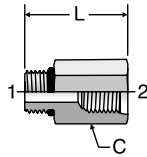


F50G5 Full Dimensions

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

SAE 090136
HPD Base # 0510

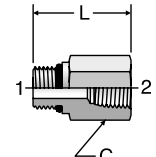


TUBE FITTING PART #	END SIZE		C HEX (in.)	L (in.)	STANDARD Dynamic Pressure (x 1,000 PSI)		
	1 UN/UNF-2A	2 UN/UNF-2B			-S	-SS	-B
2-4 F50G5	5/16-24	7/16-20	11/16	1.03	7.5		
4-4 F50G5	7/16-20	7/16-20	11/16	1.08		7.5	
4-6 F50G5	7/16-20	9/16-18	13/16	1.16	6.0	6.0	
6-4 F50G5	9/16-18	7/16-20	11/16	1.03	6.0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

F50G Female Pipe Adapter Full Dimensions

Female Pipe Adapter
SAE-ORB / NPTF

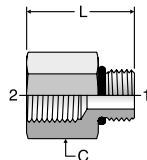
SAE 090156



TUBE FITTING PART #	END SIZE		C HEX (in.)	L (in.)	STANDARD 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	
4-1/8 F50G	7/16-20	1/8-27	9/16	1.00	6.0	6.0	
4-1/4 F50G	7/16-20	1/4-18	3/4	1.16	6.0	6.0	
5-1/8 F50G	1/2-20	1/8-27	5/8	1.06	6.0		
5-1/4 F50G	1/2-20	1/4-18	3/4	1.19	6.0		
6-1/8 F50G	9/16-18	1/8-27	11/16	1	6.0		
6-1/4 F50G	9/16-18	1/4-18	3/4	1.16	6.0	6.0	
6-3/8 F50G	9/16-18	3/8-18	7/8	1.28	6.0	6.0	
6-1/2 F50G	9/16-18	1/2-14	1 1/8	1.53	5.0	6.0	
8-1/8 F50G	3/4-16	1/8-27	7/8	0.80		6.0	
8-1/4 F50G	3/4-16	1/4-18	7/8	1.13	6.0	6.0	
8-3/8 F50G	3/4-16	3/8-18	7/8	1.28	6.0	6.0	
8-1/2 F50G	3/4-16	1/2-14	1 1/8	1.50	5.0	6.0	
10-1/4 F50G	7/8-14	1/4-18	1	0.81	5.0	6.0	
10-3/8 F50G	7/8-14	3/8-18	1	1.31	5.0	6.0	
10-1/2 F50G	7/8-14	1/2-14	1 1/8	1.53	5.0	6.0	
10-3/4 F50G	7/8-14	3/4-14	1 3/8	1.63	4.0		
12-1/4 F50G	1 1/16-12	1/4-18	1 1/4	1.00		6.0	
12-3/8 F50G	1 1/16-12	3/8-18	1 1/4	1.00	5.0	6.0	
12-1/2 F50G	1 1/16-12	1/2-14	1 1/4	1.41	5.0	6.0	
12-3/4 F50G	1 1/16-12	3/4-14	1 3/8	1.72	4.0	4.8	
14-1/2 F50G	1 3/16-12	1/2-14	1 3/8	1.06	5.0		
14-3/4 F50G	1 3/16-12	3/4-14	1 3/8	1.69	4.0		
16-1/2 F50G	1 5/16-12	1/2-14	1 1/2	1.00	5.0	6.0	
16-3/4 F50G	1 5/16-12	3/4-14	1 1/2	1.50	4.0	4.8	
16-1 F50G	1 5/16-12	1-11 1/2	1 5/8	1.88	3.0	3.6	
20-1 F50G	1 5/8-12	1-11 1/2	1 7/8	1.00	3.0	3.6	
20-1 1/2 F50G	1 5/8-12	1 1/2-14	2 1/4	2.16	2.5	3.0	
20-1 1/4 F50G	1 5/8-12	1 1/4-11 1/2	2	1.97		3.0	
24-1 F50G	1 7/8-12	1-11 1/2	2 1/8	1.00	3.0	3.6	
24-1 1/4 F50G	1 7/8-12	1 1/4-11 1/2	2 1/8	1.94	2.5		
24-1 1/2 F50G	1 7/8-12	1 1/2-11 1/2	2 1/4	2.00	2.0	2.4	
32-2 F50G	2 1/2-12	2-11 1/2	2 7/8	2.06	2.0	2.4	

F50HG8 Full Dimensions

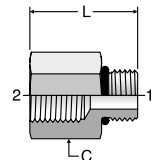
Conversion Adapter
SAE-ORB / Metric



TUBE FITTING PART #	END SIZE		C HEX (in.)	L (in.)	STANDARD Dynamic Pressure (x 1,000 PSI)		
	1 UN/UNF-2A	2 METRIC STR			-S	-SS	-B
4M10F50HG8	7/16-20	M10X1	5/8	0.95	6.0		
4M12F50HG8	7/16-20	M12X1.5	3/4	1.14	6.0		
6M14F50HG8	9/16-18	M14X1.5	13/16	1.17	6.0		
6M16F50HG8	9/16-18	M16X1.5	15/16	1.17	6.0		
8M16F50HG8	3/4-16	M16X1.5	15/16	1.30	6.0		
8M18F50HG8	3/4-16	M18X1.5	1	1.30	6.0		
10M22F50HG8	7/8-14	M22X1.5	1 3/16	1.46	5.0		
12M27F50HG8	1 1/16-12	M27X2	1 1/2	1.72	5.0		
16M33F50HG8	1 5/16-12	M33X2	1 3/4	1.81	5.0		

F50HG4 Full Dimensions

Conversion Adapter
SAE-ORB / BSPP



TUBE FITTING PART #	END SIZE		C HEX (in.)	L (in.)	STANDARD Dynamic Pressure (x 1,000 PSI)		
	1 UN/UNF-2A	2 BSPP			-S	-SS	-B
4-1/8F50HG4	7/16-20	1/8-28	5/8	0.96	6.0		
4-1/4F50HG4	7/16-20	1/4-19	3/4	1.16	6.0		
6-1/4F50HG4	9/16-18	1/4-19	3/4	1.19	6.0		
6-3/8F50HG4	9/16-18	3/8-19	7/8	1.19	6.0		
8-1/4F50HG4	3/4-16	1/4-19	7/8	1.32	6.0		
8-3/8F50HG4	3/4-16	3/8-19	15/16	1.32	6.0		
10-1/2F50HG4	7/8-14	1/2-14	1 1/8	1.52	5.0		
12-3/4F50HG4	1 1/16-12	3/4-14	1 7/16	1.74	4.0		
16-1F50HG4	1 5/16-12	1-11	1 7/8	1.87	3.0		

Dimensions and pressures for reference only, subject to change.

- Visual Index
- Specs
- Assembly / Installation
- 3-D CAD Model
- Reference Section