Eaton EC038 DOT All Air Brake Hose and Brass Crimp and Reusable Fittings

Eaton's EC038 DOT Air Brake Hose and Brass Fittings for On-Highway Vehicles

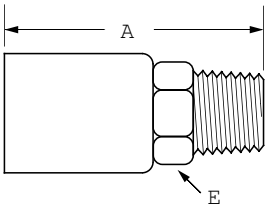
Eaton's EC038 hose with crimp or reusable brass connectors are critical high quality components designed to meet all SAE and DOT air brake assembly requirements. The EC038 program is an engineered system of hose and connectors designed for durability. EC038 is manufactured with a highly engineered EPDM tube and cover and reinforced with a traditional polyester braid, delivering performance and value to the customer. Approved temperature range for EC038 is -40°F to +212°F (-40°C to +100°C).

EC038 Hose

Part Number	Hose ID		Hose OD		Working Pressure		Maximum Burst Pressure		Minimum Bend Radius		HoseWeight		Lengths
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs./ft.	250 foot reels
EC03806-250R	9,5	.38	19,1	.75	15,5	225	62,1	900	45,0	1.75	.31	.21	Max 3 lengths
EC03808-250R	12,7	.50	22,2	.88	15,5	225	62,1	900	51,0	2.00	.40	.27	Max 3 lengths

Brass Crimp Fittings

Male Pipe Rigid



Part Number	Thread	Hose Size	A		E (Hex)		Hose Cut-Off	
			mm	in	mm	in	mm	in
33806P-104	1/4-18	-06	44,2	1.74	14,3	9/16	19,5	.75
33806P-106	3/8-18	-06	44,2	1.74	17,5	11/16	20,6	.75
33806P-108	1/2-14	-06	50,0	1.97	22,2	7/8	25,4	1.00
33808P-106	3/8-18	-08	44,2	1.74	17,5	11/16	20,6	.75
33808P-108	1/2-14	-08	50,0	1.97	22,2	7/8	25,4	1.00

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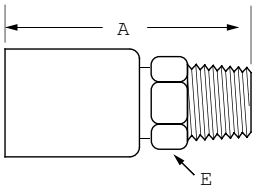
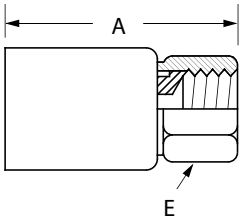
Male Pipe Swivel



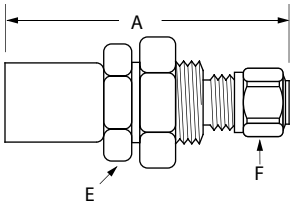
Part Number	Thread	Hose Size	A		E (Hex)		Hose Cut-Off	
			mm	in	mm	in	mm	in
33806P-J06	3/8-18	-06	42,2	1.66	17,5	11/16	16,8	.66

SAE 45° Female Swivel



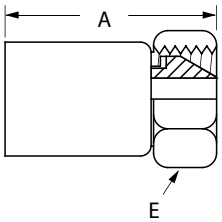
Part Number	Thread	Hose Size	A		E (Hex)		Hose Cut-Off	
			mm	in	mm	in	mm	in
33806P-406	5/8-18	-06	45,0	1.77	19,1	3/4	19,6	.77
33808P-408	3/4-16	-08	48,5	1.91	22,2	7/8	23,1	.91

Air Brake Slider Line



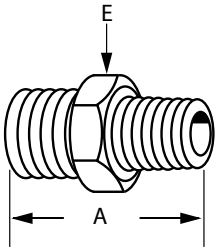
Part Number	Thread	Hose Size	A		E (Hex)		F (Hex)		Hose Cut-Off	
			mm	in	mm	in	mm	in	mm	in
33806P-Y66	17/32-24	-06	72,6	2.86	26,9	1 1/16	15,9	5/8	21,8	.86
33806P-Y68	11/16-20	-06	75,4	2.97	26,9	1 1/16	20,6	13/16	50,0	1.97
33808P-Y68	11/16-20	-08	68,8	2.71	22,2	7/8	20,6	13/16	43,4	1.71

Air Brake Swivel



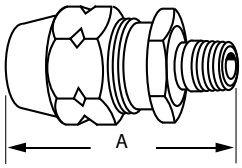
Part Number	Thread	Hose Size	A		E (Hex)		Hose Cut-Off	
			mm	in	mm	in	mm	in
33806P-Y76	3/4-20	-06	40,6	1.60	22,2	7/8	15,2	.60
33808P-Y76	3/4-20	-08	40,6	1.60	22,2	7/8	15,2	.60
33808P-Y78	7/8-20	-08	40,6	1.60	25,4	1.00	15,2	.60

Adapter



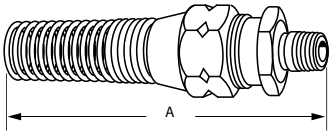
Part Number	Thread	ABS Thread Size		A		Pipe Size		E (Hex)	
		mm	in	mm	in	mm	in	mm	in
1390X6	3/4-20	9,5	3/8	28,7	1.18	6,4	1/4	19,1	3/4
1390X6X6	3/4-20	9,5	3/8	28,7	1.18	9,5	3/8	19,1	3/4
1390X6X8	3/4-20	9,5	3/8	34,8	1.37	12,7	1/2	22,2	7/8
1390X8	7/8-20	12,7	1/2	28,7	1.18	9,5	3/8	22,2	7/8
1390X8X8	7/8-20	12,7	1/2	34,8	1.37	12,7	1/2	22,2	7/8

Male Connector



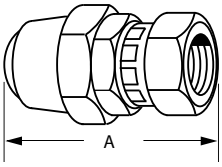
Part Number	Hose Size	Pipe Size		A		Hose Cut-Off	
		mm	in	mm	in	mm	in
33806B-Y24	-06	6,4	1/4	57,4	2.26	18,8	.74
33806B-Y26	-06	9,5	3/8	59,7	2.35	20,6	.81
33806B-Y28	-06	12,7	1/2	62,2	2.45	22,9	.90
33808B-Y26	-08	9,5	3/8	56,9	2.24	19,1	.75
33808B-Y28	-08	12,7	1/2	61,0	2.40	22,9	.90

Male Connector with Spring Guard



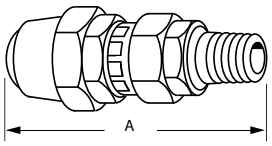
Part Number	Hose Size	Pipe Size		A		Hose Cut-Off	
		mm	in	mm	in	mm	in
33806B-Y34	-06	6,4	1/4	119,9	4.72	19,1	.75
33806B-Y36	-06	9,5	3/8	121,4	4.78	20,6	.81
33806B-Y38	-06	12,7	1/2	124,0	4.88	22,9	.90
33808B-Y36	-08	9,5	3/8	126,2	4.97	19,1	.75
33808B-Y38	-08	12,7	1/2	130,0	5.12	22,9	.90

Female Connector



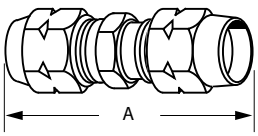
Part Number	Hose Size	ABS Thread Size	A		Hose Cut-Off	
			mm	in	mm	in
33806B-Y76	-06	3/4-20	61,0	2.40	21,3	.84
33808B-Y78	-08	7/8-20	62,2	2.45	22,9	.90

Female Connector with Adapter



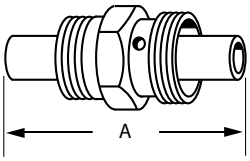
Part Number	Thread	Hose Size	A		Hose Cut-Off	
			mm	in	mm	in
33806B-Y84	3/4-20	-06	84,6	3.33	45,5	1.75
33806B-Y86	3/4-20	-06	84,6	3.33	45,5	1.75
33808B-Y86	7/8-20	-08	85,1	3.35	45,7	1.80

Hose Mender



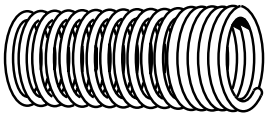
Part Number	Hose Size	A	
		mm	in
33806B-Y06	-06	85,1	3.35
33808B-Y08	-08	84,3	3.32

Hose Mender (Body Only)



Part Number	Hose Size	A	
		mm	in
33806-E	-06	64,8	2.55

Spring Guard



Part Number	Hose Size
33806-C	-06
33808-C	-08

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