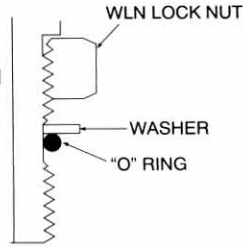


Tube to "O" Ring Seal 19

SAE Straight Thread Fittings Installation Procedure

1. Lubricate "O" ring with a lubricant that is compatible with the system.
2. Screw fitting into the straight thread port until the metal back-up washer contacts the face of the port.
3. Position the fitting by backing it out *no more than one turn*.
4. Hold the fitting in position and tighten the locknut until the washer contacts the face of the port.



NOTE: Replacement WLN Lock Nuts are ordered separately by size and part number. Refer to page 30.

Face Seal "O" Ring Fittings Installation Procedure

The "O" ring requires a smooth, flat seating surface. This surface must be perpendicular to the axis of the threads.

1. Turn the "O" ring seal fitting in the port until finger tight.
2. The "squeezing" effect on the "O" ring can be felt during the last 1/4 turn.
3. Snug lightly with a wrench.

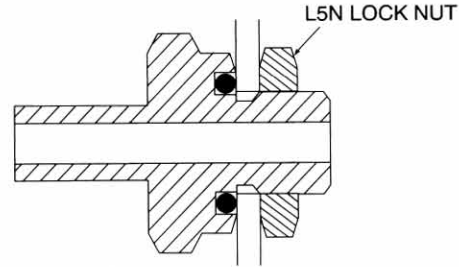
Typical Application

The fitting can be adapted as a bulkhead fitting on thin wall tanks or vessels, eliminating welding, brazing or threading. Simply order the L5N locknut to take advantage of this option.

Notes

Standard "O" rings are Buna-N material. For other "O" rings, state material after the part number.

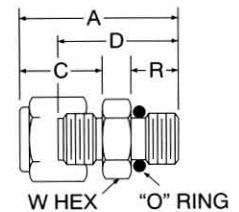
L5N locknuts are ordered separately by size and part number. Refer to page 31.



PORT SIZE	STRAIGHT THREAD MACHINE LENGTH	L5N LOCKNUT THICKNESS	MAXIMUM TANK WALL THICKNESS
2	.297	.219	.078 = 5/64
3	.297	.219	.078 = 5/64
4	.360	.250	.109 = 7/65
5	.360	.250	.109 = 7/64
6	.391	.265	.125 = 1/8
8	.438	.312	.125 = 1/8
10	.500	.360	.140 = 9/64
12	.594	.406	.188 = 3/16
14	.594	.406	.188 = 3/16
16	.594	.406	.188 = 3/16

male connector to SAE straight thread M1SC

includes body, nut, ferrules and "O" ring



PARKER PART NO.	INTER-CHANGES WITH	INCHES							O-RING AS UNIFORM DASH NO.
		TUBE O.D.	STRAIGHT THREAD SIZE	W HEX	†A	†C	D	R	
1M1SC2	400-1-4 ST	1/16	5/16-24	7/16	.92	.43	.77	.30	3-902
2M1SC2		1/8	5/16-24	7/16	1.18	.60	.92	.30	3-902
3M1SC3		3/16	3/8-24	1/2	1.20	.64	.94	.30	3-903
4M1SC4		1/4	7/16-20	9/16	1.34	.70	1.05	.36	3-904
4M1SC6		1/4	9/16-18	11/16	1.40	.70	1.11	.39	3-906
4M1SC8		600-1-6 ST	1/4	3/4-16	7/8	1.48	.70	1.19	.44
5M1SC5	5/16		1/2-20	5/8	1.37	.73	1.08	.36	3-905
6M1SC4	3/8		7/16-20	5/8	1.40	.76	1.11	.36	3-904
6M1SC6	3/8		9/16-18	11/16	1.46	.76	1.17	.39	3-906
6M1SC8	3/8		7/8-14	7/8	1.54	.76	1.25	.44	3-908
6M1SC10	810-1-6 ST		3/8	7/8-14	1.00	1.67	.76	1.38	.50
8M1SC6		1/2	9/16-18	7/8	1.54	.87	1.14	.39	3-906
8M1SC8		1/2	3/4-16	7/8	1.65	.87	1.25	.44	3-908
8M1SC12		1/2	1-1/16-12	1-1/4	1.93	.87	1.53	.59	3-912
10M1SC10		5/8	7/8-14	1	1.78	.87	1.38	.50	3-910
12M1SC10	1210-1-12 ST	3/4	7/8-14	1-1/8	1.68	.87	1.28	.50	3-910
12M1SC12		3/4	1-1/16-12	1-1/4	1.93	.87	1.53	.59	3-912
14M1SC14		7/8	1-3/16-12	1-3/8	1.93	.87	1.53	.59	3-914
16M1SC12		1	1-1/16-12	1-3/8	2.12	1.05	1.63	.59	3-912
16M1SC16		1	1-5/16-12	1-3/8	2.15	1.04	1.66	.59	3-916

†Average Value

Dimensions for Reference Only, Subject to Change