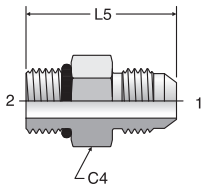
Click here for CADs, Support Resources or to Configure Parts Online

F5OX

Straight Thread Connector
37° Flare / SAE-ORB

SAE 070120
HPD Base # 0503



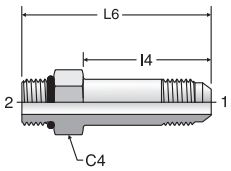
TUBE FITTING PART #	END SIZE 1 (in.)	END SIZE 2 UN/UNF-2A	C4 HEX (in.)	L5 (in.)	Dynamic Pressure (x 1,000 PSI) -S	-SS	-B
2 F5OX	1/8	5/16 - 24	7/16	1.06	7.5	9.0	3.3
3 F5OX	3/16	3/8 - 24	1/2	1.10	7.5	9.0	3.3
3-2 F5OX	3/16	5/16 - 24	1/2	1.10	7.5	9.0	3.3
4 F5OX	1/4	7/16 - 20	9/16	1.23	7.5	9.0	3.3
4-2 F5OX	1/4	5/16 - 24	9/16	1.17	7.5	9.0	3.3
4-3 F5OX	1/4	3/8 - 24	9/16	1.19	7.5	9.0	3.3
4-5 F5OX	1/4	1/2 - 20	5/8	1.23	6.0	7.2	3.3
4-6 F5OX	1/4	9/16 - 18	11/16	1.29	6.0	7.2	3.3
4-8 F5OX	1/4	3/4 - 16	7/8	1.38	6.0	7.2	3.3
4-10 F5OX	1/4	7/8 - 14	1	1.49	5.0	6.0	3.3
5 F5OX	5/16	1/2 - 20	5/8	1.23	6.0	7.2	3.3
5-4 F5OX	5/16	7/16 - 20	9/16	1.23	6.0	7.2	3.3
5-6 F5OX	5/16	9/16 - 18	11/16	1.30	6.0	7.2	3.3
5-8 F5OX	5/16	3/4 - 16	7/8	1.37	6.0	7.2	3.3
6 F5OX	3/8	9/16 - 18	11/16	1.30	6.0	7.2	3.3
6-4 F5OX	3/8	7/16 - 20	5/8	1.27	6.0	7.2	3.3
6-5 F5OX	3/8	1/2 - 20	5/8	1.27	6.0	7.2	3.3
6-8 F5OX	3/8	3/4 - 16	7/8	1.38	6.0	7.2	3.3
6-10 F5OX	3/8	7/8 - 14	1	1.50	5.0	6.0	3.3
6-12 F5OX	3/8	1 1/16 - 12	1 1/4	1.66	5.0	6.0	3.3
8 F5OX	1/2	3/4 - 16	7/8	1.48	6.0	7.2	3.3
8-4 F5OX	1/2	7/16 - 20	13/16	1.50	6.0	7.2	3.3
8-6 F5OX	1/2	9/16 - 18	13/16	1.44	6.0	7.2	3.3
8-10 F5OX	1/2	7/8 - 14	1.00	1.60	5.0	6.0	3.3
8-12 F5OX	1/2	1 1/16 - 12	1 1/4	1.76	5.0	6.0	3.3
8-16 F5OX	1/2	1 5/16 - 12	1 1/2	1.78	4.5	5.4	2.9
10 F5OX	5/8	7/8 - 14	1	1.70	5.0	6.0	3.3
10-6 F5OX	5/8	9/16 - 18	15/16	1.71	5.0	6.0	3.3
10-8 F5OX	5/8	3/4 - 16	15/16	1.64	5.0	6.0	3.3
10-12 F5OX	5/8	1 1/16 - 12	1 1/4	1.86	5.0	6.0	3.3
10-16 F5OX	5/8	1 5/16 - 12	1 1/2	1.89	4.5	5.4	2.9
12 F5OX	3/4	1 1/16 - 12	1 1/4	1.97	5.0	6.0	3.3
12-8 F5OX	3/4	3/4 - 16	1 1/8	1.94	5.0	6.0	3.3
12-10 F5OX	3/4	7/8 - 14	1 1/8	1.88	5.0	6.0	3.3
12-14 F5OX	3/4	1 3/16 - 12	1 3/8	1.96	5.0	6.0	3.3
12-16 F5OX	3/4	1 5/16 - 12	1 1/2	1.99	4.5	5.4	2.9
12-20 F5OX	3/4	1 5/8 - 12	1 7/8	2.08	4.0	4.8	2.6
14 F5OX	7/8	1 3/16 - 12	1 3/8	1.99	5.0	6.0	3.3
14-16 F5OX	7/8	1 5/16 - 12	1 1/2	2.02	4.5	5.4	2.9
16 F5OX	1	1 5/16 - 12	1 1/2	2.04	4.5	5.4	2.9
16-8 F5OX	1	3/4 - 16	1 3/8	1.78	4.5	5.4	2.9
16-10 F5OX	1	7/8 - 14	1 3/8	2.08	4.5	5.4	2.9
16-12 F5OX	1	1 1/16 - 12	1 3/8	1.99	4.5	5.4	2.9
16-14 F5OX	1	1 3/16 - 12	1 3/8	2.05	4.5	5.4	2.9
16-20 F5OX	1	1 5/8 - 12	1 7/8	2.12	4.0	4.8	2.6
16-24 F5OX	1	1 7/8 - 12	2 1/8	2.20	3.0	3.6	2.0
20 F5OX	1 1/4	1 5/8 - 12	1 7/8	2.17	4.0	4.8	2.6
20-12 F5OX	1 1/4	1 1/16 - 12	1 11/16	2.30	4.0	4.8	2.6
20-16 F5OX	1 1/4	1 5/16 - 12	1 11/16	2.33	4.0	4.8	2.6
20-24 F5OX	1 1/4	1 7/8 - 12	2 1/8	2.24	3.0	3.6	2.0
24 F5OX	1 1/2	1 7/8 - 12	2 1/8	2.38	3.0	3.6	2.0
24-20 F5OX	1 1/2	1 5/8 - 12	2	2.53	3.0	3.6	2.0
24-32 F5OX	1 1/2	2 1/2 - 12	2 3/4	2.53	2.0	2.4	1.3
32 F5OX	2	2 1/2 - 12	2 3/4	2.78	2.0	2.4	1.3
32-24 F5OX	2	1 7/8 - 12	2 5/8	2.94	2.0	2.4	1.3

WARNING: This product can expose you to chemicals including Lead and Lead Compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

FF5OX

Long Straight Thread Connector
37° Flare / SAE-ORB

SAE 071720
HPD Base # 053E



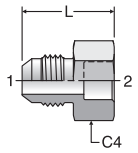
TUBE FITTING PART #	END SIZE 1 (in.)	END SIZE 2 UN/UNF-2A	C4 HEX (in.)	I4 (in.)	L6 (in.)	Dynamic Pressure (x 1,000 PSI) -S	-SS	-B
4 FF5OX	1/4	7/16 - 20	9/16	1.39	2.08	7.5	9.0	3.3
4-6 FF5OX	1/4	9/16 - 18	11/16	1.38	2.13	6.0	7.2	3.3
6 FF5OX	3/8	9/16 - 18	11/16	1.56	2.31	6.0	7.2	3.3
8 FF5OX	1/2	3/4 - 16	7/8	1.88	2.70	6.0	7.2	3.3
10 FF5OX	5/8	7/8 - 14	1	2.09	3.04	5.0	6.0	3.3
12 FF5OX	3/4	1 1/16 - 12	1 1/4	2.50	3.61	5.0	6.0	3.3
16 FF5OX	1	1 5/16 - 12	1 1/2	2.84	3.98	4.5	5.4	2.9
20 FF5OX	1 1/4	1 5/8 - 12	1 7/8	3.47	4.69	4.0	4.8	2.6

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XHB3

Braze Socket
37° Flare / Inch Tube Braze

SAE 070172



TUBE FITTING PART #	END SIZE 1 (in.)	END SIZE 2 (in.)	C4 HEX (in.)	L (in.)	Dynamic Pressure (x 1,000 PSI) -S	-SS	-B
4 XHB3	1/4	1/4	9/16	0.97	7.5	7.5	3.3
6 XHB3	3/8	3/8	5/8	1.00	6.0	6.0	3.3
6-4 XHB3	3/8	1/4	5/8	1.00	6.0	6.0	3.3
6-8 XHB3	3/8	1/2	5/8	1.00	6.0	6.0	3.3
8 XHB3	1/2	1/2	13/16	1.12	6.0	6.0	3.3
8-10 XHB3	1/2	5/8	13/16	1.12	5.0	5.0	3.3
10 XHB3	5/8	5/8	15/16	1.21	5.0	5.0	3.3
10-8 XHB3	5/8	1/2	15/16	1.21	5.0	5.0	3.3
10-12 XHB3	5/8	3/4	1 1/8	1.37	5.0	5.0	3.3
12 XHB3	3/4	3/4	1 1/4	1.51	5.0	5.0	3.3
12-10 XHB3	3/4	5/8	1 1/8	1.51	5.0	5.0	3.3
12-16 XHB3	3/4	1	1 1/4	1.57	4.0	4.0	2.6
16 XHB3	1	1	1 3/8	1.63	4.0	4.0	2.6
16-20 XHB3	1	1 1/4	1 11/16	1.73	4.0	4.0	2.6
20 XHB3	1 1/4	1 1/4	1 11/16	1.71	4.0	4.0	2.6
20-24 XHB3	1 1/4	1 1/2	2	1.71	3.0	3.0	2.0
24 XHB3	1 1/2	1 1/2	2	1.84	3.0	3.0	2.0
32 XHB3	2	2	2 5/8	2.16	2.0	2.0	1.3

Note: Braze rings are on page B10.

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Dimensions and pressures for reference only, subject to change.

Parker Hannifin Corporation
Tube Fittings Division
Columbus, Ohio
http://www.parker.com/tfd