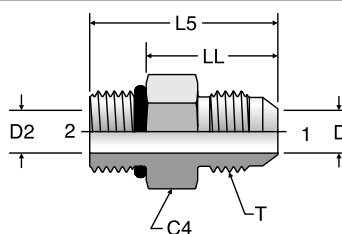


F50X

Straight Thread Connector
37° Flare / SAE-ORB

SAE 070120



TUBE FITTING PART #	HOSE FITTING PART #	END SIZE		T TUBE END UN/UNF-2A	C4 HEX (in.)	D DRILL (in.)	D2 DRILL (in.)	L5 (in.)	LL (in.)	Dynamic Pressure (x 1,000 PSI)		
		1 (in.)	2 UN/UNF-2A							-S	-SS	-B
2 F50X	0503-2-2	1/8	5/16 - 24	5/16 - 24	7/16	0.062	0.062	1.06	0.76	7.5	9.0	3.3
3 F50X	0503-3-3	3/16	3/8 - 24	3/8 - 24	1/2	0.125	0.125	1.10	0.80	7.5	9.0	3.3
3-2 F50X	0503-2-3	3/16	5/16 - 24	3/8 - 24	1/2	0.125	0.062	1.10	0.80	7.5	9.0	3.3
4 F50X	0503-4-4	1/4	7/16 - 20	7/16 - 20	9/16	0.172	0.172	1.23	0.87	7.5	9.0	3.3
4-2 F50X	0503-2-4	1/4	5/16 - 24	7/16 - 20	9/16	0.172	0.125	1.17	0.72	7.5	9.0	3.3
4-3 F50X	0503-3-4	1/4	3/8 - 24	7/16 - 20	9/16	0.172	0.125	1.19	0.89	7.5	9.0	3.3
4-5 F50X	0503-5-4	1/4	1/2 - 20	7/16 - 20	5/8	0.172	0.234	1.23	0.87	6.0	7.2	3.3
4-6 F50X	0503-6-4	1/4	9/16 - 18	7/16 - 20	11/16	0.172	0.297	1.29	0.89	6.0	7.2	3.3
4-8 F50X	0503-8-4	1/4	3/4 - 16	7/16 - 20	7/8	0.172	0.391	1.38	0.94	6.0	7.2	3.3
4-10 F50X	0503-10-4	1/4	7/8 - 14	7/16 - 20	1	0.172	0.172	1.49	0.99	5.0	6.0	3.3
5 F50X	0503-5-5	5/16	1/2 - 20	1/2 - 20	5/8	0.234	0.234	1.23	0.87	6.0	7.2	3.3
5-4 F50X	0503-4-5	5/16	7/16 - 20	1/2 - 20	9/16	0.234	0.172	1.23	0.87	6.0	7.2	3.3
5-6 F50X	0503-6-5	5/16	9/16 - 18	1/2 - 20	11/16	0.234	0.234	1.30	0.91	6.0	7.2	3.3
5-8 F50X	0503-8-5	5/16	3/4 - 16	1/2 - 20	7/8	0.234	0.234	1.37	0.93	6.0	7.2	3.3
6 F50X	0503-6-6	3/8	9/16 - 18	9/16 - 18	11/16	0.297	0.297	1.30	0.91	6.0	7.2	3.3
6-4 F50X	0503-4-6	3/8	7/16 - 20	9/16 - 18	5/8	0.297	0.172	1.27	0.91	6.0	7.2	3.3
6-5 F50X	0503-5-6	3/8	1/2 - 20	9/16 - 18	5/8	0.297	0.234	1.27	0.91	6.0	7.2	3.3
6-8 F50X	0503-8-6	3/8	3/4 - 16	9/16 - 18	7/8	0.297	0.391	1.38	0.94	6.0	7.2	3.3
6-10 F50X	0503-10-6	3/8	7/8 - 14	9/16 - 18	1	0.297	0.484	1.50	1.00	5.0	6.0	3.3
6-12 F50X	0503-12-6	3/8	1 1/16 - 12	9/16 - 18	1 1/4	0.297	0.610	1.66	1.07	5.0	6.0	3.3
8 F50X	0503-8-8	1/2	3/4 - 16	3/4 - 16	7/8	0.391	0.391	1.48	1.04	6.0	7.2	3.3
8-4 F50X	0503-4-8	1/2	7/16 - 20	3/4 - 16	13/16	0.391	0.172	1.50	1.14	6.0	7.2	3.3
8-6 F50X	0503-6-8	1/2	9/16 - 18	3/4 - 16	13/16	0.391	0.297	1.44	1.05	6.0	7.2	3.3
8-10 F50X	0503-10-8	1/2	7/8 - 14	3/4 - 16	1.00	0.391	0.484	1.60	1.09	5.0	6.0	3.3
8-12 F50X	0503-12-8	1/2	1 1/16 - 12	3/4 - 16	1 1/4	0.391	0.610	1.76	1.18	5.0	6.0	3.3
8-16 F50X	0503-16-8	1/2	1 5/16 - 12	3/4 - 16	1 1/2	0.391	0.391	1.78	1.19	4.5	5.4	2.9
10 F50X	0503-10-10	5/8	7/8 - 14	7/8 - 14	1	0.484	0.484	1.70	1.20	5.0	6.0	3.3
10-6 F50X	0503-6-10	5/8	9/16 - 18	7/8 - 14	11/16	0.484	0.297	1.71	1.32	5.0	6.0	3.3
10-8 F50X	0503-8-10	5/8	3/4 - 16	7/8 - 14	15/16	0.484	0.391	1.64	1.17	5.0	6.0	3.3
10-12 F50X	0503-12-10	5/8	1 1/16 - 12	7/8 - 14	1 1/4	0.484	0.610	1.86	1.27	5.0	6.0	3.3
10-16 F50X	0503-16-10	5/8	1 5/16 - 12	7/8 - 14	1 1/2	0.484	0.484	1.89	1.30	4.5	5.4	2.9
12 F50X	0503-12-12	3/4	1 1/16 - 12	1 1/16 - 12	1 1/4	0.610	0.610	1.97	1.38	5.0	6.0	3.3
12-8 F50X	0503-8-12	3/4	3/4 - 16	1 1/16 - 12	1 1/8	0.610	0.391	1.94	1.50	5.0	6.0	3.3
12-10 F50X	0503-10-12	3/4	7/8 - 14	1 1/16 - 12	1 1/8	0.610	0.484	1.88	1.38	5.0	6.0	3.3
12-14 F50X	0503-14-12	3/4	1 3/16 - 12	1 1/16 - 12	1 3/8	0.610	0.610	1.96	1.37	5.0	6.0	3.3
12-16 F50X	0503-16-12	3/4	1 5/16 - 12	1 1/16 - 12	1 1/2	0.610	0.610	1.99	1.40	4.5	5.4	2.9
12-20 F50X	0503-20-12	3/4	1 5/8 - 12	1 1/16 - 12	1 7/8	0.610	0.610	2.08	1.49	4.0	4.8	2.6
14 F50X	0503-14-14	7/8	1 3/16 - 12	1 3/16 - 12	1 3/8	0.718	0.718	1.99	1.40	5.0	6.0	3.3
14-16 F50X	0503-16-14	7/8	1 5/16 - 12	1 3/16 - 12	1 1/2	0.718	0.844	2.02	1.43	4.5	5.4	2.9
16 F50X	0503-16-16	1	1 5/16 - 12	1 5/16 - 12	1 1/2	0.844	0.844	2.04	1.46	4.5	5.4	2.9
16-8 F50X	0503-8-16	1	3/4 - 16	1 5/16 - 12	1 3/8	0.844	0.391	1.78	1.34	4.5	5.4	2.9
16-10 F50X	0503-10-16	1	7/8 - 14	1 5/16 - 12	1 3/8	0.844	0.484	2.08	1.57	4.5	5.4	2.9
16-12 F50X	0503-12-16	1	1 1/16 - 12	1 5/16 - 12	1 3/8	0.844	0.610	1.99	1.40	4.5	5.4	2.9
16-14 F50X	0503-14-16	1	1 3/16 - 12	1 5/16 - 12	1 3/8	0.844	0.718	2.05	1.46	4.5	5.4	2.9
16-20 F50X	0503-20-16	1	1 5/8 - 12	1 5/16 - 12	1 7/8	0.844	1.078	2.12	1.54	4.0	4.8	2.6
16-24 F50X	0503-24-16	1	1 7/8 - 12	1 5/16 - 12	2 1/8	0.844	0.844	2.20	1.61	3.0	3.6	2.0
20 F50X	0503-20-20	1 1/4	1 5/8 - 12	1 5/8 - 12	1 7/8	1.078	1.078	2.17	1.58	4.0	4.8	2.6
20-12 F50X	0503-12-20	1 1/4	1 1/16 - 12	1 5/8 - 12	1 11/16	1.078	0.610	2.30	1.71	4.0	4.8	2.6
20-16 F50X	0503-16-20	1 1/4	1 5/16 - 12	1 5/8 - 12	1 11/16	1.078	0.844	2.33	1.74	4.0	4.8	2.6
20-24 F50X	0503-24-20	1 1/4	1 7/8 - 12	1 5/8 - 12	2 1/8	1.078	1.078	2.24	1.65	3.0	3.6	2.0
24 F50X	0503-24-24	1 1/2	1 7/8 - 12	1 7/8 - 12	2 1/8	1.312	1.312	2.38	1.79	3.0	3.6	2.0
24-20 F50X	0503-20-24	1 1/2	1 5/8 - 12	1 7/8 - 12	2	1.312	1.078	2.53	1.94	3.0	3.6	2.0
24-32 F50X	0503-32-24	1 1/2	2 1/2 - 12	1 7/8 - 12	2 3/4	1.312	1.312	2.53	1.94	2.0	2.4	1.3
32 F50X	0503-32-32	2	2 1/2 - 12	2 1/2 - 12	2 3/4	1.781	1.781	2.78	2.19	2.0	2.4	1.3
32-24 F50X	0503-24-32	2	1 7/8 - 12	2 1/2 - 12	2 5/8	1.781	1.312	2.94	2.35	2.0	2.4	1.3

Dimensions and pressures for reference only, subject to change.