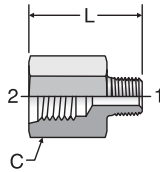


FHG5

Female Straight Thread Adapter
NPTF / SAE-ORB

HPD Base # 0110

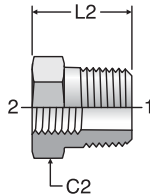


TUBE FITTING PART #	END SIZE		C HEX (in.)	L (in.)	STANDARD Dynamic Pressure (x 1,000 PSI)		
	1 NPTF	2 UN/UNF-2A			-S	-SS	-B
	1/8-4 FHG5	1/8-27					
1/8-5 FHG5	1/8-27	1/2-20	3/4	1.09	6.0		
1/4-6 FHG5	1/4-18	9/16-18	3/4	1.36	6.0		
3/8-6 FHG5	3/8-18	9/16-18	3/4	1.42	6.0		
3/8-8 FHG5	3/8-18	3/4-16	1	1.50	5.0		
1/2-6 FHG5	1/2-14	9/16-18	7/8	1.58	6.0		
1/2-8 FHG5	1/2-14	3/4-16	1	1.66	5.0		
1/2-10 FHG5	1/2-14	7/8-14	1 1/4	1.75	4.5		
3/4-8 FHG5	3/4-14	3/4-16	1 1/8	1.13			
3/4-12 FHG5	3/4-14	1 1/16-12	1 3/8	1.97	4.5		
1-16 FHG5	1-11 1/2	1 5/16-12	1 5/8	2.13	3.5		

PTR

Pipe Thread Reducer
NPTF / NPTF

SAE 140140
HPD Base # 0102



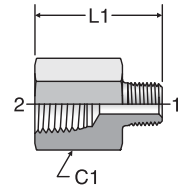
TUBE FITTING PART #	END SIZE		C2 HEX (in.)	L2 (in.)	STANDARD Dynamic Pressure (x 1,000 PSI)		
	1 NPTF	2 NPTF			-S	-SS	-B
	1/4 x 1/8 PTR	1/4-18					
3/8 x 1/8 PTR	3/8-18	1/8-27	3/4	0.86	6.0	3.9	
3/8 x 1/4 PTR	3/8-18	1/4-18	3/4	0.86	6.0	3.9	
1/2 x 1/8 PTR	1/2-14	1/8-27	7/8	1.11	6.0	3.2	
1/2 x 1/4 PTR	1/2-14	1/4-18	7/8	1.11	6.0	3.2	
1/2 x 3/8 PTR	1/2-14	3/8-18	7/8	1.11	6.0	3.2	
3/4 x 1/8 PTR	3/4-14	1/8-27	1 1/8	1.17		6.0	
3/4 x 1/4 PTR	3/4-14	1/4-18	1 1/8	1.17	5.5	3.7	
3/4 x 3/8 PTR	3/4-14	3/8-18	1 1/8	1.17	5.5	3.7	
3/4 x 1/2 PTR	3/4-14	1/2-14	1 1/8	1.17	5.0	3.3	
1 x 1/8 PTR	1-11 1/2	1/8-27	1 3/8	1.36		5.4	
1 x 1/4 PTR	1-11 1/2	1/4-18	1 3/8	1.36	4.5	5.4	
1 x 3/8 PTR	1-11 1/2	3/8-18	1 3/8	1.36	4.5	3.0	
1 x 1/2 PTR	1-11 1/2	1/2-14	1 3/8	1.36	4.5	3.0	
1 x 3/4 PTR	1-11 1/2	3/4-14	1 3/8	1.36	4.0	2.7	
1 1/4 x 1/4 PTR	1 1/4-11 1/2	1/4-18	1 3/4	1.47		3.6	
1 1/4 x 3/8 PTR	1 1/4-11 1/2	3/8-18	1 3/4	1.47		3.6	
1 1/4 x 1/2 PTR	1 1/4-11 1/2	1/2-14	1 3/4	1.47	3.0	3.6	
1 1/4 x 3/4 PTR	1 1/4-11 1/2	3/4-14	1 3/4	1.47	3.0	3.6	
1 1/4 x 1 PTR	1 1/4-11 1/2	1-11 1/2	1 3/4	1.47	3.0	3.6	
1 1/2 x 1/4 PTR	1 1/2-11 1/2	1/4-18	2	1.52		3.6	
1 1/2 x 3/8 PTR	1 1/2-11 1/2	3/8-18	2	1.58		3.6	
1 1/2 x 1/2 PTR	1 1/2-11 1/2	1/2-14	2	1.58		3.6	
1 1/2 x 3/4 PTR	1 1/2-11 1/2	3/4-14	2	1.58	3.0	3.6	
1 1/2 x 1 PTR	1 1/2-11 1/2	1-11 1/2	2	1.58	3.0	3.6	
1 1/2 x 1 1/4 PTR	1 1/2-11 1/2	1 1/4-11 1/2	2	1.58	2.5	3.0	
2 x 1/2 PTR	2-11 1/2	1/2-14	2 1/2	1.75		2.4	
2 x 3/4	2-11 1/2	3/4-14	2 1/2	1.75		2.4	
2 x 1 PTR	2-11 1/2	1-11 1/2	2 1/2	1.75	2.0	2.4	
2 x 1 1/4 PTR	2-11 1/2	1 1/4-11 1/2	2 1/2	1.75	2.0	2.4	
2 x 1 1/2 PTR	2-11 1/2	1 1/2-11 1/2	2 1/2	1.75	2.0	2.4	

Dimensions and pressures for reference only, subject to change.

FG

Expander / Adapter
NPTF / NPTF

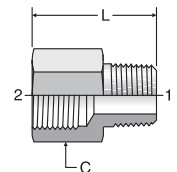
SAE 140139
HPD Base # 0201



TUBE FITTING PART #	END SIZE		C1 HEX (in.)	L1 (in.)	STANDARD Dynamic Pressure (x 1,000 PSI)		
	1 NPTF	2 NPTF			-S	-SS	-B
	1/8 x 1/16 FG	1/16-27					
1/8 FG	1/8-27	1/8-27	5/8	1.03	6.0	6.0	
1/4 x 1/8 FG	1/8-27	1/4-18	3/4	1.21	6.0	3.9	
1/4 FG	1/4-18	1/4-18	3/4	1.39	6.0	3.9	
3/8 x 1/8 FG	1/8-27	3/8-18	7/8	1.25	6.0	6.0	
3/8 x 1/4 FG	1/4-18	3/8-18	7/8	1.44	6.0	3.9	
3/8 FG	3/8-18	3/8-18	7/8	1.44	6.0	3.9	
1/2 x 1/8 FG	1/8-27	1/2-14	1 1/8	1.50	5.0	3.2	
1/2 x 1/4 FG	1/4-18	1/2-14	1 1/8	1.69	5.0	3.2	
1/2 x 3/8 FG	3/8-18	1/2-14	1 1/8	1.69	5.0	3.2	
1/2 FG	1/2-14	1/2-14	1 1/8	1.87	5.0	3.2	
3/4 FG	3/4-14	3/4-14	1 3/8	1.93	4.0	4.8	
3/4 x 1/4 FG	1/4-18	3/4-14	1 3/8	1.75	4.0	2.6	
3/4 x 3/8 FG	3/8-18	3/4-14	1 3/8	1.75	4.8		
3/4 x 1/2 FG	1/2-14	3/4-14	1 3/8	1.93	4.0	2.6	
1 FG	1-11 1/2	1-11 1/2	1 5/8	2.37		3.6	
1 x 1/4 FG	1/4-18	1-11 1/2	1 5/8	2.01		3.6	
1 x 1/2 FG	1/2-14	1-11 1/2	1 5/8	2.19	3.0	3.6	
1 x 3/4 FG	3/4-14	1-11 1/2	1 5/8	2.19	3.0	3.6	
1 1/4 FG	1 1/4-11 1/2	1 1/4-11 1/2	2	2.50	2.5		
1 1/4 x 1 FG	1-11 1/2	1 1/4-11 1/2	2	2.47		3.0	
1 1/2 x 1 FG	1-11 1/2	1 1/2-11 1/2	2 3/8	2.47		2.4	
1 1/2 x 1 1/4 FG	1 1/4-11 1/2	1 1/2-11 1/2	2 3/8	2.50	2.0		
2 FG	2-11 1/2	2-11 1/2	2 7/8	2.66			

FHG8

Conversion Adapter
NPTF / Metric



TUBE FITTING PART #	END SIZE		C HEX (in.)	L (in.)	STANDARD Dynamic Pressure (x 1,000 PSI)		
	1 NPTF	2 METRIC STR			-S	-SS	-B
	1/8M10FHG8	1/8-27					
1/8M12FHG8	1/8-27	M12X1.5	3/4	1.16	6.0		
1/4M14FHG8	1/4-18	M14X1.5	13/16	1.35	6.0		
1/4M16FHG8	1/4-18	M16X1.5	15/16	1.37	6.0		
3/8M18FHG8	3/8-18	M18X1.5	1	1.36	6.0		
1/2M22FHG8	1/2-14	M22X1.5	1 3/16	1.65	6.0		
3/4M27FHG8	3/4-14	M27X2	1 1/2	1.77	5.5		