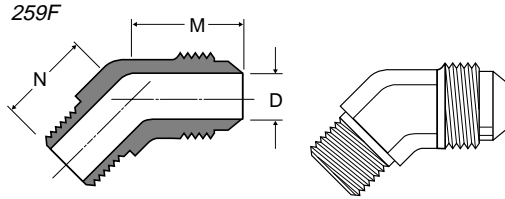
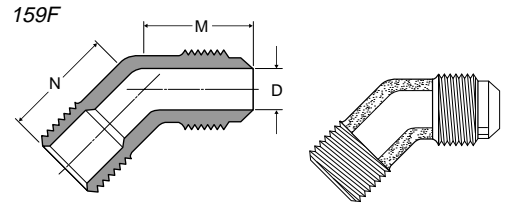


45° Elbow 159F-259F

Ref. SAE 010302 *Thread Protectors

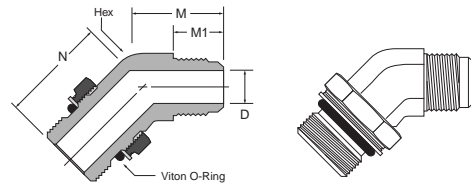
PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	M	N	FLOW DIA. D
159F-4-2	1/4	1/8	7/16-20	.78	.56	.188
259F-4-2	1/4	1/8	7/16-20	.65	.62	.188
159F-4-4	1/4	1/4	7/16-20	.75	.84	.188
259F-4-4	1/4	1/4	7/16-20	.73	.84	.188
159F-5-2	5/16	1/8	1/2-20	.75	.65	.220
159F-5-4	5/16	1/4	1/2-20	.75	.81	.220
159F-6-2	3/8	1/8	5/8-18	.89	.67	.220
159F-6-4	3/8	1/4	5/8-18	.89	.86	.283
259F-6-4	3/8	1/4	5/8-18	.91	.86	.283
159F-6-6	3/8	3/8	5/8-18	.91	.93	.283
259F-6-6	3/8	3/8	5/8-18	.91	.93	.283
159F-8-4	1/2	1/4	3/4-16	1.06	.95	.408
159F-8-6	1/2	3/8	3/4-16	1.06	.95	.408
259F-8-6	1/2	3/8	3/4-16	1.04	.93	.408
159F-8-8	1/2	1/2	3/4-16	1.00	.87	.406
259F-8-8	1/2	1/2	3/4-16	1.10	1.15	.408
159F-10-6	5/8	3/8	7/8-14	1.13	.95	.406
259F-10-6	5/8	3/8	7/8-14	1.20	1.15	.503
159F-10-8	5/8	1/2	7/8-14	1.21	1.16	.503
259F-10-8	5/8	1/2	7/8-14	1.21	.98	.503
159F-12-8*	3/4	1/2	1-1/16-14	1.28	1.16	.560



45° Flare Elbow to Metric Adaptor 159F-X-MIX

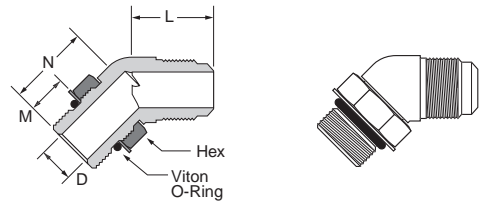
PART NUMBER	TUBE SIZE	METRIC THREAD	HEX	M	M1	N	D
159F-8-MI16	1/2	M16 X 1.5	13/16	1.10	.75	1.16	.36
159F-10-MI27	5/8	M27 x 2.0	1 1/8	1.21	.88	1.50	.50

Note: Viton o-ring is standard



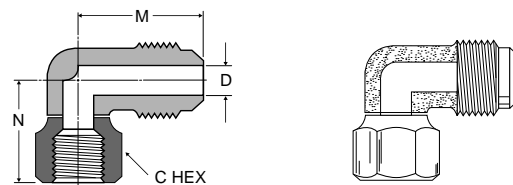
45° Flare to Straight Thread 1595F

PART NO.	TUBE SIZE	STRAIGHT THREAD	HEX	L	N	M	FLOW DIA. D
1595F-8-8	1/2	3/4-16	7/8	1.00	1.16	.59	.400
1595F-12-8	3/4	3/4-16	7/8	1.41	1.30	.52	.398
1595F-12-12	3/4	1 1/16-12	1 1/4	1.41	1.45	.68	.616



90° Swivel Elbow 166FSV

PART NO.	TUBE SIZE	STRAIGHT THREAD	C HEX	M	N	FLOW DIA. D
166FSV-4-4	1/4	7/16-20	5/8	.86	.93	.189
166FSV-6-6	3/8	5/8-18	13/16	1.04	1.12	.282
166FSV-8-8	1/2	3/4-16	15/16	1.23	1.31	.408
166FSV-10-10	5/8	7/8-14	1-1/16	1.39	1.50	.502
166FSV-12-12	3/4	1-1/16-14	1-5/16	1.60	1.83	.627



Adapter Tee 256F

PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	M	N	N1	FLOW DIA. D
256F-4-2	1/4	1/8	7/16-20	.86	.76	.47	.188

