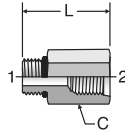


Click here for CADs, Support Resources or to Configure Parts Online

## F50G5

Straight Thread Reducer / Expander  
SAE-ORB / SAE-ORB

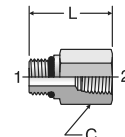
SAE 090136  
HPD Base # 0510



## F50G

Female Pipe Adapter  
SAE-ORB / NPTF

SAE 090156



TUBE FITTING PART #	END SIZE		C HEX (in.)	L (in.)	Dynamic Pressure (x 1,000 PSI)		
	1 UN/UNF-2A	2 UN/UNF-2B			-S	-SS	-B
2-4 F50G5	5/16 - 24	7/16 - 20	11/16	1.03	7.5	7.5	3.3
4-4 F50G5	7/16 - 20	7/16 - 20	11/16	1.08	7.5	7.5	3.3
4-6 F50G5	7/16 - 20	9/16 - 18	13/16	1.16	6.0	6.0	3.3
6-4 F50G5	9/16 - 18	7/16 - 20	11/16	1.03	6.0	6.0	3.3
6-6 F50G5	9/16 - 18	9/16 - 18	13/16	1.16	6.0	6.0	3.3
6-8 F50G5	9/16 - 18	3/4 - 16	1 1/16	1.38	6.0	6.0	3.3
8-4 F50G5	3/4 - 16	7/16 - 20	7/8	1.13	6.0	6.0	3.3
8-6 F50G5	3/4 - 16	9/16 - 18	7/8	1.13	6.0	6.0	3.3
8-10 F50G5	3/4 - 16	7/8 - 14	1 1/8	1.56	4.5	4.5	2.9
10-4 F50G5	7/8 - 14	7/16 - 20	1	0.81	5.0	5.0	3.3
10-6 F50G5	7/8 - 14	9/16 - 18	1	1.26	5.0	5.0	3.3
10-8 F50G5	7/8 - 14	3/4 - 16	1	1.31	5.0	5.0	3.3
10-12 F50G5	7/8 - 14	1 1/16 - 12	1 3/8	1.69	4.5	4.5	2.9
12-4 F50G5	1 1/16 - 12	7/16 - 20	1 1/4	1.00	5.0	5.0	3.3
12-6 F50G5	1 1/16 - 12	9/16 - 18	1 1/4	1.00	5.0	5.0	3.3
12-8 F50G5	1 1/16 - 12	3/4 - 16	1 1/4	1.45	5.0	5.0	3.3
12-10 F50G5	1 1/16 - 12	7/8 - 14	1 1/4	1.53	5.0	5.0	3.3
12-16 F50G5	1 1/16 - 12	1 5/16 - 12	1 5/8	1.88	3.5	3.5	2.2
16-6 F50G5	1 5/16 - 12	9/16 - 18	1 1/2	1.00	4.5	4.5	2.9
16-8 F50G5	1 5/16 - 12	3/4 - 16	1 1/2	1.00	4.5	4.5	2.9
16-10 F50G5	1 5/16 - 12	7/8 - 14	1 1/2	1.00	4.5	4.5	2.9
16-12 F50G5	1 5/16 - 12	1 1/16 - 12	1 1/2	1.75	4.5	4.5	2.9
16-20 F50G5	1 5/16 - 12	1 5/8 - 12	2 1/8	1.97	3.0	3.0	1.9
20-6 F50G5	1 5/8 - 12	9/16 - 18	1 7/8	1.00	4.0	4.0	2.6
20-8 F50G5	1 5/8 - 12	3/4 - 16	1 7/8	1.00	4.0	4.0	2.6
20-10 F50G5	1 5/8 - 12	7/8 - 14	1 7/8	1.00	4.0	4.0	2.6
20-12 F50G5	1 5/8 - 12	1 1/16 - 12	1 7/8	1.00	4.0	4.0	2.6
20-16 F50G5	1 5/8 - 12	1 5/16 - 12	1 7/8	1.72	4.0	4.0	2.6
20-24 F50G5	1 5/8 - 12	1 7/8 - 12	2 1/2	1.88	3.0	3.0	1.9
24-6 F50G5	1 7/8 - 12	9/16 - 18	2 1/8	1.00	3.0	3.0	1.9
24-12 F50G5	1 7/8 - 12	1 1/16 - 12	2 1/8	1.00	3.0	3.0	1.9
24-16 F50G5	1 7/8 - 12	1 5/16 - 12	2 1/8	1.00	3.0	3.0	1.9
24-20 F50G5	1 7/8 - 12	1 5/8 - 12	2 1/8	1.75	3.0	3.0	1.9
32-20 F50G5	2 1/2 - 12	1 5/8 - 12	2 3/4	1.00	2.0	2.0	1.3
32-24 F50G5	2 1/2 - 12	1 7/8 - 12	2 3/4	1.80	2.0	2.0	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](http://www.p65warnings.ca.gov).

TUBE FITTING PART #	END SIZE		C HEX (in.)	L (in.)	Dynamic Pressure (x 1,000 PSI)		
	1 UN/UNF-2A	2 NPTF			-S	-SS	-B
2-1/8 F50G	5/16 - 24	1/8 - 27	9/16	0.91	6.0	6.0	3.3
4-1/8 F50G	7/16 - 20	1/8 - 27	9/16	1.00	6.0	6.0	3.3
4-1/4 F50G	7/16 - 20	1/4 - 18	3/4	1.16	6.0	6.0	3.3
5-1/8 F50G	1/2 - 20	1/8 - 27	5/8	1.06	6.0	6.0	3.3
5-1/4 F50G	1/2 - 20	1/4 - 18	3/4	1.19	6.0	6.0	3.3
6-1/8 F50G	9/16 - 18	1/8 - 27	11/16	1.00	6.0	6.0	3.3
6-1/4 F50G	9/16 - 18	1/4 - 18	3/4	1.16	6.0	6.0	3.3
6-3/8 F50G	9/16 - 18	3/8 - 18	7/8	1.28	6.0	6.0	3.3
6-1/2 F50G	9/16 - 18	1/2 - 14	1 1/8	1.53	5.0	6.0	3.3
8-1/8 F50G	3/4 - 16	1/8 - 27	7/8	0.80	6.0	6.0	3.3
8-1/4 F50G	3/4 - 16	1/4 - 18	7/8	1.13	6.0	6.0	3.3
8-3/8 F50G	3/4 - 16	3/8 - 18	7/8	1.28	6.0	6.0	3.3
8-1/2 F50G	3/4 - 16	1/2 - 14	1 1/8	1.50	5.0	6.0	3.3
10-1/4 F50G	7/8 - 14	1/4 - 18	1	0.81	5.0	6.0	3.3
10-3/8 F50G	7/8 - 14	3/8 - 18	1	1.31	5.0	6.0	3.3
10-1/2 F50G	7/8 - 14	1/2 - 14	1 1/8	1.53	5.0	6.0	3.3
10-3/4 F50G	7/8 - 14	3/4 - 14	1 3/8	1.63	4.0	4.0	2.6
12-1/4 F50G	1 1/16 - 12	1/4 - 18	1 1/4	1.00	6.0	6.0	3.3
12-3/8 F50G	1 1/16 - 12	3/8 - 18	1 1/4	1.34	5.0	6.0	3.3
12-1/2 F50G	1 1/16 - 12	1/2 - 14	1 1/4	1.41	5.0	6.0	3.3
12-3/4 F50G	1 1/16 - 12	3/4 - 14	1 3/8	1.72	4.0	4.8	3.1
14-1/2 F50G	1 3/16 - 12	1/2 - 14	1 3/8	1.06	5.0	5.0	3.3
14-3/4 F50G	1 3/16 - 12	3/4 - 14	1 3/8	1.69	4.0	4.0	2.6
16-1/2 F50G	1 5/16 - 12	1/2 - 14	1 1/2	1.00	5.0	6.0	3.3
16-3/4 F50G	1 5/16 - 12	3/4 - 14	1 1/2	1.50	4.0	4.8	2.6
16-1 F50G	1 5/16 - 12	1 - 11 1/2	1 5/8	1.88	3.0	3.6	1.9
20-1 F50G	1 5/8 - 12	1 - 11 1/2	1 7/8	1.00	3.0	3.6	1.9
20-1 1/2 F50G	1 5/8 - 12	1 1/2 - 11 1/2	2 1/4	2.16	2.5	3.0	1.6
20-1 1/4 F50G	1 5/8 - 12	1 1/4 - 11 1/2	2	1.97	3.0	3.0	1.9
24-1 F50G	1 7/8 - 12	1 - 11 1/2	2 1/8	1.00	3.0	3.6	1.9
24-1 1/4 F50G	1 7/8 - 12	1 1/4 - 11 1/2	2 1/8	1.94	2.5	2.5	1.6
24-1 1/2 F50G	1 7/8 - 12	1 1/2 - 11 1/2	2 1/4	2.00	2.0	2.4	1.3
32-2 F50G	2 1/2 - 12	2 - 11 1/2	2 7/8	2.06	2.0	2.4	1.3

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Dimensions and pressures for reference only, subject to change.



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