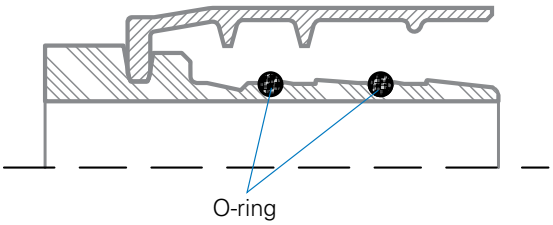
Eaton® EJ Series Crimp Fittings

EJ Series Crimp Fittings are Approved for More Than Just Steam Hose

"Bite the Wire" type technology



Eaton has expanded the list of hoses qualified with the EJ series fitting. The EJ series high performance hose fitting has a unique nipple design that incorporates two O-ring seals which prevents leakage under extreme operating conditions. The dual O-ring seal design compensates for the loss of rubber compression as the hose ages providing longer hose assembly life. In addition, this new higher performance fitting incorporates a "Bite the Wire" type technology that ensures hose to fitting performance integrity. Purchasing the hose and fitting from Eaton and crimping to the recommended crimp diameters will provide hose assemblies that will perform even in the most demanding applications offering longer assembly life compared to competitive products.

Hose Products for EJ Series

The EJ Series crimp fitting will work with the following list of hose part numbers in sizes -08, -12, -16 only

H9690	Hydrocarbon Drain Hose
H6002	Concord Air Hose
H6008	Concord Yellow Jack Hose
H9622	Contractors Air Hose
EH080, EH081, EH084*	Steam Slayer
H99568*	Concord 250
H9682*	Concord 250 O.R.
H6027*	200 L.L. Steam Hose

* Refer to bulletin # E-HOOV-MR012-E for steam hose applications

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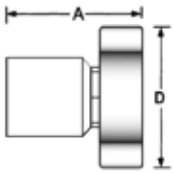
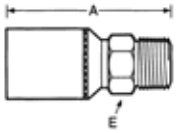
EJ Series Crimp Fittings

Wing Nut Swivel Ground Joint



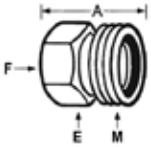
Part Number	Hose I.D.		Thread Size	DIM A		Hole Dia		DIM D	
	mm	in	NPSM	mm	in	mm	in	mm	in
EJ5323-0808S	12,7	0.50	$1^1/_2 – 11^1/_2$	72,3	2.85	12,7	0.50	60,5	2.38
EJ5323-1212S	19,1	0.75	$1^1/_2 – 11^1/_2$	72,3	2.85	12,7	0.50	90,4	3.56
EJ5323-1216S	25,4	1.00	$1^1/_2 – 11^1/_2$	72,3	2.85	12,7	0.50	90,4	3.56

Male Pipe (NPTF) Rigid



Part Number	Hose I.D.		Thread Size	DIM A		Hole Dia		Hex E	
	mm	in	NPTF	mm	in	mm	in	mm	in
EJ5324-0808S	12,7	0.50	$^1/_2 – 14$	76,5	3.01	9,10	0.36	22,2	0.875
EJ5324-1212S	19,1	0.75	3/4 – 14	77,8	3.08	15,5	0.61	30,2	1.188
EJ5324-1616S	25,4	1.00	$1 – 11^1/_2$	82,6	3.25	20,6	0.81	34,9	1.375

Female Spud



Part Number	Hose I.D.		Thread Size (M)	Thread Size (F)	DIM A		Hole Dia		Hex E	
	mm	in	NPSM	NPTF	mm	in	mm	in	mm	in
FF91058-08S	12,7	0.50	$1^1/_2 – 11^1/_2$	$1^1/_2 – 14$	30,1	1.185	9,10	0.36	50,8	2.00
FF91058-12S	19,1	0.75	$1^1/_2 – 11^1/_2$	$^3/_4 – 14$	30,1	1.185	15,5	0.61	50,8	2.00
FF91058-16S	25,4	1.00	$1^1/_2 – 11^1/_2$	$1 – 11^1/_2$	30,1	1.185	20,6	0.81	50,8	2.00

Hose Products

The EJ Series fitting will work with the following additional hoses.

H6002
Concord Air Hose

H600208	Crimp Diameter		Machine	Collet / Jaws	Spacer Ring/Color	Flat
Aeroquip Crimp Specs	30.30 ± 0.15 mm	1.194 ± 0.006 in.	FT1380	FT 1380-200-M280		
			ET1295DC	ET1295DC-M280S		
			ET4040DC	ET4040DC-M280S		
			FT1307	FT1307-200-M280		
Weatherhead Crimp Specs	30.30 ± 0.15 mm	1.194 ± 0.006 in.	ET1000DC	ET1000DC-M295S	T-420-29 OR	FSU*
			ET4000DC	ET4000DC-M295S	T-410-93 OR	FSU*

H600212	Crimp Diameter		Machine	Collet / Jaws	Spacer Ring/Color	Flat
Aeroquip Crimp Specs	35.94 ± 0.15 mm	1.415 ± 0.006 in.	FT1380	FT 1380-200-M320		
			ET1295DC	ET1295DC-M320S		
			ET4040DC	ET4040DC-M320S		
			FT1307	FT1307-200-M320		
Weatherhead Crimp Specs	35.94 ± 0.15 mm	1.415 ± 0.006 in.	ET4000DC	ET4000DC-4S12	T-440-81R BK / OR	FSU*

H600216	Crimp Diameter		Machine	Collet / Jaws	Spacer Ring/Color	Flat
Aeroquip Crimp Specs	41.79± 0.16 mm	1.645 ± 0.006 in.	FT1380	FT 1380-200-M420		
			ET1295DC	ET1295DC-M420S		
			ET4040DC	ET4040DC-M420S		
			FT1307	FT1307-200-M420		
Weatherhead Crimp Specs	41.79± 0.16 mm	1.645 ± 0.006 in.	T-440	T-440-6CN	BK / BU T-440-82R	FSU*
			T-420	T-420-6CN	BK / BU T-420-82R	FSU*

* Flat Side Up

Hose Products

H9690

Hydrocarbon Drain Hose

H969012	Crimp Diameter		Machine	Collet / Jaws	Spacer Ring/Color	Flat
Aeroquip Crimp Specs	35.94 ± 0.15 mm	1.415 ± 0.006 in.	FT1380	FT 1380-200-M320		
	35.94 ± 0.15 mm	1.415 ± 0.006 in.	ET1295DC	ET1295DC-M320S		
	35.94 ± 0.15 mm	1.415 ± 0.006 in.	ET4040DC	ET4040DC-M320S		
	35.94 ± 0.15 mm	1.415 ± 0.006 in.	FT1307	FT1307-200-M320		
Weatherhead Crimp Specs	35.94 ± 0.15 mm	1.415 ± 0.006 in.	ET4000	ET4000DC-4S12	T-440-81R BK / OR	FSU*

* Flat Side Up

H6008

Concord Yellow Jack Air Hose

H600808	Crimp Diameter		Machine	Collet / Jaws	Spacer Ring/Color	Flat
Aeroquip Crimp Specs	30.38 ± 0.15 mm	1.196 ± 0.006 in.	FT1380	FT 1380-200-M280		
			ET1295DC	ET1295DC-M280S		
			ET4040DC	ET4040DC-M280S		
			FT1307	FT1307-200-M280		
Weatherhead Crimp Specs	30.38 ± 0.15 mm	1.196 ± 0.006 in.	ET1000DC	ET1000DC-M295S	T-420-29 OR	FSU*
			ET4000DC	ET4000DC-M295S	T-410-93 OR	FSU*

H600812	Crimp Diameter		Machine	Collet / Jaws	Spacer Ring/Color	Flat
Aeroquip Crimp Specs	35.94 ± 0.15 mm	1.415 ± 0.006 in.	FT1380	FT 1380-200-M320		
			ET1295DC	ET1295DC-M320S		
			ET4040DC	ET4040DC-M320S		
			FT1307	FT1307-200-M320		
Weatherhead Crimp Specs	35.94 ± 0.15 mm	1.415 ± 0.006 in.	ET4000DC	ET4000DC-4S12	T-440-81R BK/OR	FSU*

H600816	Crimp Diameter		Machine	Collet / Jaws	Spacer Ring/Color	Flat
Aeroquip Crimp Specs	41.79 ± 0.16 mm	1.645 ± 0.006 in	FT1380	FT 1380-200-M420		
			ET1295DC	ET1295DC-M420S		
			ET4040DC	ET4040DC-M420S		
			FT1307	FT1307-200-M420		
Weatherhead Crimp Specs	41.79 ± 0.16 mm	1.645 ± 0.006 in.	T-440	T-440-6CN	BK / BU T-440-82R	FSU*
			T-420	T-420-6CN	BK / BU T-420-82R	FSU*

* Flat Side Up

H9622

Contractors Air Hose

H962208	Crimp Diameter		Machine	Collet / Jaws	Spacer Ring/Color	Flat
Aeroquip Crimp Specs	28.96 ± 0.15 mm	1.140± 0.006 in.	FT1380	FT 1380-200-M280		
Weatherhead Crimp Specs	28.96 ± 0.15 mm	1.140± 0.006 in.	ET1000	ET1000DC-M295S	ET420SR-M660A Black	FSU*

H962212	Crimp Diameter		Machine	Collet / Jaws	Spacer Ring/Color	Flat
Aeroquip Crimp Specs	33.96 ± 0.15 mm	1.337 ± 0.006 in.	FT1380	FT 1380-200-M320		
			ET1295DC	ET1295DC-M320S		
			ET4040DC	ET4040DC-M320S		
			FT1307	FT1307-200-M320		
Weatherhead Crimp Specs	33.96 ± 0.15 mm	1.337 ± 0.006 in.	ET4000SR	T410-5CN	ET4000SR-M405A Brn	FSU*

H962216	Crimp Diameter		Machine	Collet / Jaws	Spacer Ring/Color	Flat
Aeroquip Crimp Specs	41.40 ± 0.15 mm	1.630 ± 0.006 in.	FT1380	FT 1380-200-M420		
			ET1295DC	ET1295DC-M420S		
			ET4040DC	ET4040DC-M420S		
			FT1307	FT1307-200-M420		
Weatherhead Crimp Specs	41.40 ± 0.15 mm	1.630 ± 0.006 in.	ET1000	T-420-6CN	ET420SR-M495A Brn	FSU*
			ET1000	T-440-6CN	ET4000SR-M405A Brn	FSU*

* Flat Side Up

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