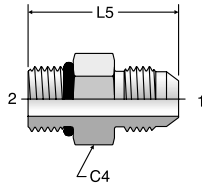
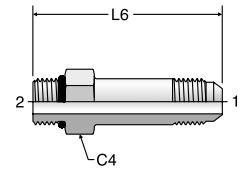
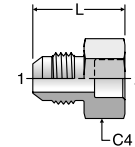


F50X Full DimensionsStraight Thread Connector
37° Flare / SAE-ORBSAE 070120
HPD Base # 0503

TUBE FITTING PART #	END SIZE		C4 HEX (in.)	L5 (in.)	STANDARD Dynamic Pressure (x 1,000 PSI)		
	1	2			-S	-SS	-B
	(in.)	UN/UNF-2A					
2 F50X	1/8	5/16-24	7/16	1.06	7.5	9.0	
3 F50X	3/16	3/8-24	1/2	1.10	7.5	9.0	
3-2 F50X	3/16	5/16-24	1/2	1.10		9.0	
4 F50X	1/4	7/16-20	9/16	1.23	7.5	9.0	
4-2 F50X	1/4	5/16-24	9/16	1.02	7.5		
4-3 F50X	1/4	3/8-24	9/16	1.19		9.0	
4-5 F50X	1/4	1/2-20	5/8	1.23	6.0	7.2	
4-6 F50X	1/4	9/16-18	11/16	1.28	6.0	7.2	
4-8 F50X	1/4	3/4-16	7/8	1.38	6.0	7.2	
4-10 F50X	1/4	7/8-14	1	1.49	5.0		
5 F50X	5/16	1/2-20	5/8	1.23	6.0	7.2	
5-4 F50X	5/16	7/16-20	9/16	1.23	6.0		
5-6 F50X	5/16	9/16-18	11/16	1.30	6.0		
5-8 F50X	5/16	3/4-16	7/8	1.37	6.0		
6 F50X	3/8	9/16-18	11/16	1.30	6.0	7.2	
6-4 F50X	3/8	7/16-20	5/8	1.27	6.0	7.2	
6-5 F50X	3/8	1/2-20	5/8	1.27	6.0		
6-8 F50X	3/8	3/4-16	7/8	1.38	6.0	7.2	
6-10 F50X	3/8	7/8-14	1	1.50	5.0	6.0	
6-12 F50X	3/8	1 1/16-12	1 1/4	1.66	5.0	6.0	
8 F50X	1/2	3/4-16	7/8	1.48	6.0	7.2	
8-4 F50X	1/2	7/16-20	13/16	1.50	6.0	7.2	
8-6 F50X	1/2	9/16-18	13/16	1.44	6.0	7.2	
8-10 F50X	1/2	7/8-14	1	1.59	5.0	6.0	
8-12 F50X	1/2	1 1/16-12	1 1/4	1.77	5.0	6.0	
8-16 F50X	1/2	1 5/16-12	1 1/2	1.78	4.5	5.4	
10 F50X	5/8	7/8-14	1	1.70	5.0	6.0	
10-6 F50X	5/8	9/16-18	11/16	1.71	5.0	6.0	
10-8 F50X	5/8	3/4-16	15/16	1.64	5.0	6.0	
10-12 F50X	5/8	1 1/16-12	1 1/4	1.86	5.0	6.0	
10-16 F50X	5/8	1 5/16-12	1 1/2	1.89	4.5	5.4	
12 F50X	3/4	1 1/16-12	1 1/4	1.97	5.0	6.0	
12-8 F50X	3/4	3/4-16	1 1/8	1.94	5.0	6.0	
12-10 F50X	3/4	7/8-14	1 1/8	1.88	5.0	6.0	
12-14 F50X	3/4	1 3/16-12	1 3/8	1.96	5.0		
12-16 F50X	3/4	1 5/16-12	1 1/2	1.99	4.5	5.4	
12-20 F50X	3/4	1 5/8-12	1 7/8	2.08	4.0		
14 F50X	7/8	1 3/16-12	1 3/8	1.99	5.0		
14-16 F50X	7/8	1 5/16-12	1 1/2	2.02	4.5		
16 F50X	1	1 5/16-12	1 1/2	2.05	4.5	5.4	
16-8 F50X	1	3/4-16	1 3/8	1.78	4.5	5.4	
16-10 F50X	1	7/8-14	1 3/8	2.08	4.5	5.4	
16-12 F50X	1	1 1/16-12	1 3/8	1.99	4.5	5.4	
16-14 F50X	1	1 3/16-12	1 3/8	2.05	4.5		
16-20 F50X	1	1 5/8-12	1 7/8	2.13	4.0	4.8	
16-24 F50X	1	1 7/8-12	2 1/8	2.20	3.0		
20 F50X	1 1/4	1 5/8-12	1 7/8	2.17	4.0	4.8	
20-12 F50X	1 1/4	1 1/16-12	1 11/16	2.30	4.0	4.8	
20-16 F50X	1 1/4	1 5/16-12	1 11/16	2.33	4.0	4.8	
20-24 F50X	1 1/4	1 7/8-12	2 1/8	2.24	3.0	3.6	
24 F50X	1 1/2	1 7/8-12	2 1/8	2.38	3.0	3.6	
24-20 F50X	1 1/2	1 5/8-12	2	2.53	3.0	3.6	
24-32 F50X	1 1/2	2 1/2-12	2 3/4	2.53	2.0		
32 F50X	2	2 1/2-12	2 3/4	2.78	2.0	2.4	
32-24 F50X	2	1 7/8-12	2 5/8	2.94	2.0		

FF50X Full DimensionsLong Straight Thread Connector
37° Flare / SAE-ORBSAE 071720
HPD Base # 053E

TUBE FITTING PART #	END SIZE		C4 HEX (in.)	L6 (in.)	STANDARD Dynamic Pressure (x 1,000 PSI)		
	1	2			-S	-SS	-B
	(in.)	UN/UNF-2A					
4 FF50X	1/4	7/16-20	9/16	2.08	7.5	9.0	
4-6 FF50X	1/4	9/16-18	11/16	2.13		7.2	
6 FF50X	3/8	9/16-18	11/16	2.31	6.0	7.2	
8 FF50X	1/2	3/4-16	7/8	2.70	6.0	7.2	
10 FF50X	5/8	7/8-14	1	3.03	5.0	6.0	
12 FF50X	3/4	1 1/16-12	1 1/4	3.61	5.0	6.0	
16 FF50X	1	1 5/16-12	1 1/2	3.98	4.5	5.4	
20 FF50X	1 1/4	1 5/8-12	1 7/8	4.69	4.0		

XHB3 Full DimensionsBrake Socket
37° Flare / Inch Tube Brake

TUBE FITTING PART #	END SIZE		C4 HEX (in.)	L (in.)	STANDARD Dynamic Pressure (x 1,000 PSI)		
	1	2			-S	-SS	-B
	(in.)	(in.)					
4 XHB3	1/4	1/4	9/16	0.97	7.5		
6 XHB3	3/8	3/8	5/8	1.00	6.0		
6-4 XHB3	3/8	1/4	5/8	1.00	6.0		
6-8 XHB3	3/8	1/2	5/8	1.00	6.0		
8 XHB3	1/2	1/2	13/16	1.12	6.0		
8-10 XHB3	1/2	5/8	13/16	1.12	5.0		
10 XHB3	5/8	5/8	15/16	1.21	5.0		
10-8 XHB3	5/8	1/2	15/16	1.21	5.0		
10-12 XHB3	5/8	3/4	1 1/8	1.37	5.0		
12 XHB3	3/4	3/4	1 1/4	1.51	5.0		
12-10 XHB3	3/4	5/8	1 1/8	1.51	5.0		
12-16 XHB3	3/4	1	1 1/4	1.57	4.0		
16 XHB3	1	1	1 3/8	1.63	4.0		
16-20 XHB3	1	1 1/4	1 11/16	1.73	4.0		
20 XHB3	1 1/4	1 1/4	1 11/16	1.71	4.0		
20-24 XHB3	1 1/4	1 1/2	2	1.71	3.0		
24 XHB3	1 1/2	1 1/2	2	1.84	3.0		
32 XHB3	2	2	2 5/8	2.16			

Note: Braze rings are on [page C15](#).

Dimensions and pressures for reference only, subject to change.

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