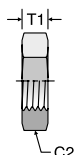


WLN

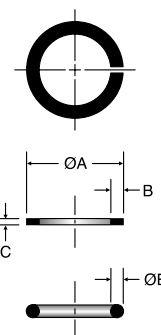
Bulkhead Locknut

SAE 080118 and 070118
HPD Base # 53-XN

TUBE FITTING PART #	TUBE O.D. (in.)	C2 HEX (in.)	T1 (in.)	STANDARD FROM STOCK		
				-S	-SS	-B
3 WLN	3/16	5/8	0.22	•	•	
4 WLN	1/4	11/16	0.28	•	•	•
5 WLN	5/16	3/4	0.28	•		•
6 WLN	3/8	13/16	0.27	•	•	•
8 WLN	1/2	1	0.31	•	•	•
10 WLN	5/8	1 1/8	0.36	•	•	•
12 WLN	3/4	1 3/8	0.41	•	•	•
14 WLN	7/8	1 1/2	0.41	•		
16 WLN	1	1 5/8	0.41	•	•	
20 WLN	1 1/4	1 7/8	0.41	•	•	
24 WLN	1 1/2	2 1/8	0.41	•	•	
32 WLN	2	2 3/4	0.41	•	•	

SBR

Braze Ring



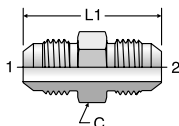
TUBE FITTING PART #	TUBE O.D. (in.)	A DIA. (in.)	B (in.)	C (in.)	E (in.)	STANDARD FROM STOCK		
						-S	-SS	-B
4SBR	1/4	0.260			0.05	•	•	
6SBR	3/8	0.390	0.07	0.03		•	•	
8SBR	1/2	0.515	0.07	0.03		•	•	
10SBR	5/8	0.640	0.07	0.03		•	•	
12SBR	3/4	0.765	0.08	0.04		•	•	
14SBR	7/8	0.890			0.06			
16SBR	1	1.015	0.08	0.04		•	•	
20SBR	1 1/4	1.265	0.08	0.04		•	•	
24SBR	1 1/2	1.515	0.08	0.04		•	•	
32SBR	2	2.015			0.09	•	•	

HTX

Full Dimensions

Union

37° Flare / 37° Flare

SAE 070101
HPD Base # 0303

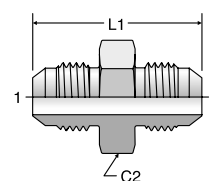
TUBE FITTING PART #	END SIZE		C HEX (in.)	L1 (in.)	STANDARD Dynamic Pressure (x 1,000 PSI)		
	1 (in.)	2 (in.)			-S	-SS	-B
	(in.)	(in.)			(in.)	(in.)	(in.)
2 HTX	1/8	1/8	7/16	1.17	7.5	9.0	3.3
3 HTX	3/16	3/16	7/16	1.23	7.5	9.0	3.3
4 HTX	1/4	1/4	1/2	1.38	7.5	9.0	3.3
4-2 HTX	1/4	1/8	1/2	1.27		9.0	
4-3 HTX	1/4	3/16	1/2	1.30		9.0	
5 HTX	5/16	5/16	9/16	1.38	6.0	7.2	3.3
5-4 HTX	5/16	1/4	9/16	1.38		7.2	
6 HTX	3/8	3/8	5/8	1.41	6.0	7.2	3.3
6-4 HTX	3/8	1/4	5/8	1.41	6.0	7.2	
6-5 HTX	3/8	5/16	5/8	1.41		7.2	
8 HTX	1/2	1/2	13/16	1.62	6.0	7.2	3.3
8-4 HTX	1/2	1/4	13/16	1.52	6.0	7.2	
8-6 HTX	1/2	3/8	13/16	1.52	6.0	7.2	
10 HTX	5/8	5/8	15/16	1.88	5.0	6.0	3.3
10-8 HTX	5/8	1/2	15/16	1.78	5.0	6.0	
12 HTX	3/4	3/4	1 1/8	2.16	5.0	6.0	3.3
12-8 HTX	3/4	1/2	1 1/8	1.95	5.0	6.0	
12-10 HTX	3/4	5/8	1 1/8	2.05	5.0	6.0	
14 HTX	7/8	7/8	1 1/4	2.22	5.0	6.0	2.6
16 HTX	1	1	1 3/8	2.25	4.0	4.8	2.6
16-12 HTX	1	3/4	1 3/8	2.20	4.0	4.8	
20 HTX	1 1/4	1 1/4	1 11/16	2.44	4.0	4.8	
24 HTX	1 1/2	1 1/2	2	2.75	3.0	3.6	
24-10 HTX	1 1/2	5/8	2	2.42			
24-12 HTX	1 1/2	3/4	2	2.53		3.6	
24-16 HTX	1 1/2	1	2	2.58		3.6	
32 HTX	2	2	2 5/8	3.41	2.0	2.4	
32-24 HTX	2	1 1/2	2 5/8	2.81		2.4	

LHTX

Full Dimensions

Large Hex Union

37° Flare / 37° Flare

SAE 070119
HPD Base # 03L3

TUBE FITTING PART #	END SIZE		C2 HEX (in.)	L1 (in.)	STANDARD Dynamic Pressure (x 1,000 PSI)		
	1 (in.)	2 (in.)			-S	-SS	-B
	(in.)	(in.)			(in.)	(in.)	(in.)
4 LHTX	1/4	1/4	11/16	1.38	7.5	9.0	3.3
4-3 LHTX	1/4	3/16	11/16	1.30		9.0	
5 LHTX	5/16	5/16	3/4	1.38	6.0		
6 LHTX	3/8	3/8	13/16	1.41	6.0	7.2	3.3
6-4 LHTX	3/8	1/4	13/16	1.41		7.2	
8 LHTX	1/2	1/2	1	1.62	6.0	7.2	3.3
8-4 LHTX	1/2	1/4	1	1.52		7.2	
8-6 LHTX	1/2	3/8	1	1.52		7.2	
10 LHTX	5/8	5/8	1 1/8	1.88	5.0	6.0	
12 LHTX	3/4	3/4	1 3/8	2.16	5.0	6.0	
12-8 LHTX	3/4	1/2	1 3/8	1.95		6.0	
16 LHTX	1	1	1 5/8	2.25	4.0	4.8	
32 LHTX	2	2	2 3/4	3.41		2.4	

Dimensions and pressures for reference only, subject to change.

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3-D CAD Model

Reference Section