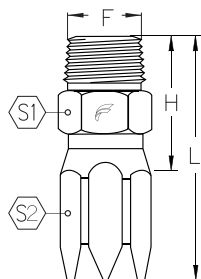



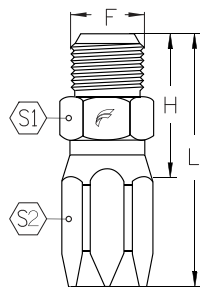





MP NPT Male



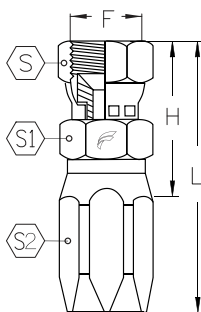
Part Number		F	H		L					
	in		mm	in	mm	in	mm	in	mm	in
5R04-02MP	3/16	1/8 - 27	23.4	0.92	42.4	1.67	14	9/16	15	5/8
5R04-04MP	3/16	1/4 - 18	27.9	1.10	47.0	1.85	14	9/16	15	5/8
5R05-04MP	1/4	1/4 - 18	30.0	1.18	49.8	1.96	14	9/16	17	11/16
5R06-04MP	5/16	1/4 - 18	31.2	1.23	55.1	2.17	14	9/16	20	13/16
5R06-06MP	5/16	3/8 - 18	32.0	1.26	55.9	2.20	17	11/16	20	13/16
5R08-06MP	13/32	3/8 - 18	33.5	1.32	63.0	2.48	17	11/16	24	1
5R08-08MP	13/32	1/2 - 14	39.6	1.56	68.8	2.71	22	7/8	24	1
5R10-08MP	1/2	1/2 - 14	40.4	1.59	72.4	2.85	22	7/8	28	1 1/8
5R12-12MP	5/8	3/4 - 14	42.4	1.67	81.3	3.20	27	1 1/16	32	1 1/4
5R16-16MP	7/8	1 - 11 1/2	43.4	1.71	75.7	2.98	34	1 3/8	35	1 7/16
5R20-20MP	1 1/4	1 1/4 - 11 1/2	46.5	1.83	81.0	3.19	44	1 3/4	44	1 3/4
5R24-24MP	1 1/2	1 1/2 - 11 1/2	48.8	1.92	85.3	3.36	51	2	51	2
5R32-32MP	2	2 - 11 1/2	52.3	2.06	99.3	3.91	63	2 1/2	63	2 1/2




MJ JIC 37° Male



Part Number		F	H		L					
	in		mm	in	mm	in	mm	in	mm	in
5R04-04MJ	3/16	7/16 - 20	27.7	1.09	46.7	1.84	12	1/2	16	5/8
5R05-05MJ	1/4	1/2 - 20	29.7	1.17	49.5	1.95	14	9/16	17	11/16
5R06-06MJ	5/16	9/16 - 18	30.7	1.21	53.8	2.12	16	5/8	20	13/16
5R08-08MJ	13/32	3/4 - 16	33.3	1.31	65.0	2.56	20	13/16	24	1
5R10-10MJ	1/2	3/8 - 14	40.4	1.59	76.2	3.00	22	15/16	28	1 1/8

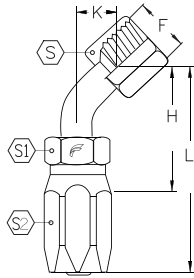
FJ JIC 37° Female Swivel






Part Number		F	H		L					
	in		mm	in	mm	in	mm	in	mm	in
5R04-04FJ	3/16	7/16 - 20	30.0	1.18	49.0	1.93	15	5/8	14	9/16
5R05-05FJ	1/4	1/2 - 20	32.8	1.29	52.6	2.07	16	5/8	17	11/16
5R06-06FJ	5/16	9/16 - 18	35.6	1.40	58.7	2.31	17	11/16	20	13/16
5R08-08FJ	13/32	3/4 - 16	39.9	1.57	72.1	2.84	22	7/8	24	1
5R10-10FJ	1/2	7/8 - 14	42.4	1.67	77.7	3.06	24	1	28	1 1/8
5R12-12FJ	5/8	1 1/16 - 12	48.8	1.92	88.9	3.50	32	1 1/4	32	1 1/4
5R16-16FJ	7/8	1 5/16 - 12	48.8	1.92	80.8	3.18	38	1 1/2	35	1 7/16
5R20-20FJ	1 1/8	1 5/8 - 12	51.6	2.03	85.6	3.37	50	2	43	1 3/4
5R24-24FJ	1 3/8	1 7/8 - 12	56.6	2.23	92.7	3.65	57	2 1/4	50	2
5R32-32FJ	1 13/16	2 1/2 - 12	65.3	2.57	112.5	4.43	73	2 7/8	55	2 1/2

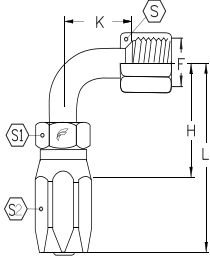
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FJ45 JIC 37° Female Swivel - 45° Elbow



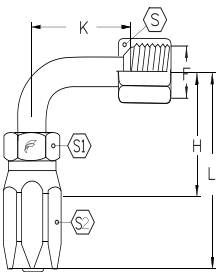
Part Number		F	H		L		K					
	in		mm	in	mm	in	mm	in	mm	in	mm	in
5R04-04FJ45	3/16	7/16 - 20	27.9	1.10	46.7	1.84	8.1	0.32	14	9/16	14	9/16
5R05-05FJ45	1/4	1/2 - 20	32.5	1.28	26.9	1.06	8.9	0.35	15	5/8	14	9/16
5R06-06FJ45	5/16	9/16 - 18	33.5	1.32	56.6	2.23	9.9	0.39	17	11/16	14	9/16
5R08-08FJ45	13/32	3/4 - 16	46.7	1.84	75.7	2.98	13.7	0.54	22	7/8	17	11/16
5R10-10FJ45	1/2	7/8 - 14	49.5	1.95	82.0	3.23	15.7	0.62	25	1	22	7/8
5R12-12FJ45	5/8	1 1/16 - 12	56.1	2.21	96.0	3.78	19.3	0.76	32	1 1/4	28	1 1/8
5R16-16FJ45	7/8	1 5/16 - 12	56.6	2.23	90.4	3.56	22.6	0.89	38	1 1/2	34	1 3/8




FJ90 JIC 90° Female Swivel - 90° Elbow



Part Number		F	H		L		K					
	in		mm	in	mm	in	mm	in	mm	in	mm	in
5R04-04FJ90	3/16	7/16 - 20	25.4	1.00	44.4	1.75	17.3	0.68	14	9/16	14	9/16
5R05-05FJ90	1/4	1/2 - 20	30.0	1.18	49.8	1.96	19.3	0.76	15	5/8	14	9/16
5R06-06FJ90	5/16	9/16 - 18	31.2	1.23	53.8	2.12	21.3	0.84	17	11/16	17	11/16
5R08-08FJ90	13/32	3/4 - 16	40.6	1.60	69.8	2.75	27.7	1.09	22	7/8	26	1 1/16
5R10-10FJ90	7/8	7/8 - 14	41.9	1.65	74.4	2.93	31.2	1.23	25	1	22	7/8
5R12-12FJ90	5/8	1 1/16 - 12	55.1	2.17	95.2	3.75	50	1.81	32	1 1/4	31	1 1/4
5R16-16FJ90	7/8	1 5/16 - 12	57.9	2.28	89.9	3.54	54.3	2.14	38	1 1/2	38	1 1/2

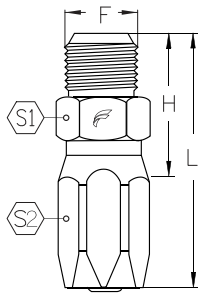
FJ90L JIC 37° Female Swivel - 90° Elbow Long Drop






Part Number		F	H		L		K					
	in		mm	in	mm	in	mm	in	mm	in	mm	in
5R04-04FJ90L	3/16	7/16 - 20	25.4	1.00	44.4	1.75	45.5	1.79	14	9/16	14	9/16
5R05-05FJ90L	1/4	1/2 - 20	30.0	1.18	49.8	1.96	45.2	1.78	15	5/8	14	9/16
5R06-06FJ90L	5/16	9/16 - 18	31.2	1.23	53.8	2.12	55.4	2.18	17	11/16	17	11/16
5R08-08FJ90L	13/32	3/4 - 16	40.6	1.60	69.8	2.75	61.7	2.43	22	7/8	22	7/8
5R10-10FJ90L	1/2	7/8 - 14	41.9	1.65	74.4	2.93	65.0	2.56	25	1	26	1 1/16
5R12-12FJ90L	5/8	1 1/16 - 12	55.1	2.17	95.2	3.75	94.7	3.73	32	1 1/4	31	1 1/4
5R16-16FJ90L	7/8	1 5/16 - 12	57.9	2.28	89.9	3.54	109.7	4.32	38	1 1/2	38	1 1/2

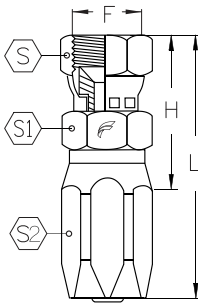
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MA SAE 45° Male



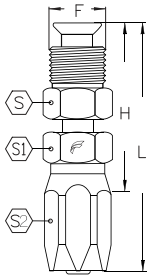
Part Number		F	H		L					
	in		mm	in	mm	in	mm	in	mm	in
5R06-06MA	5/16	9/16 - 18	32.5	1.28	55.4	2.18	20	13/16	17	11/16
5R12-12MA	5/8	1 1/16 - 14	49.0	1.93	88.9	3.50	32	1 1/4	28	1 1/8




FA SAE 45° Female Swivel



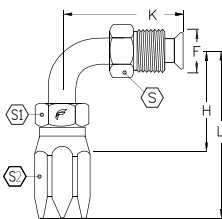
Part Number		F	H		L					
	in		mm	in	mm	in	mm	in	mm	in
5R06-06FA	5/16	9/16 - 18	36.3	1.43	57.6	2.27	20	13/16	19	3/4
5R12-12FA	5/8	1 1/16 - 14	48.8	1.92	88.9	3.50	32	1 1/4	32	1 1/4




MIX SAE Inverted Male Swivel



Part Number		F	H		L					
	in		mm	in	mm	in	mm	in	mm	in
5R06-06MIX	5/16	9/16 - 18	46.0	1.81	68.8	2.71	12	1/2	20	13/16

MIX90 SAE Inverted Male Swivel - 90° Elbow



Part Number		F	H		L					
	in		mm	in	mm	in	mm	in	mm	in
5R06-06MIX90	5/16	9/16 - 18	45.3	1.78	67	2.63	12	1/2	20	13/16

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