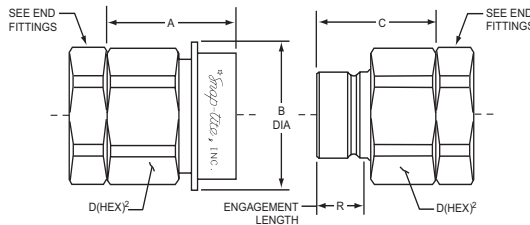


COUPLING COMBINATIONS & END FITTINGS

1. Double shut-off coupling: Valve coupler and valve nipple
 2. Single shut-off coupling: Valve coupler and plain nipple
 3. No shut-off or straight through: Plain coupler and plain nipple. Plain couplers cannot be used with valve nipples.
- All combinations of the same coupling size are interchangeable regardless of material, finish or end fittings.

VALVED



Size		1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
A	in	1.34	1.50	1.62	1.91	2.07	2.28	2.57	3.14	3.63	3.88	4.58
	mm	34.04	38.10	41.15	48.51	52.58	57.91	65.28	79.76	92.20	98.55	116.30
B	in	1.13	1.31	1.44	1.88	2.19	2.50	2.88	3.63	4.50	5.45	6.75
	mm	28.70	33.27	36.58	47.80	55.63	63.50	73.15	92.20	114.30	138.40	171.50
C	in	1.30	1.46	1.51	1.79	1.89	2.02	2.25	2.72	3.20	3.58	4.24
	mm	33.02	37.08	38.35	45.47	48.01	51.31	57.15	69.09	81.28	90.90	107.70
D	in	.88	1.00	1.19	1.50	1.88	2.00	2.75	3.75	4.50	5.25	6.75
	mm	22.40	25.40	30.23	38.10	47.75	50.80	69.85	95.25	114.30	133.40	171.45
R	in	.55	.69	.69	.84	.86	.80	.94	1.12	1.23	1.38	1.73
	mm	14.00	17.53	17.53	21.30	21.84	20.30	23.88	28.44	31.24	35.00	44.00

END FITTINGS¹

		Size	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
Male Tapered Pipe 	F	in	.75	.69	.95	.96	1.14	1.31	1.44	1.40	1.83	1.88	2.88
		mm	19.05	17.53	24.13	24.38	28.96	33.27	36.58	35.56	46.48	47.75	73.15
	G²	in	.88	1.00	1.19	1.50	1.88	2.00	2.50	3.50 ³	4.00	4.75	6.00
		mm	22.35	25.40	30.23	38.10	47.75	50.80	63.50	88.90 ³	101.60	120.65	152.40
EM Male SAE Flared and MS33656 	F	in	.74	.74	.84	1.13	1.16	1.27	1.46	1.71			
		mm	18.80	18.80	21.34	28.70	29.46	32.26	37.08	43.43			
	G²	in	.88	1.00	1.19	1.50	1.88	2.00	2.50	3.50 ³			
		mm	22.35	33.27	30.23	38.10	47.75	50.80	63.50	88.90 ³			
MS33657 	F	in	1.23	1.31	1.47	1.84	1.84	1.95					
		mm	31.31	33.27	37.34	46.74	46.74	49.53					
	G²	in	.88	1.00	1.19	1.50	1.88	2.00					
		mm	22.35	25.40	30.23	38.10	47.75	50.80					
Female Tapered Pipe 	F	in	.31	.40	.47	.50	.60	1.26	.70	.78	.90	.88	1.13
		mm	7.87	10.16	11.94	12.70	15.24	32.00	17.78	19.81	22.86	22.35	28.70
	G²	in	.88	1.00	1.19	1.50	1.88	2.00	2.50	3.50	4.00	4.75	6.00
		mm	22.35	25.40	30.23	38.10	47.75	50.80	63.50	88.90	101.60	120.65	152.40
EF Female Straight and MS33649 	F	in	.46	.70	.57	1.00	.87	1.11	.85	1.01			
		mm	11.68	17.78	14.48	25.40	22.10	28.19	21.59	25.65			
	G²	in	.88	1.00	1.19	1.50	1.88	2.00	2.50	3.50			
		mm	22.35	25.40	30.23	38.10	47.75	50.80	63.50	88.90			
EB Male SAE Bulk-Head 	F	in	1.39	1.56	1.67	2.03	1.84	2.14					
		mm	35.30	39.62	42.42	51.56	46.74	54.36					
	G²	in	.88	1.00	1.19	1.50	1.88	2.00					
		mm	22.35	25.40	30.23	38.10	47.75	50.80					
Female RP⁴ British Parallel 	F	in	.39	.40	.53	.56	.60	1.26	.70	.78	.90	.89	1.13
		mm	9.91	10.16	13.46	14.22	15.24	32.00	17.78	19.81	22.86	22.35	28.70
	G²	in	.88	1.00	1.19	1.50	1.88	2.00	2.50	3.50	4.00	4.75	6.00
		mm	22.35	25.40	30.23	38.10	47.75	50.80	63.50	88.90	101.60	120.65	152.40