-8LEMQ1**	**6-8LOEMQ1**	350	350
1/2	13	12	1/2	**13/16-16UN-2A**	9	30.2	44	6.7	50	22	0.36	**8LEMQ1**	**8LOEMQ1**	350	350
1/2	13	14, 15, 16	5/8	**1-14UN-2A**	12	30.2	44	6.7	50	22	0.32	**10-8LEMQ1**	**10-8LOEMQ1**	350	350
3/4	19	14, 15, 16	5/8	**1-14UN-2A**	12	38.1	53	6.7	64	27	0.47	**10-12LEMQ1**	**10-12LOEMQ1**	350	350
3/4	19	18, 20	3/4	**1 3/16-12UN-2A**	15	38.1	53	6.7	64	27	0.44	**12LEMQ1**	**12LOEMQ1**	350	350
1	25	18, 20	3/4	**1 3/16-12UN-2A**	15	44.4	60	8.0	65	34	0.52	**12-16LEMQ1**	**12-16LOEMQ1**	350	350
1	25	22, 25	7/8, 1	**1 7/16-12UN-2A**	20	44.4	60	8.0	65	34	0.50	**16LEMQ1**	**16LOEMQ1**	350	350
1 1/4	32	22, 25	7/8, 1	**1 7/16-12UN-2A**	20	50.8	55	8.0	64	42	0.48	**16-20LEMQ1**	**16-20LOEMQ1**	278	278
1 1/4	32	28, 30, 32	1 1/4	**1 11/16-12UN-2A**	26	50.8	55	8.0	64	42	0.56	**20LEMQ1**	**20LOEMQ1**	278	278
1 1/2	38	28, 30, 32	1 1/4	**1 11/16-12UN-2A**	26	60.3	66	8.0	78	50	0.73	**20-24LEMQ1**	**20-24LOEMQ1**	207	207
1 1/2	38	35, 38	1 1/2	**2-12UN-2A**	32	60.3	66	8.0	78	50	0.69	**24LEMQ1**	**24LOEMQ1**	207	207

6000 PSI Series

1/2	13	8, 10	3/8	**11/16-16UN-2A**	6	31.8	44	7.7	50	22	0.40	**6-8LEMQ2**	**6-8LOEMQ2**	420	420
1/2	13	12	1/2	**13/16-16UN-2A**	9	31.8	44	7.7	50	22	0.36	**8LEMQ2**	**8LOEMQ2**	420	420
1/2	13	14, 15, 16	5/8	**1-14UN-2A**	12	31.8	44	7.7	50	22	0.32	**10-8LEMQ2**	**10-8LOEMQ2**	420	420
3/4	19	14, 15, 16	5/8	**1-14UN-2A**	12	41.3	53	8.7	64	27	0.47	**10-12LEMQ2**	**10-12LOEMQ2**	420	420
3/4	19	18, 20	3/4	**1 3/16-12UN-2A**	15	41.3	53	8.7	64	27	0.44	**12LEMQ2**	**12LOEMQ2**	420	420
1	25	18, 20	3/4	**1 3/16-12UN-2A**	15	47.6	60	9.5	62	34	0.52	**12-16LEMQ2**	**12-16LOEMQ2**	420	420
1	25	22, 25	7/8, 1	**1 7/16-12UN-2A**	20	47.6	60	9.5	62	34	0.50	**16LEMQ2**	**16LOEMQ2**	420	420
1 1/4	32	22, 25	7/8, 1	**1 7/16-12UN-2A**	20	54.0	70	10.3	72	42	0.48	**16-20LEMQ2**	**16-20LOEMQ2**	420	420
1 1/4	32	28, 30, 32	1 1/4	**1 11/16-12UN-2A**	26	54.0	70	10.3	72	42	0.56	**20LEMQ2**	**20LOEMQ2**	345	345
1 1/2	38	28, 30, 32	1 1/4	**1 11/16-12UN-2A**	26	63.5	80	12.5	84	50	0.73	**20-24LEMQ2**	**20-24LOEMQ2**	345	345
1 1/2	38	35, 38	1 1/2	**2-12UN-2A**	32	63.5	80	12.5	84	50	0.69	**24LEMQ2**	**24LOEMQ2**	310	310

[1]) Pressure shown = Item deliverable

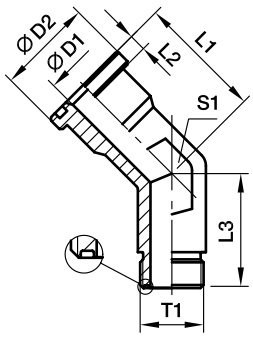
$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

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

Order code suffixes				
Material	Suffix surface and material	Example only flange adapter without ORFS O-ring	Example only flange adapter incl. ORFS O-ring	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	12LEMQ1CF	12LOEMQ1CF	NBR
Stainless steel	SS	12LEMQ1SS	12LOEMQ1SS	VIT

L(O)VQ SAE 45° Elbow flange adapter

SAE Flange / ORFS end
(ISO 6162-1/-2)



3000 PSI Series

Nom. flange size		Tube									Weight (steel)	O-ring face without ORFS O-ring	O-ring face include ORFS O-ring	PN (bar)[1]	
SAE (in.)	ISO (DN)	(metr.)	(in.)	T1	D1	D2	L1	L2			kg/piece	Order code*	Order code*	S	SS
3/4	19	18, 20	3/4	**1 3/16-12UN-2A**	15.5	38.1	40	6.7	26	30	0.29	**12LVQ1**	**12LOVQ1**	350	350
1	25	22, 25	7/8, 1	**1 7/16-12UN-2A**	20.5	44.5	47	8.0	30	36	0.39	**16LVQ1**	**16LOVQ1**	350	350
1 1/4	32	28, 30, 32	1 1/4	**1 11/16-12UN-2A**	26.0	50.8	52	8.0	32	41	0.45	**20LVQ1**	**20LOVQ1**	280	280
1 1/2	38	35, 38	1 1/2	**2-12UN-2A**	32.0	60.3	60	8.0	37	48	0.57	**24LVQ1**	**24LOVQ1**	210	210

6000 PSI Series

3/4	19	18, 20	3/4	**1 3/16-12UN-2A**	15.5	41.3	40	8.8	26	30	0.29	**12LVQ2**	**12LOVQ2**	420	420
1	25	22, 25	7/8, 1	**1 7/16-12UN-2A**	20.5	47.6	47	9.5	30	36	0.39	**16LVQ2**	**16LOVQ2**	420	420
1 1/4	32	28, 30, 32	1 1/4	**1 11/16-12UN-2A**	26.0	54.0	52	10.3	32	41	0.45	**20LVQ2**	**20LOVQ2**	345	345
1 1/2	38	35, 38	1 1/2	**2-12UN-2A**	32.0	63.5	60	12.6	37	48	0.57	**24LVQ2**	**24LOVQ2**	310	310

[1] Pressure shown = Item deliverable

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

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

Order code suffixes				
Material	Suffix surface and material	Example only flange adapter without ORFS O-ring	Example only flange adapter incl. ORFS O-ring	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	12LVQ1-S	12LOVQ1-S	NBR
Stainless steel	SS	12LVQ1-SS	12LOVQ1-SS	VIT