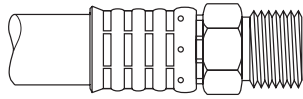


# Coll-O-Crimp

## 'E' Series

†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

### Hose End 'E' Series



Refer to the Weatherhead Hose End and Tool Selector Chart W-HOOV-TM001-E for Qualified Sizes.

#### ⚠ WARNING

For PTFE hose applications, 'E' Series fittings must be used with H243 and H277 .030" thin wall hose only.

#### Ordering Information:

Order individually by catalog number.

⚠ Refer to important safety information on page 4.

#### Typical Application:

General purpose low- and medium-pressure hydraulics. Use H277 or H435 where shock hazards exist.

**Compatible Hose:** H009; H209; H243; H265; H275; H277; H285; H435; H436

**Pressure:** Determined by maximum working pressure for hose size and hose end configuration whichever is lesser. See page 16 for working pressure ratings for hose end configurations.

**Material:** Low Carbon Steel

**Plating:** Zinc; yellow dichromate finish

**Advantages:** Wide selection of hose and end configurations allowing for a diverse number of applications where hose compatibility is a problem.

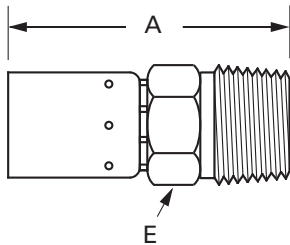
**Assemble With:** ET1000, ET4000, T-400-1, T-410-1, T-420-1, T-440-1, T-460, T-462, T-465-1, T480.

**Label Set:** FS-1200

#### Note:

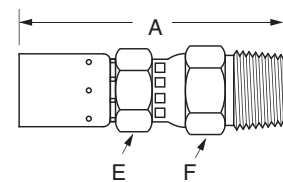
Refer to current price list for availability of cataloged items. Configurations and dimensions subject to change without notice.

### Male Pipe Rigid



HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
3/16	1/8	03E-102	1/8-27	1.58	.75	.09	7/16
3/16	1/4	03E-104	1/4-18	1.83	1.00	.09	9/16
1/4	1/8	04E-102	1/8-27	1.60	.75	.16	7/16
1/4	1/4	04E-104	1/4-18	1.79	1.00	.16	9/16
1/4	3/8	04E-106	3/8-18	1.82	1.00	.16	11/16
5/16	1/4	05E-104	1/4-18	1.86	.94	.22	9/16
5/16	3/8	05E-106	3/8-18	1.89	1.00	.22	11/16
3/8	1/4	06E-104	1/4-18	1.90	1.00	.27	9/16
3/8	3/8	06E-106	3/8-18	1.93	1.00	.27	11/16
3/8	1/2	06E-108	1/2-14	2.17	1.25	.27	7/8
1/2	3/8	08E-106	3/8-18	2.02	1.00	.38	3/4
1/2	1/2	08E-108	1/2-14	2.27	1.25	.38	7/8
3/4	3/4	12E-112	3/4-14	2.51	1.31	.61	1-1/16
1	1	16E-116	1-11-1/2	2.95	1.63	.84	1-3/8

### Male Pipe Swivel



HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	04E-J04	1/4-18	2.68	1.81	.16	5/8	13/16
5/16	1/4	05E-J04	1/4-18	2.75	1.81	.22	5/8	13/16
3/8	3/8	06E-J06	3/8-18	2.79	1.81	.27	11/16	7/8
1/2	1/2	08E-J08	1/2-14	3.03	2.00	.39	3/4	7/8
3/4	3/4	12E-J12	3/4-14	3.73	2.50	.61	1-1/4	1-1/4

#### Note:

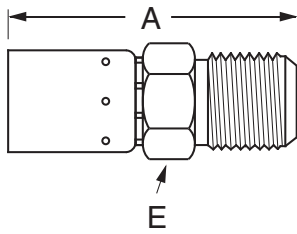
Swivel for installation purposes only. (Not for temperatures above 212°F.)

# Coll-O-Crimp

## 'E' Series

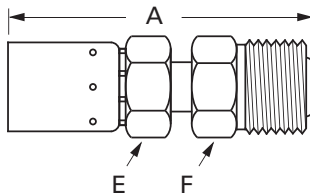
†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

### JIC 37° Male Rigid



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
1/4	1/4	04E-504	7/16-20	1.78	.94	.16	1/2
1/4	5/16	04E-505	1/2-20	1.78	.94	.19	9/16
1/4	3/8	04E-506	9/16-18	1.82	1.00	.22	5/8
5/16	5/16	05E-505	1/2-20	1.86	.94	.22	9/16
3/8	3/8	06E-506	9/16-18	1.92	1.00	.27	5/8
3/8	1/2	06E-508	3/4-16	2.08	1.19	.27	13/16
1/2	1/2	08E-508	3/4-16	2.18	1.19	.27	13/16
1/2	5/8	08E-510	7/8-14	2.31	1.25	.42	15/16
3/4	3/4	12E-512	1-1/16-12	2.63	1.44	.61	1-1/8
1	1	16E-516	1-5/16-12	2.83	1.50	.84	1-3/8

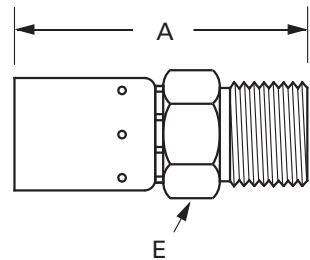
### Inverted Male Swivel Straight



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	3/16	04E-B03	3/8-24	3.06	2.19	.12	7/16	3/8
1/4	1/4	04E-B04	7/16-24	2.44	1.63	.15	7/16	7/16
1/4	5/16	04E-B05	1/2-20	3.71	2.88	.16	7/16	1/2
5/16	5/16	05E-B05	1/2-20	2.57	1.61	.21	9/16	1/2
3/8	5/16	06E-B05	1/2-20	2.56	1.63	.21	9/16	1/2
3/8	3/8	06E-B06	5/8-18	2.81	1.81	.24	5/8	5/8
1/2	1/2	08E-B08	3/4-18	3.14	2.06	.33	3/4	3/4

### Air Brake Connection - Tube

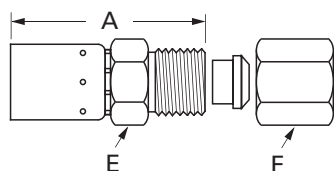
(For Use With H243 PTFE Hose Only)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	TUBE SIZE	CATALOG NUMBER SLEEVE	CATALOG NUMBER NUT
1/2	1/2	08E-Y58	11/16-20	2.12	1.06	.38	3/4	3/8	1360x6	1361x6
1/2	5/8	08E-Y60	13/16-18	2.18	1.13	.38	7/8	1/2	1360x8	1361x8
3/4	5/8	12E-Y60	13/16-18	2.31	1.13	.53	1	5/8	1360x10	1361x10
3/4	3/4	12E-Y62	1-18	2.38	1.19	.61	1	3/4	1360x12	1361x12

### Hose to Copper Tubing

### Flareless Tube Rigid (With Ermeto Nut and Sleeve)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
5/16	3/8	05E-756	9/16-18	1.88	1.00	.22	5/8	11/16
3/8	5/16	06E-755	1/2-20	1.78	.88	.23	9/16	5/8
3/8	3/8	06E-756	9/16-18	1.82	.88	.27	5/8	11/16
1/2	1/2	08E-758	3/4-16	2.08	1.06	.38	13/16	7/8

For replacement Nuts and Sleeves, see pages 310-311.

APPLICATION DATA  
LOW & MEDIUM PRESSURE HOSE  
HIGH PRESSURE HOSE  
SPECIALTY HOSE  
ACCESSORIES & ASSEMBLY INSTRUCTIONS  
ADAPTERS & TUBE HOSE ENDS  
HOSE ASSEMBLY EQUIPMENT  
TECHNICAL DATA

# Coll-O-Crimp

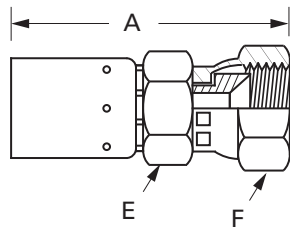
## 'E' Series

†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

<sup>a</sup>Swivel nuts are universal – both SAE 37° and 45° connections.

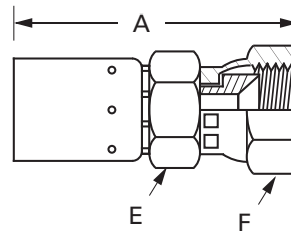
### JIC 37° Female Swivel

(Exceptions Noted)



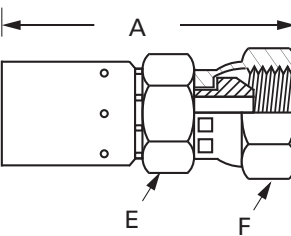
HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
3/16	1/4	03E-604 <sup>a</sup>	7/16-20	1.89	1.00	.09	7/16	9/16
1/4	1/4	04E-604 <sup>a</sup>	7/16-20	1.92	1.13	.16	7/16	9/16
1/4	5/16	04E-605 <sup>a</sup>	1/2-20	2.00	1.19	.16	1/2	5/8
1/4	3/8	04E-606	9/16-18	2.06	1.25	.16	9/16	11/16
5/16	5/16	05E-605 <sup>a</sup>	1/2-20	2.07	1.19	.22	1/2	5/8
5/16	3/8	05E-606	9/16-18	2.12	1.19	.22	9/16	11/16
3/8	3/8	06E-606	9/16-18	2.19	1.25	.27	9/16	11/16
3/8	1/2	06E-608 <sup>a</sup>	3/4-16	2.30	1.38	.27	3/4	7/8
1/2	1/2	08E-608 <sup>a</sup>	3/4-16	2.39	1.38	.38	3/4	7/8
1/2	5/8	08E-610 <sup>a</sup>	7/8-14	2.51	1.50	.38	7/8	1
3/4	3/4	12E-612	1-1/16-12	2.76	1.56	.61	1	1-1/4
1	1	16E-616	1-5/16-12	3.05	1.75	.84	1-1/4	1-1/2

### SAE 45° Female Swivel



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
5/16	3/8	05E-406	5/8-18	2.03	1.13	.22	9/16	3/4
3/8	3/8	06E-406	5/8-18	2.06	1.13	.27	9/16	3/4
3/4	3/4	12E-412	1-1/16-14	2.76	1.56	.61	1	1-1/4

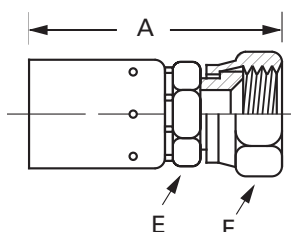
### British Standard (BSP) 60° Cone Female Pipe Swivel



HOSE I.D.	BSP PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
3/16	1/4	03E-354	G-1/4-19*	2.01	1.19	.16	9/16	11/16
1/4	1/4	04E-354	G-1/4-19*	2.07	1.25	.16	9/16	3/4
3/8	3/8	06E-356	G-3/8-19*	2.09	1.13	.27	3/4	7/8
3/8	1/2	06E-358	G-1/2-14*	2.47	1.50	.27	13/16	1
1/2	1/2	08E-358	G-1/2-14*	2.56	1.50	.39	13/16	1
1/2	5/8	08E-360	G-5/8-14*	2.70	1.63	.39	7/8	1-3/16
3/4	3/4	12E-362	G-3/4-14*	2.94	1.69	.61	1	1-1/4
1	1	16E-366	G-1-11*	3.38	2.00	.84	1-1/4	1-1/2

\*G As Part of Thread Size is ISO Designation for Parallel Thread.

### Female Swivel JIS 30° Flare Parallel Pipe Swivel



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	04E-04L	G-1/4-19*	2.03	1.19	.16	9/16	3/4
3/8	3/8	06E-06L	G-3/8-19*	2.22	1.25	.27	11/16	7/8
1/2	1/2	08E-08L	G-1/2-14*	2.30	1.25	.39	13/16	1-1/16
3/4	3/4	12E-12L	G-3/4-14*	2.75	1.50	.81	1	1-5/16
1	1	16E-16L	G-1-11*	3.15	1.81	.84	1-1/4	1-1/2

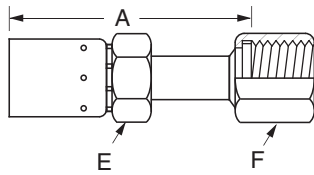
\*G As Part of Thread Size is ISO Designation for Parallel Thread.

# Coll-O-Crimp

## 'E' Series

†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

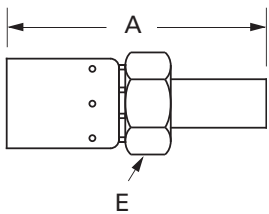
### Female FOR-SEAL Swivel Straight



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	04E-S64	9/16-18	2.14	1.31	.15	5/8	11/16
1/4	3/8	04E-S66	11/16-16	2.20	1.38	.16	5/8	13/16
5/16	3/8	05E-S66	11/16-16	2.28	1.38	.22	9/16	13/16
3/8	3/8	06E-S66	11/16-16	2.37	1.44	.24	9/16	13/16
3/8	1/2	06E-S68	13/16-16	2.65	1.69	.24	5/8	15/16
1/2	1/2	08E-S68	13/16-16	2.74	1.69	.33	3/4	15/16
1/2	5/8	08E-S70	1-14	2.83	1.81	.39	3/4	1-1/8
3/4	3/4	12E-S72	1-3/16-12	3.10	1.88	.59	1	1-3/8
1	1	16E-S76	1-7/16-12	3.76	2.44	.78	1-1/4	1-5/8

### Straight Tube - Brass

(For Use With H243 PTFE Hose Only)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
1/2	1/2	08E-T58	3.32	2.31	.39	3/4
1/2	5/8	08E-T60	3.45	2.44	.47	3/4
3/4	5/8	12E-T60	3.66	2.44	.47	1
3/4	3/4	12E-T62	4.00	2.81	.61	1

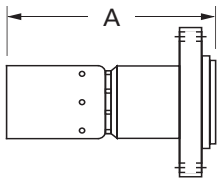
Insert - Brass  
Collar - Steel

Compatible Air Brake Nuts & Sleeves (order Separately)

TUBE SIZE	CATALOG NUMBER SLEEVE	CATALOG NUMBER NUT
1/2	1360x8	1361x8
5/8	1360x10	1361x10
3/4	1360x12	1361x12

### Compressor Discharge Flange End - GM Bus Only

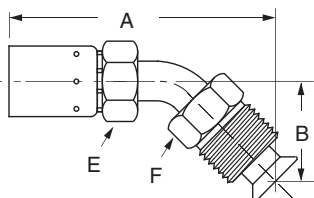
(For Use With H243 PTFE Hose Only)



HOSE I.D.	CATALOG NUMBER	A	HOSE CUT-OFF FACTOR†	HOLE DIA.
3/4	12E-X92	2.64	1.38	.61

**Note:**  
Part will not crimp in T-420 press.

### Inverted Male Swivel 45° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	3/16	04E-B43	3/8-24	2.82	.69	2.00	.12	7/16	3/8
1/4	1/4	04E-B44	7/16-24	2.94	.93	2.13	.15	7/16	7/16
3/8	5/16	06E-B45	1/2-20	3.37	1.14	2.44	.21	9/16	1/2
3/8	3/8	06E-B46	5/8-18	3.63	1.34	2.69	.24	5/8	5/8
1/2	1/2	08E-B48	3/4-18	4.32	1.58	3.25	.33	3/4	3/4
1/2	5/8	08E-B50	7/8-18	4.45	1.75	3.44	.39	3/4	7/8

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HOSE ASSEMBLY EQUIPMENT  
TECHNICAL DATA

# Coll-O-Crimp

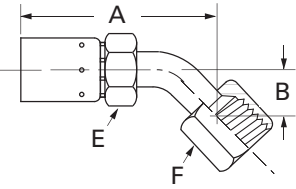
## 'E' Series

†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

<sup>a</sup>Swivel nuts are universal – both SAE 37° and 45° connections.

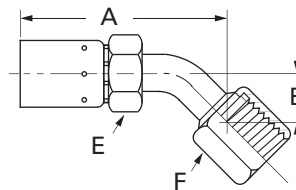
### JIC 37° Female Swivel 45° Tube Elbow

(Exceptions Noted)



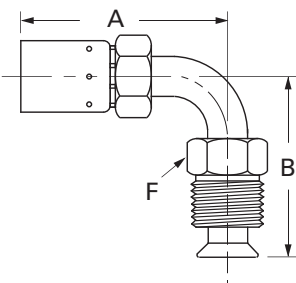
HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	04E-684 <sup>a</sup>	7/16-20	2.37	.33	1.56	.15	7/16	9/16
1/4	5/16	04E-685 <sup>a</sup>	1/2-20	2.50	.36	1.63	.16	7/16	5/8
5/16	3/8	05E-686	9/16-18	2.65	.39	1.69	.22	9/16	11/16
3/8	3/8	06E-686	9/16-18	2.74	.39	1.75	.24	5/8	11/16
3/8	1/2	06E-688 <sup>a</sup>	3/4-16	2.99	.56	2.00	.27	5/8	7/8
1/2	1/2	08E-688 <sup>a</sup>	3/4-16	2.88	.56	1.78	.33	3/4	7/8
1/2	5/8	08E-690 <sup>a</sup>	7/8-14	3.28	.63	2.25	.39	3/4	1
3/4	3/4	12E-692	1-1/16-12	3.72	.78	2.38	.58	1	1-1/4
1	1	16E-696	1-5/16-12	4.67	1.10	3.31	.83	1-1/4	1-1/2

### Female FOR-SEAL Swivel 45° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	04E-L64	9/16-18	2.46	.41	1.63	.15	7/16	11/16
1/4	3/8	04E-L66	11/16-16	2.69	.43	1.75	.15	5/8	13/16
5/16	3/8	05E-L66	11/16-16	2.70	.43	1.75	.22	9/16	13/16
3/8	3/8	06E-L66	11/16-16	2.79	.43	1.81	.24	5/8	13/16
1/2	1/2	08E-L68	13/16-16	3.14	.60	2.13	.33	3/4	15/16
3/4	3/4	12E-L72	1-3/16-12	3.83	.83	2.63	.59	1	1-3/8
1	1	16E-L76	1-7/16-12	4.31	.94	3.00	.76	1-1/4	1-5/8

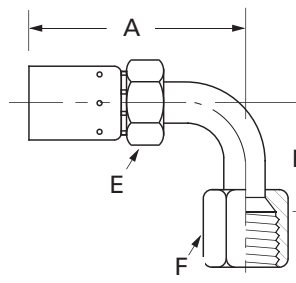
### Inverted Male Swivel 90° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	3/16	04E-B63	3/8-24	2.23	1.06	1.38	.12	7/16	3/8
1/4	1/4	04E-B64	7/16-24	2.25	1.36	1.31	.15	7/16	7/16
3/8	5/16	06E-B65	1/2-20	2.49	1.61	1.56	.21	9/16	1/2
3/8	3/8	06E-B66	5/8-18	2.92	1.97	1.94	.24	5/8	5/8
1/2	1/2	08E-B68	3/4-18	3.03	2.32	2.00	.33	3/4	3/4

### JIC 37° Female Swivel 90° Tube Elbow

(Exceptions Noted)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	04E-664 <sup>a</sup>	7/16-20	2.27	.68	1.44	.15	7/16	9/16
1/4	5/16	04E-665 <sup>a</sup>	1/2-20	2.47	.77	1.63	.16	7/16	5/8
5/16	5/16	05E-665 <sup>a</sup>	1/2-20	2.58	.77	1.63	.21	9/16	5/8
5/16	3/8	05E-666	9/16-18	2.57	.85	1.62	.22	9/16	11/16
3/8	3/8	06E-666	9/16-18	2.63	.85	1.68	.24	5/8	11/16
3/8	1/2	06E-668 <sup>a</sup>	3/4-16	2.76	1.09	1.81	.27	5/8	7/8
1/2	1/2	08E-668 <sup>a</sup>	3/4-16	2.82	1.09	1.75	.33	3/4	7/8
1/2	5/8	08E-670 <sup>a</sup>	7/8-14	3.34	1.23	2.31	.39	3/4	1
3/4	3/4	12E-672	1-1/16-12	3.70	1.82	2.50	.59	1	1-1/4
1	1	16E-676	1-5/16-12	4.39	2.14	3.00	.83	1-1/4	1-1/2

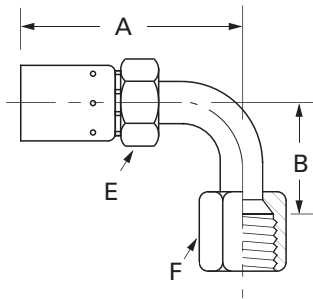
# Coll-O-Crimp

## 'E' Series

†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

<sup>a</sup>Swivel nuts are universal – both SAE 37° and 45° connections.

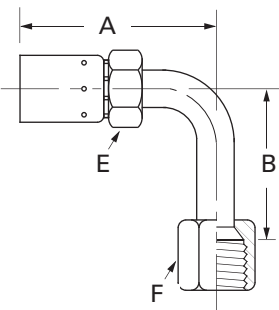
### SAE 45° Female Swivel 90° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
3/8	3/8	06E-466	5/8-18	2.72	.85	1.75	.24	5/8	3/4

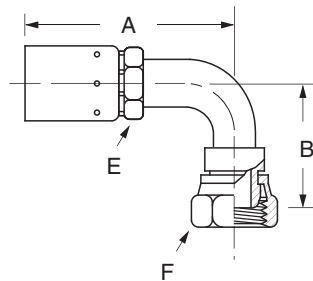
### JIC 37° Female Swivel Long Drop 90° Tube Elbow

(Exceptions Noted)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	04E-644 <sup>a</sup>	7/16-20	2.27	1.80	1.42	.15	7/16	9/16
1/4	5/16	04E-645 <sup>a</sup>	1/2-20	2.51	1.80	1.63	.16	7/16	5/8
5/16	3/8	05E-646	9/16-18	2.63	2.18	1.69	.22	9/16	11/16
3/8	3/8	06E-646	9/16-18	2.66	2.18	1.69	.24	5/8	11/16
3/8	1/2	06E-648 <sup>a</sup>	3/4-16	2.83	2.43	1.88	.27	5/8	7/8
1/2	1/2	08E-648 <sup>a</sup>	3/4-16	2.82	2.43	1.75	.33	3/4	7/8
1/2	5/8	08E-650 <sup>a</sup>	7/8-14	2.96	2.57	1.94	.39	3/4	1
3/4	3/4	12E-652	1-1/16-12	3.74	3.73	2.50	.58	1	1-1/4
1	1	16E-656	1-5/16-12	4.36	4.33	3.00	.83	1-1/4	1-1/2

### British Standard (BSPP) 60° Cone Female Pipe Swivel 90° Elbow



HOSE I.D.	BSPP PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	04E-74P	G-1/4-19*	2.89	1.50	2.06	.16	7/16	3/4
3/8	3/8	06E-76P	G-3/8-19*	2.96	1.66	2.00	.27	5/8	7/8
1/2	1/2	08E-78P	G-1/2-14*	2.95	1.73	1.88	.37	3/4	1
3/4	3/4	12E-82P	G-3/4-14*	3.83	2.43	2.61	.61	1	1-1/4

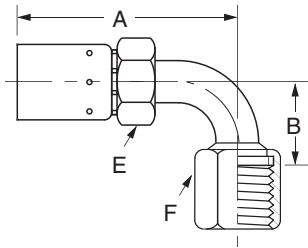
\*G As Part of Thread Size is ISO Designation for Parallel Thread.

# Coll-O-Crimp

## 'E' Series

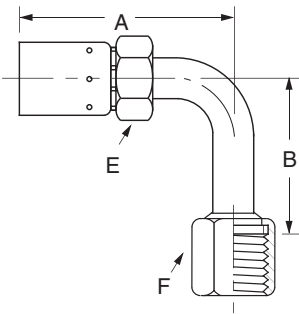
†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

### Female FOR-SEAL Swivel Short Drop 90° Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	04E-A24	9/16-18	2.27	.81	1.44	.21	7/16	11/16
1/4	3/8	04E-A26	11/16-16	2.54	.90	1.69	.16	5/8	13/16
5/16	3/8	05E-A26	11/16-16	2.62	.90	1.69	.22	9/16	13/16
3/8	3/8	06E-A26	11/16-16	2.71	.90	1.75	.24	5/8	13/16
3/8	1/2	06E-A28	13/16-16	2.81	1.15	1.88	.27	5/8	15/16
1/2	1/2	08E-A28	13/16-16	2.90	1.15	1.88	.33	3/4	15/16
3/4	3/4	12E-A32	1-3/16-12	3.70	1.88	2.50	.59	1	1-3/8
1	1	16E-A36	1-7/16-12	4.01	2.21	2.69	.76	1-1/4	1-5/8

### Female FOR-SEAL Swivel Long Drop 90° Tube Elbow

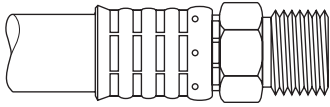


HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	04E-A64	9/16-18	2.41	1.80	1.56	.21	7/16	11/16
5/16	3/8	05E-A66	11/16-16	2.73	2.12	1.81	.22	9/16	13/16
3/8	3/8	06E-A66	11/16-16	2.82	2.12	1.88	.24	5/8	13/16
3/8	1/2	06E-A68	13/16-16	2.80	2.50	1.88	.27	5/8	15/16
1/2	1/2	08E-A68	13/16-16	2.89	2.50	1.88	.33	3/4	15/16

# Coll-O-Crimp

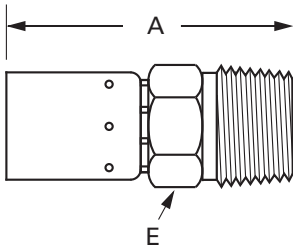
## 069 'E' Series

### Hose End 069 'E' Series

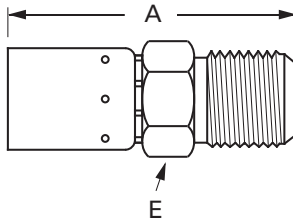


⚠ Refer to important safety information on page 4.

### Male Pipe Rigid



### JIC 37° Male Rigid



### Ordering Information:

Order individually by catalog number.

### Typical Application:

General purpose low- and medium-pressure hydraulics. Generally used for truck and off-road vehicle applications.

**Compatible Hose:** H059; H069; H166; H169; H229; H239; H366; H569

**Pressure:** Determined by maximum working pressure for hose size and hose end configuration whichever is lesser. See page 16 for working pressure ratings for hose end configurations.

**Material:** Low Carbon Steel

**Plating:** Zinc; yellow dichromate finish.

†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

**Advantages:** Wide selection of hose and end configurations allowing for a diverse number of applications. Limited competition and economical cost.

**Assemble With:** T-400-1, T-410-1, T-420-1, T-440-1, T-460, T-462, T-465-1, T-480, ET4000.

**Label Set:** FS-1500

HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
3/16	1/8	06904E-102	1/8-27	1.70	.75	.13	7/16
3/16	1/4	06904E-104	1/4-18	1.88	1.00	.13	9/16
1/4	1/4	06905E-104	1/4-18	1.88	1.00	.18	9/16
5/16	1/4	06906E-104	1/4-18	2.04	1.00	.24	5/8
5/16	3/8	06906E-106	3/8-18	2.03	1.00	.24	11/16
13/32	3/8	06908E-106	3/8-18	2.04	1.00	.31	3/4
13/32	1/2	06908E-108	1/2-14	2.29	1.25	.31	7/8
1/2	1/2	06910E-108	1/2-14	2.41	1.38	.39	7/8
1/2	3/4	06910E-112	3/4-14	2.47	1.38	.39	1-1/16
5/8	3/4	06912E-112	3/4-14	2.52	1.25	.51	1-1/16
7/8	3/4	06916E-112	3/4-14	2.69	1.44	.71	1-1/8
7/8	1	06916E-116	1-11-1/2	2.88	1.63	.75	1-3/8
1-1/8	1-1/4	06920E-120	1-1/4-11-1/2	3.06	1.69	1.00	1-11/16
1-3/8	1-1/2	06924E-124	1-1/2-11-1/2	3.37	2.00	1.25	2
1-13/16	2	06932E-132	2-11-1/2	3.38	2.00	1.63	2-1/2

HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
3/16	1/4	06904E-504	7/16-20	1.87	1.00	.13	1/2
1/4	5/16	06905E-505	1/2-20	1.87	1.00	.18	9/16
5/16	3/8	06906E-506	9/16-18	2.03	1.00	.24	5/8
13/32	1/2	06908E-508	3/4-16	2.19	1.19	.31	13/16
1/2	5/8	06910E-510	7/8-14	2.43	1.25	.39	15/16
5/8	3/4	06912E-512	1-1/16-12	2.63	1.38	.51	1-1/8
7/8	1	06916E-516	1-5/16-12	2.85	1.50	.75	1-3/8
1-1/8	1-1/4	06920E-520	1-5/8-12	3.06	1.63	1.00	1-11/16
1-3/8	1-1/2	06924E-524	1-7/8-12	3.17	1.81	1.25	2

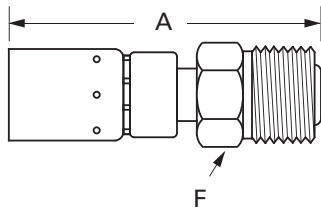
APPLICATION DATA  
LOW & MEDIUM PRESSURE HOSE  
HIGH PRESSURE HOSE  
SPECIALTY HOSE  
ACCESSORIES & ASSEMBLY INSTRUCTIONS  
ADAPTERS & TUBE HOSE ENDS  
HOSE ASSEMBLY EQUIPMENT  
TECHNICAL DATA



**Coll-O-Crimp****069 'E' Series**

†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

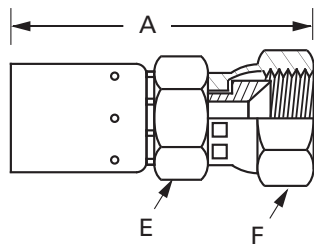
<sup>a</sup>Swivel nuts are universal – both SAE 37° and 45° connections.

**Inverted Male Swivel Straight**

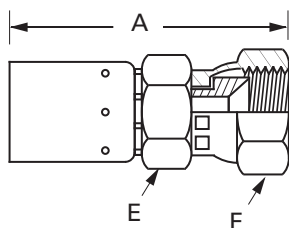
HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
3/16	1/4	06904E-B04	7/16-24	2.58	1.56	.13	7/16
1/4	5/16	06905E-B05	1/2-20	2.63	1.63	.18	1/2
5/16	3/8	06906E-B06	5/8-18	2.87	1.78	.24	5/8
13/32	1/2	06908E-B08	3/4-18	3.24	2.06	.31	3/4

**JIC 37° Female Swivel**

(Exceptions Noted)



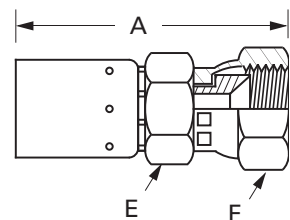
HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
3/16	1/4	06904E-604 <sup>a</sup>	7/16-20	2.01	1.06	.13	7/16	9/16
1/4	5/16	06905E-605 <sup>a</sup>	1/2-20	2.09	1.19	.18	7/16	5/8
5/16	3/8	06906E-606	9/16-18	2.26	1.19	.24	9/16	11/16
5/16	1/2	06906E-608 <sup>a</sup>	3/4-16	2.41	1.31	.24	3/4	7/8
13/32	1/2	06908E-608 <sup>a</sup>	3/4-16	2.41	1.38	.31	3/4	7/8
1/2	1/2	06910E-608 <sup>a</sup>	3/4-16	2.53	1.44	.39	13/16	7/8
1/2	5/8	06910E-610 <sup>a</sup>	7/8-14	2.62	1.50	.39	13/16	1
5/8	3/4	06912E-612	1-1/16-12	2.77	1.50	.51	1	1-1/4
7/8	1	06916E-616	1-5/16-12	3.11	1.75	.75	1-1/4	1-1/2
1-1/8	1-1/4	06920E-620	1-5/8-12	3.30	1.81	1.00	1-9/16	2
1-3/8	1-1/2	06924E-624	1-7/8-12	3.45	2.13	1.25	2	2-1/4
1-13/16	2	06932E-632	2-1/2-12	4.15	2.81	1.63	2-1/2	3

**SAE 45° Female Swivel**

HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
5/16	3/8	06906E-406	5/8-18	2.18	1.13	.24	9/16	3/4
5/8	3/4	06912E-412	1-1/16-14	2.81	1.50	.51	1	1-1/4

**30° Flare Female Swivel**

(PTT Thread For Diesel Applications)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
7/8	1	06916E-X26	1-5/16-14	2.96	1.69	.75	1-1/4	1-1/2

# Coll-O-Crimp

## 069 'E' Series

†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

‡Swivel nuts are universal – both SAE 37° and 45° connections.

APPLICATION DATA

LOW & MEDIUM PRESSURE HOSE

HIGH PRESSURE HOSE

SPECIALTY HOSE

ACCESSORIES & ASSEMBLY INSTRUCTIONS

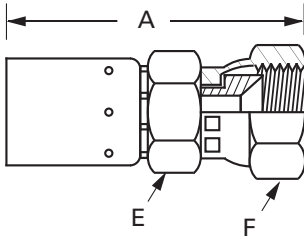
ADAPTERS & TUBE HOSE ENDS

HOSE ASSEMBLY EQUIPMENT

TECHNICAL DATA

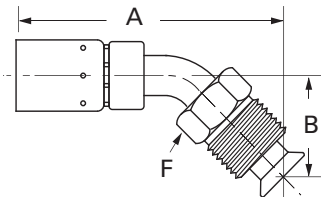
### Female Swivel 30° Flare

(Komatsu, Linkbelt)



HOSE I.D.	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
5/16	06906E-18K	M18x1.5	2.38	1.31	.24	3/4	7/8
1/2	06910E-22K	M22x1.5	2.65	1.56	.39	13/16	1
5/8	06912E-24K	M24x1.5	2.88	1.56	.52	1	1-1/4
5/8	06912E-30K	M30x1.5	2.90	1.63	.52	1-1/4	1-3/8
7/8	06916E-33K	M33x1.5	3.11	1.81	.75	1-1/4	1-1/2
1-3/8	06924E-42K	M42x1.5	3.55	2.19	1.25	2	2-1/8

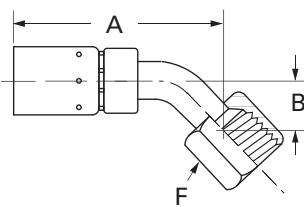
### Inverted Male Swivel 45° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
3/16	1/4	06904E-E44	7/16-24	3.08	.93	2.06	.12	7/16
1/4	5/16	06905E-E45	1/2-20	3.42	1.14	2.44	.18	1/2
5/16	3/8	06906E-E46	5/8-18	3.65	1.34	2.56	.21	5/8

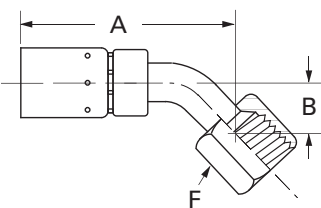
### JIC 37° Female Swivel 45° Tube Elbow

(Exceptions Noted)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
3/16	1/4	06904E-684 <sup>‡</sup>	7/16-20	2.50	.33	1.50	.13	9/16
1/4	5/16	06905E-685 <sup>‡</sup>	1/2-20	2.63	.36	1.63	.18	5/8
5/16	3/8	06906E-686	9/16-18	2.78	.38	1.69	.24	11/16
13/32	1/2	06908E-688 <sup>‡</sup>	3/4-16	3.07	.55	1.83	.31	7/8
1/2	5/8	06910E-690 <sup>‡</sup>	7/8-14	3.39	.63	2.31	.45	1
5/8	3/4	06912E-692	1-1/16-12	3.70	.78	2.38	.52	1-1/4
7/8	1	06916E-696	1-5/16-12	4.68	1.10	3.38	.75	1-1/2

### SAE 45° Female Swivel 45° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
5/16	3/8	06906E-486	5/8-18	2.77	.39	1.69	.24	3/4
5/8	3/4	06912E-492	1-1/16-14	3.74	.78	2.44	.52	1-1/4

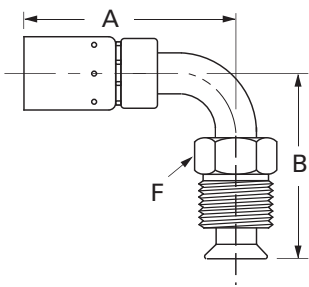
# Coll-O-Crimp

## 069 'E' Series

†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

<sup>a</sup>Swivel nuts are universal – both SAE 37° and 45° connections.

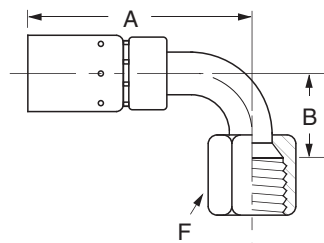
### Inverted Male Swivel 90° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
3/16	1/4	06904E-E04	7/16-24	2.31	1.36	1.25	.13	7/16
1/4	5/16	06905E-E05	1/2-20	2.59	1.61	1.56	.18	1/2
5/16	1/4	06906E-E04	7/16-24	2.43	1.36	1.31	.15	7/16
5/16	5/16	06906E-E05	1/2-20	2.66	1.61	1.56	.21	1/2
5/16	3/8	06906E-E06	5/8-18	2.94	1.97	1.85	.24	5/8
1/2	5/8	06910E-E10	7/8-18	3.27	2.58	2.30	.39	7/8

### JIC 37° Female Swivel 90° Tube Elbow

(Exceptions Noted, Refer to Footnotes)

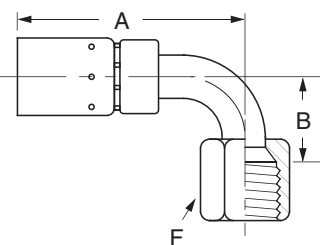


HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
3/16	1/4	06904E-664 <sup>a</sup>	7/16-20	2.41	.68	1.38	.13	9/16
1/4	5/16	06905E-665 <sup>a</sup>	1/2-20	2.62	.77	1.63	.21	5/8
5/16	3/8	06906E-666	9/16-18	2.73	.85	1.78	.24	11/16
13/32	1/2	06908E-668 <sup>a</sup>	3/4-16	2.87	1.09	1.75	.31	7/8
1/2	5/8	06910E-670 <sup>a</sup>	7/8-14	3.52	1.23	2.44	.39	1
5/8	3/4	06912E-672	1-1/16-12	3.66	1.82	2.31	.58	1-1/4
7/8	1	06916E-676	1-5/16-12	4.40	2.14	3.13	.76	1-1/2
1-1/8	1-1/4*	06920E-657 <sup>Δ</sup>	1-5/8-12	4.32	5.38	2.90	1.00	2
1-1/8	1-1/4*	06920E-677	1-5/8-12	4.27	3.25	2.90	1.01	2
1-3/8	1-1/2*	06924E-678	1-7/8-12	4.09	3.05	2.70	1.25	2-1/2

\* 20 and 24 size ends have crimped nuts.

<sup>Δ</sup> Long drop elbow.

### SAE 45° Female Swivel 90° Tube Elbow

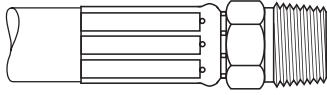


HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
5/16	3/8	06906E-466	5/8-18	2.76	.85	1.56	.24	3/4
5/8	3/4	06912E-472	1-1/16-14	3.64	1.82	2.31	.52	1-1/4

# Coll-O-Crimp

## 336 'E' Series

### Hose End 336 'E' Series



#### Ordering Information:

Order individually by catalog number.

Refer to important safety information on page 4.

#### Typical Application:

General purpose high-pressure hydraulics. Use H335 non-conductive hose where shock hazards exist.

#### Compatible Hose:

H335; H336

**Pressure:** Determined by maximum working pressure for hose size and hose end configuration whichever is less. See page 5-10 for working pressure ratings for hose end configurations.

**Material:** Low Carbon Steel

**Plating:** Zinc; yellow dichromate finish

**Advantages:** Wide selection of hose and end configurations allowing for a diverse number of applications where hose compatibility is a problem.

#### Assemble With:

ET1000, ET4000, T-400-1, T-410-1, T-420-1, T-440-1, T-460, T-462, T-465, T-480.

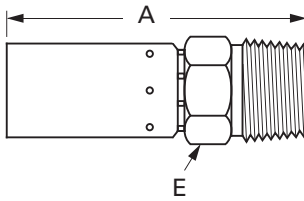
†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

**Label Set:** FS-3500

#### Note:

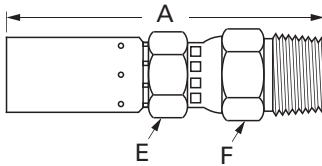
Refer to current price list for availability of cataloged items. Configurations and dimensions subject to change without notice.

### Male Pipe Rigid



HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
3/16	1/8	33603E-102	1/8-27	1.88	1.06	.11	9/16
3/16	1/4	33603E-104	1/4-18	2.06	1.25	.11	11/16
1/4	1/8	33604E-102	1/8-27	2.13	1.06	.16	5/8
1/4	1/4	33604E-104	1/4-18	2.31	1.25	.16	11/16
1/4	3/8	33604E-106	3/8-18	2.40	1.31	.16	3/4
3/8	1/4	33606E-104	1/4-18	2.59	1.15	.28	3/4
3/8	3/8	33606E-106	3/8-18	2.59	1.15	.28	3/4
3/8	1/2	33606E-108	1/2-14	2.84	1.41	.28	15/16
1/2	3/8	33608E-106	3/8-18	2.78	1.13	.39	7/8
1/2	1/2	33608E-108	1/2-14	3.03	1.38	.39	15/16
3/4	3/4	33612E-112	3/4-14	3.22	1.38	.63	1-1/8
1	1	33616E-116	1-11-1/2	3.97	1.62	.81	1-3/8

### Male Pipe Swivel



HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
3/16	1/4	33603E-J04	1/4-18	2.64	1.84	.11	5/8	11/16
1/4	1/4	33604E-J04	1/4-18	2.87	1.79	.16	5/8	11/16
3/8	3/8	33606E-J06	3/8-18	3.15	1.72	.28	3/4	3/4
3/8	1/2	33606E-J08	1/2-14	3.31	1.88	.28	3/4	7/8
1/2	1/2	33608E-J08	1/2-14	3.61	1.97	.39	7/8	15/16

#### Note:

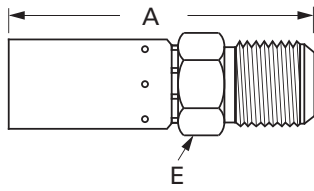
Swivel for installation purposes (Not for temperatures above 212°F)

# Coll-O-Crimp

## 336 'E' Series

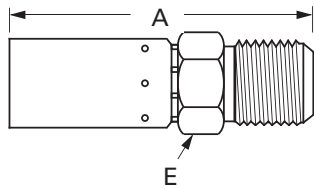
†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

### JIC 37° Male Rigid



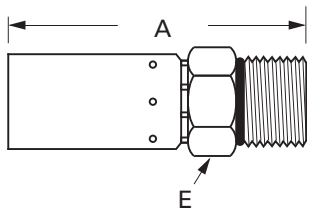
HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
3/16	1/4	33603E-504	7/16-20	2.05	1.25	.11	9/16
1/4	1/4	33604E-504	7/16-20	2.30	1.22	.16	5/8
1/4	5/16	33604E-505	1/2-20	2.30	1.23	.16	5/8
3/8	3/8	33606E-506	9/16-18	2.59	1.13	.28	3/4
3/8	1/2	33606E-508	3/4-16	2.69	1.25	.28	13/16
1/2	1/2	33608E-508	3/4-16	2.88	1.25	.39	7/8
1/2	5/8	33608E-510	7/8-14	3.10	1.42	.39	15/16
1/2	3/4	33608E-512	1-1/16-12	3.15	1.52	.39	1-1/8
3/4	3/4	33612E-512	1-1/16-12	3.32	1.52	.61	1-1/8

### SAE 45° Flare Male Rigid



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
3/16	1/4	33603E-304	7/16-20	2.00	1.19	.11	9/16
3/8	3/8	33606E-306	5/8-18	2.65	1.19	.28	3/4
1/2	1/2	33608E-308	3/4-16	3.03	1.31	.39	7/8

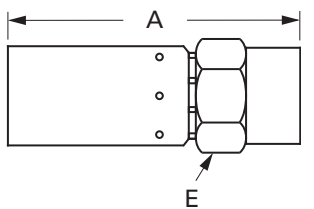
### Male Straight Thread O-Ring Rigid



HOSE I.D.	PORT SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
3/16	1/4	33603E-P04	7/16-20	1.86	1.06	.11	9/16
1/4	5/16	33604E-P05	1/2-20	2.11	1.03	.16	5/8
1/4	3/8	33604E-P06	9/16-18	2.14	1.06	.16	11/16
3/8	3/8	33606E-P06	9/16-18	2.42	1.00	.28	3/4
3/8	1/2	33606E-P08	3/4-16	2.47	1.03	.28	7/8
1/2	1/2	33608E-P08	3/4-16	2.78	1.03	.39	15/16
1/2	5/8	33608E-P10	7/8-14	2.84	1.16	.39	1-1/16

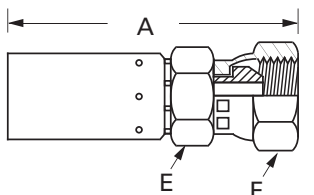
(Includes O-Ring)

### Female Pipe Rigid



HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
1/4	1/4	33604E-204	1/4-18	2.34	1.25	.16	3/4
1/2	1/2	33608E-208	1/2-14	3.03	1.31	.39	1-1/16

### Female Straight Pipe Swivel



HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	33604E-054	1/4-18	2.38	1.31	.16	5/8	3/4
3/8	3/8	33606E-056	3/8-18	2.66	1.22	.28	3/4	7/8
1/2	1/2	33608E-058	1/2-14	3.06	1.38	.39	1	1
3/4	3/4	33612E-062	3/4-14	3.43	1.62	.63	1-1/8	1-1/8

**Note:**

For use with male pipe fittings with internal seat.

# Coll-O-Crimp

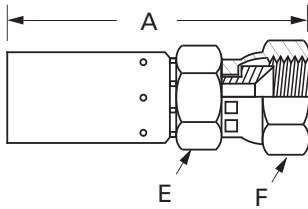
## 336 'E' Series

†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

<sup>a</sup>Swivel nuts are universal – both SAE 37° and 45° connections.

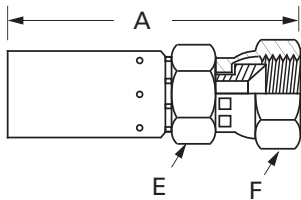
### JIC 37° Female Swivel

(Exceptions Noted)



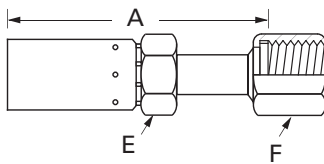
HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
3/16	1/4	33603E-604 <sup>a</sup>	7/16-20	2.16	1.38	.11	9/16	5/8
3/16	5/16	33603E-605 <sup>a</sup>	1/2-20	2.16	1.38	.11	9/16	3/4
1/4	1/4	33604E-604 <sup>a</sup>	7/16-20	2.53	1.44	.16	5/8	5/8
1/4	5/16	33604E-605 <sup>a</sup>	1/2-20	2.53	1.44	.16	5/8	3/4
1/4	3/8	33604E-606	9/16-18	2.53	1.44	.16	5/8	3/4
3/8	3/8	33606E-606	9/16-18	2.81	1.38	.28	3/4	3/4
3/8	1/2	33606E-608 <sup>a</sup>	3/4-16	2.81	1.38	.28	3/4	15/16
1/2	1/2	33608E-608 <sup>a</sup>	3/4-16	3.16	1.63	.39	7/8	15/16
1/2	5/8	33608E-610 <sup>a</sup>	7/8-14	3.16	1.63	.39	7/8	1-1/16
3/4	3/4	33612E-612	1-1/16-12	3.44	1.63	.63	1-1/8	1-1/4
1	1	33616E-616	1-5/16-12	4.06	1.75	.81	1-3/8	1-1/2

### SAE 45° Female Swivel



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	3/8	33604E-406	5/8-18	2.53	1.44	.16	5/8	13/16
3/8	3/8	33606E-406	5/8-18	2.81	1.38	.28	3/4	13/16

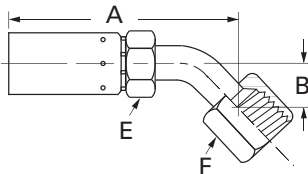
### Female FOR-SEAL® Swivel Straight



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	33604E-S64	9/16-18	2.60	1.52	.16	5/8	11/16
3/8	3/8	33606E-S66	11/16-16	2.92	1.61	.21	3/4	13/16
1/2	1/2	33608E-S68	13/16-16	3.29	1.72	.38	7/8	15/16
3/4	3/4	33612E-S72	1-3/16-12	3.71	1.95	.61	1-1/8	1-3/8
1	1	33616E-S76	1-7/16-12	4.36	2.11	.81	1-3/8	1-5/8

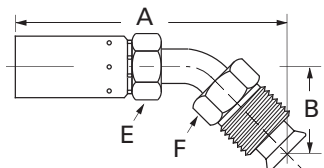
### JIC 37° Female Swivel 45° Tube Elbow

(Exceptions Noted)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
3/16	1/4	33603E-684 <sup>a</sup>	7/16-20	2.30	.47	1.50	.11	9/16	9/16
1/4	5/16	33604E-685 <sup>a</sup>	1/2-20	2.65	.53	1.56	.16	5/8	5/8
3/8	3/8	33606E-686	9/16-18	2.92	.59	1.48	.28	3/4	11/16
3/8	1/2	33606E-688 <sup>a</sup>	3/4-16	3.10	.71	1.66	.28	3/4	7/8
1/2	1/2	33608E-688 <sup>a</sup>	3/4-16	3.28	.71	1.66	.39	7/8	7/8
1/2	5/8	33608E-690 <sup>a</sup>	7/8-14	3.52	.84	1.84	.39	7/8	1
3/4	3/4	33612E-692	1-1/16-12	4.33	1.12	2.44	.62	1-1/8	1-1/4

### Inverted Male Swivel 45° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
3/8	3/8	33606E-B46	5/8-18	3.30	.97	1.88	.28	3/4	5/8

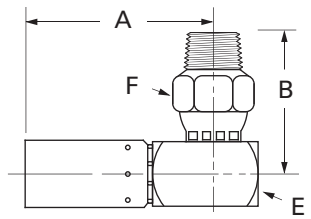
APPLICATION DATA  
LOW & MEDIUM PRESSURE HOSE  
HIGH PRESSURE HOSE  
SPECIALTY HOSE  
ACCESSORIES & ASSEMBLY INSTRUCTIONS  
ADAPTERS & TUBE HOSE ENDS  
HOSE ASSEMBLY EQUIPMENT  
TECHNICAL DATA

# Coll-O-Crimp

## 336 'E' Series

†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.  
<sup>a</sup>Swivel nuts are universal – both SAE 37° and 45° connections.

### Male Pipe Swivel 90° Elbow

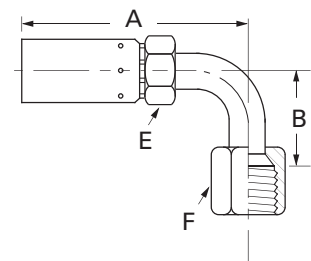


HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
3/8	3/8	33606E-M06	3/8-18	2.19	1.64	.88	.28	.81	3/4
1/2	1/2	33608E-M08	1/2-14	2.48	1.95	.94	.39	1	15/16

**Note:**  
 Swivel for installation purposes only.  
 (Not for temperatures above 212°F.)

### JIC 37° Female Swivel 90° Tube Elbow

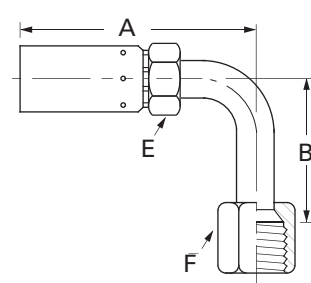
(Exceptions Noted)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	33604E-664 <sup>a</sup>	7/16-20	2.28	.88	1.31	.16	5/8	9/16
1/4	5/16	33604E-665 <sup>a</sup>	1/2-20	2.38	1.00	1.31	.16	5/8	5/8
3/8	3/8	33606E-666	9/16-18	2.63	1.13	1.19	.28	3/4	11/16
3/8	1/2	33606E-668 <sup>a</sup>	3/4-16	2.75	1.38	1.31	.28	3/4	7/8
1/2	1/2	33608E-668 <sup>a</sup>	3/4-16	2.94	1.38	1.31	.39	7/8	7/8
1/2	5/8	33608E-670 <sup>a</sup>	7/8-14	3.06	1.63	1.44	.39	7/8	1
3/4	5/8	33612E-670 <sup>a</sup>	7/8-14	3.38	1.63	1.56	.50	1-1/8	1
3/4	3/4	33612E-672	1-1/16-12	3.88	2.31	2.06	.62	1-1/8	1-1/4
1	1	33616E-676	1-5/16-12	4.75	2.50	2.31	.58	1-3/8	1-1/2

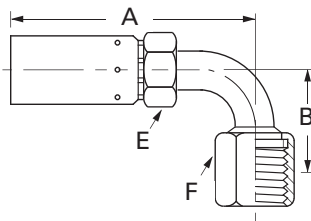
### JIC 37° Female Swivel Long Drop 90° Tube Elbow

(Exceptions Noted)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	5/16	33604E-645 <sup>a</sup>	1/2-20	2.38	1.77	1.30	.16	5/8	5/8
3/8	3/8	33606E-646	9/16-18	2.63	2.18	1.19	.28	3/4	11/16
3/8	1/2	33606E-648 <sup>a</sup>	3/4-16	2.75	2.43	1.31	.28	3/4	7/8
1/2	5/8	33608E-650 <sup>a</sup>	7/8-14	3.06	2.57	1.44	.39	7/8	1
3/4	3/4	33612E-652	1-1/16-12	3.88	3.73	2.06	.62	1-1/8	1-1/4

### Female FOR-SEAL® Swivel Short Drop 90° Elbow



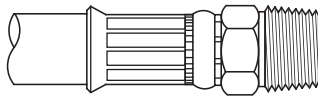
HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	33604E-A24	9/16-18	2.31	.78	1.23	.16	5/8	11/16
3/8	3/8	33606E-A26	11/16-16	2.74	.90	1.43	.28	3/4	13/16
1/2	1/2	33608E-A28	13/16-16	3.04	1.15	1.48	.39	7/8	15/16
3/4	3/4	33612E-A32	1-3/16-12	3.78	1.88	2.02	.63	1-1/8	1-3/8

# Coll-O-Crimp

## 470 'E' Series

†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

### Hose End 470 'E' Series

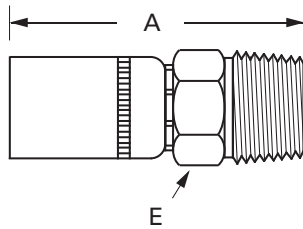


#### ⚠ WARNING

47032E ends can ONLY be crimped on the T-440 or ET4000.

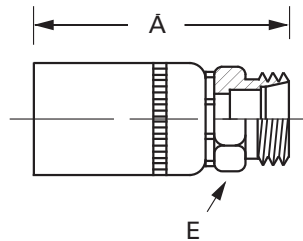
⚠ Refer to important safety information on page 4.

### Male Pipe Rigid

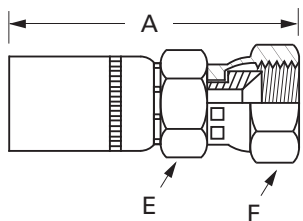


### Male DIN 24° Seat

s. Rh. (Heavy)



### JIC 37° Female Swivel



#### Ordering Information:

Order individually by catalog number; reference individual hose end listings for details. For split flange kits, refer to pages 330-333.

#### Typical Application:

Very high pressure hydraulic lines subjected to extreme pressure surges and flexing. Some applications include mining, construction, farming and high performance industrial equipment.

**Compatible Hose:** H470

**Pressure:** Determined by maximum working pressure for hose size and hose end configuration whichever is lesser. See pages 5-10 for working pressure ratings for hose end configurations.

**Material:** Low Carbon Steel  
**Plating:** Zinc; yellow dichromate finish

**Advantages:** SAE Code 62 High Pressure Series hose ends. Excellent series for very high pressure

hydraulics. Compatible with Caterpillar, John Deere, and most major manufacturers of equipment using high pressure applications.

#### Assemble with:

T-410-1 Coll-O-Crimp II, T-420-1 Coll-O-Crimp Super I, T-440-1 Coll-O-Crimp II Plus, T-480 or ET4000 depending on size.

**Label Set:** FS-1800

HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
1/2	1/2	47008E-108	1/2-14	2.79	1.38	.38	7/8
3/4	3/4	47012E-112	3/4-14	3.80	1.75	.61	1-1/16
1	1	47016E-116	1-11-1/2	4.30	1.94	.80	1-3/8
1-1/4	1-1/4	47020E-120	1-1/4-11-1/2	5.56	2.44	1.00	1-3/4
1-1/2	1-1/2	47024E-124	1-1/2-11-1/2	5.61	2.25	1.25	2-1/8
2	2	47032E-132	2-11-1/2	6.53	2.75	1.56	2-3/4

HOSE I.D.	TUBE SIZE (MM)	CATALOG NUMBER	THREAD (MM)	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
3/4	25	47012E-25F	M36-2.0	3.56	1.61	.58	1-3/8
1	30	47016E-30F	M42-2.0	4.26	1.88	.79	1-3/4
1-1/4	38	47020E-38F	M52-2.0	5.22	3.81	1.00	2-1/4

HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/2	1/2	47008E-608	3/4-16	2.97	1.56	.39	7/8	7/8
3/4	3/4	47012E-612	1-1/16-12	3.90	1.88	.58	1-1/16	1-1/4
3/4	1	47012E-616	1-5/16-12	3.98	1.94	.58	1-1/4	1-1/2
1	1	47016E-616	1-5/16-12	4.34	2.00	.80	1-3/8	1-1/2
1-1/4	1-1/4	47020E-620	1-5/8-12	5.72	2.56	1.00	1-3/4	2
1-1/2	1-1/2	47024E-624	1-7/8-12	6.04	2.63	1.25	2-1/8	2-1/4
2	2	47032E-632 <sup>Δ</sup>	2-1/2-12	6.98	3.22	1.56	2-3/4	3

⚠ **WARNING:** <sup>Δ</sup> Before crimping this fitting on a ET4000 C-O-C machine, refer to ET4000 crimping procedures on page 384.

APPLICATION DATA  
LOW & MEDIUM PRESSURE HOSE  
HIGH PRESSURE HOSE  
SPECIALTY HOSE  
ACCESSORIES & ASSEMBLY INSTRUCTIONS  
ADAPTERS & TUBE HOSE ENDS  
HOSE ASSEMBLY EQUIPMENT  
TECHNICAL DATA

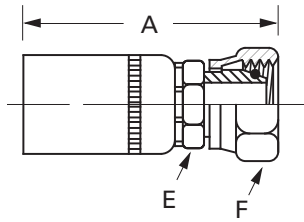


**Coll-O-Crimp****470 'E' Series**

†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

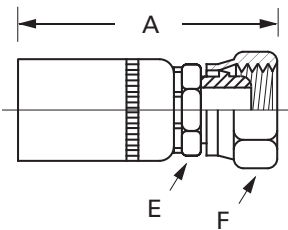
**Female Swivel DIN 24° Seat**

s. Rh. DKO (Heavy)



HOSE I.D.	TUBE SIZE (MM)	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
3/4	25	47012E-75C	M36x2.0	3.94	1.88	.58	1-5/16	1-13/16
1	30	47016E-80C	M42x2.0	4.60	2.25	.79	1-5/8	2
1-1/4	38	47020E-88C	M52x2.0	5.96	2.63	1.00	2	2-3/8

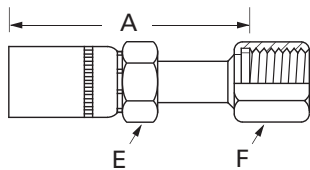
(Includes O-Ring)

**British Standard (BSPP) 60° Cone Female Pipe Swivel**

HOSE I.D.	BSPP PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
3/4	3/4	47012E-362	G-3/4-14*	3.99	1.69	.58	1-1/16	1-1/4
1	1	47016E-366	G-1-11*	4.75	2.23	.79	1-3/8	1-1/2
1-1/4	1-1/4	47020E-370	G-1-1/4-11*	6.26	2.44	1.00	1-7/8	1-7/8
1-1/2	1-1/2	47024E-374	G-1-1/2-11*	6.46	3.04	1.18	2	2-1/4
2	2	47032E-375	G-2-11*	6.85	3.06	1.56	2-3/4	2-3/4

\*G As Part of Thread Size is ISO Designation for Parallel Thread.

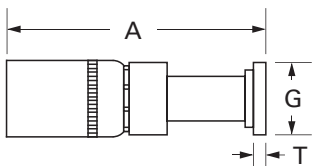
Swivel Nut Style may vary.

**Female FOR-SEAL Swivel Straight**

HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
3/4	3/4	47012E-S72	1-3/16-12	4.20	2.16	.55	1-1/8	1-3/8
1	1	47016E-S76	1-7/16-12	4.65	2.31	.79	1-3/8	1-5/8
1	1-1/4	47016E-S80	1-11/16-12	4.65	2.31	.79	1-3/8	1-7/8
1-1/4	1-1/4	47020E-S80	1-11/16-12	5.76	2.62	1.00	1-3/4	1-7/8

**Split Flange Straight**

(SAE Code 61)



HOSE I.D.	NOMINAL FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCLUDED)	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. G	T NOMINAL
1/2	1/2	47008E-G08	8x252	3.79	2.38	.38	1.19	.265
3/4	3/4	47012E-G12	12x252	4.46	2.44	.58	1.50	.265
3/4	1	47012E-G16	16x252	4.46	2.44	.58	1.75	.315
1	1	47016E-G16	16x252	4.91	2.56	.77	1.75	.315
1-1/4	1-1/4	47020E-G20	20x252	5.84	2.69	1.00	2.00	.315
1-1/2	1-1/2	47024E-G24	24x252	6.83	3.50	1.25	2.38	.315
2	2	47032E-G32	32x252	7.82	4.06	1.81	2.81	.375

(For Split Flange Kits, see pages 330-333.)

# Coll-O-Crimp

## 470 'E' Series

†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

APPLICATION  
DATA

LOW & MEDIUM  
PRESSURE HOSE

HIGH PRESSURE HOSE

SPECIALTY HOSE

ACCESSORIES &  
ASSEMBLY INSTRUCTIONS

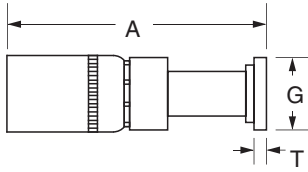
ADAPTERS & TUBE  
HOSE ENDS

HOSE ASSEMBLY  
EQUIPMENT

TECHNICAL DATA

### Split Flange Straight

(SAE Code 62)

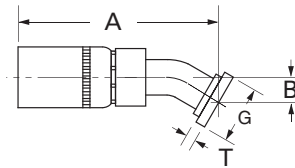


HOSE I.D.	NOMINAL FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCLUDED)	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. G	T NOMINAL
3/4	3/4	47012E-D12	12x252	4.75	2.75	.58	1.62	.345
3/4	1	47012E-D16	16x252	4.94	2.88	.58	1.88	.375
1	1	47016E-D16	16x252	4.91	2.56	.77	1.88	.375
1	1-1/4	47016E-D20	20x252	5.10	2.75	.77	2.12	.405
1	1-1/2	47016E-D24	24x252	5.30	2.94	.77	2.50	.495
1-1/4	1-1/4	47020E-D20	20x252	5.73	2.63	1.00	2.12	.405
1-1/4	1-1/2	47020E-D24	24x252	5.91	2.75	1.00	2.50	.495
1-1/2	1-1/4	47024E-D20	20x252	6.87	3.44	1.00	2.12	.405
1-1/2	1-1/2	47024E-D24	24x252	6.71	3.31	1.25	2.50	.495

(For Split Flange Kits, see pages 330-333.)

### Split Flange 30° Tube Elbow

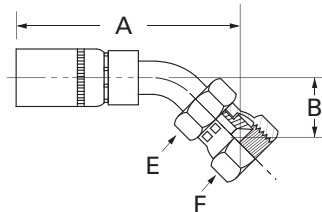
(SAE Code 62)



HOSE I.D.	NOMINAL FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCLUDED)	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. G	T NOMINAL
1	1-1/2	47016E-N25	24x252	6.46	1.11	4.06	.75	2.50	.495
1-1/4	1-1/2	47020E-N25	24x252	7.45	1.09	4.31	1.06	2.50	.495

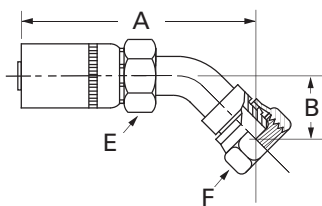
(For Split Flange Kits, see pages 330-333.)

### JIC 37° Female Swivel 45° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/2	1/2	47008E-688	3/4-16	4.24	1.14	2.81	.39	7/8	7/8
3/4	3/4	47012E-692	1-1/16-12	5.79	1.66	3.75	.61	1-1/8	1-1/4
1	1	47016E-696	1-5/16-12	6.35	1.72	3.98	.80	1-3/16	1-1/2

### British Standard (BSPP) 60° Cone Female Pipe Swivel 45° Elbow



HOSE I.D.	BSPP PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA./HEX E	HEX F
3/4	3/4	47012E-52P	G-3/4-14*	5.80	1.66	3.75	.61	1-1/16	1-1/4
1	1	47016E-56P	G-1-11*	6.54	1.92	4.19	.75	1-3/8	1-1/2

\*G As Part of Thread Size is ISO Designation for Parallel Thread.

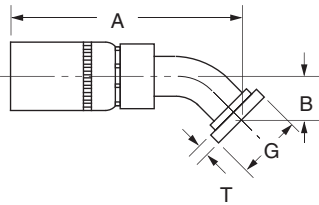
# Coll-O-Crimp

## 470 'E' Series

†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

### Split Flange 45° Tube Elbow

(SAE Code 61)

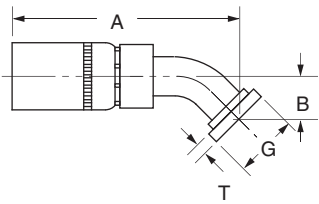


HOSE I.D.	NOMINAL FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCLUDED)	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. G	T NOMINAL
1/2	1/2	47008E-G41	8x252	3.94	.78	2.50	.38	1.19	.265
3/4	3/4	47012E-G42	12x252	5.50	1.38	3.46	.58	1.50	.265
1	1	47016E-G46	16x252	5.88	1.25	3.12	.75	1.75	.315
1-1/4	1-1/4	47020E-G50	20x252	7.16	1.50	4.02	1.00	2.00	.315
1-1/2	1-1/2	47024E-G54	24x252	7.81	1.41	4.38	1.25	2.38	.315
2	2	47032E-G62	32x252	9.17	2.00	5.40	1.81	2.81	.375

(For Split Flange Kits, see pages 330-333.)

### Split Flange 45° Tube Elbow

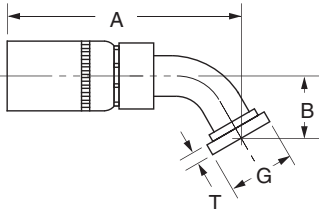
(SAE Code 62)



HOSE I.D.	NOMINAL FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCLUDED)	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. G	T NOMINAL
3/4	3/4	47012E-D42	12x252	5.50	1.38	3.45	.58	1.62	.345
3/4	1	47012E-D46	16x252	5.50	1.38	3.45	.58	1.88	.375
1	1	47016E-D46	16x252	5.88	1.25	3.52	.79	1.88	.375
1	1-1/4	47016E-D50	20x252	5.88	1.25	3.52	.79	2.12	.405
1-1/4	1-1/4	47020E-D50	20x252	7.16	1.50	4.02	1.00	2.12	.405
1-1/4	1-1/2	47020E-D54	24x252	7.16	1.50	4.02	1.00	2.50	.495
1-1/2	1-1/2	47024E-D54	24x252	8.00	1.60	4.59	1.19	2.50	.495

### Split Flange 60° Tube Elbow

(SAE Code 62)

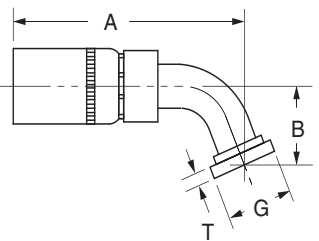


HOSE I.D.	NOMINAL FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCLUDED)	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. G	T NOMINAL
1-1/4	1-1/2	47020E-N55	24x252	7.36	2.28	4.21	1.06	2.50	.495

(For Split Flange Kits, see pages 330-333.)

### Split Flange 67 1/2° Tube Elbow

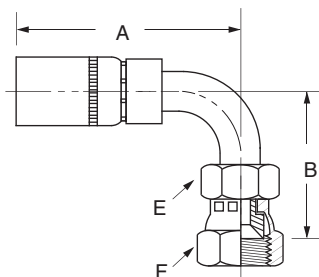
(SAE Code 62)



HOSE I.D.	NOMINAL FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCLUDED)	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. G	T NOMINAL
1	1	47016E-N63	16x252	6.02	2.24	3.63	.75	1.88	.375

(For Split Flange Kits, see pages 330-333.)

### JIC 37° Female Swivel 90° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/2	1/2	47008E-668	3/4-16	3.53	2.12	2.11	.39	7/8	7/8
3/4	3/4	47012E-672	1-1/16-12	5.00	2.88	2.95	.61	1-1/8	1-1/4
1	1	47016E-676	1-5/16-12	5.52	3.46	3.16	.80	1-3/16	1-1/2

# Coll-O-Crimp

## 470 'E' Series

†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

APPLICATION DATA

LOW & MEDIUM PRESSURE HOSE

HIGH PRESSURE HOSE

SPECIALTY HOSE

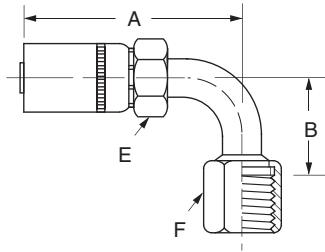
ACCESSORIES & ASSEMBLY INSTRUCTIONS

ADAPTERS & TUBE HOSE ENDS

HOSE ASSEMBLY EQUIPMENT

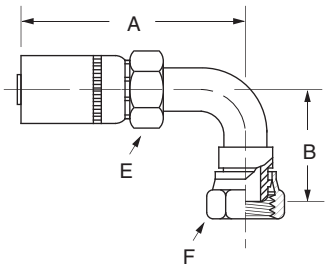
TECHNICAL DATA

### Female FOR-SEAL Swivel 90° Tube Elbow Short Drop



HOSE I.D.	NOMINAL FLANGE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1-1/4	1-1/4	47020E-A40	1-11/16-12	6.37	2.50	3.22	1.00	1-3/4	1-7/8

### British Standard (BSPP) 60° Cone Female Pipe Swivel 90° Elbow

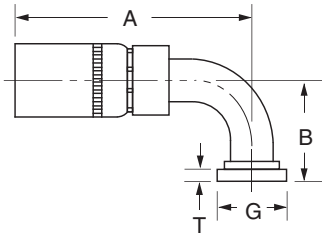


HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
3/4	3/4	47012E-82P	G-3/4-14*	4.98	2.49	2.94	.61	1-1/8	1-1/4
1	1	47016E-86P	G-1-11*	5.52	3.43	3.13	.75	1-3/8	1-1/2

\*G As part of thread size is ISO designation for Parallel thread.

### Split Flange 90° Tube Elbow

(SAE Code 61)

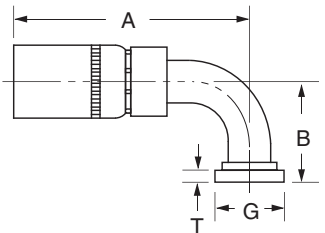


HOSE I.D.	NOMINAL FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCLUDED)	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. G	T NOMINAL
1/2	1/2	47008E-G71	8x252	3.59	1.62	2.17	.50	1.19	.265
3/4	3/4	47012E-G72	12x252	5.00	2.66	2.95	.61	1.50	.265
3/4	1	47012E-G76	16x252	5.00	2.66	2.95	.58	1.75	.315
1	1	47016E-G76	16x252	5.52	2.80	3.16	.75	1.75	.315
1-1/4	1-1/4	47020E-G80	20x252	6.43	2.62	3.29	1.12	2.00	.315
1-1/2	1-1/2	47024E-G84	24x252	7.66	3.13	4.24	1.44	2.38	.315
2	2	47032E-G92	32x252	8.85	4.50	5.08	1.81	2.81	.375

(For Split Flange Kits, see pages 330-333.)

### Split Flange 90° Tube Elbow

(SAE Code 62)



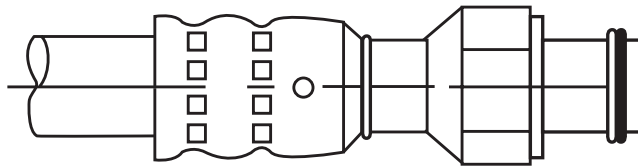
HOSE I.D.	NOMINAL FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCLUDED)	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. G	T NOMINAL
3/4	3/4	47012E-D72	12x252	5.01	2.62	2.94	.64	1.62	.345
3/4	1	47012E-D76	16x252	5.01	2.81	2.94	.60	1.88	.375
1	1	47016E-D76	16x252	5.52	2.79	3.13	.86	1.88	.375
1	1-1/4	47016E-D80	20x252	5.52	2.94	3.13	.86	2.12	.405
1	1-1/2	47016E-D84	24x252	5.75	3.42	3.39	.75	2.50	.495
1-1/4	1-1/4	47020E-D80	20x252	6.61	3.02	3.50	1.03	2.12	.405
1-1/4	1-1/4	47020E-D80L47	20x252	6.61	4.70	3.50	1.03	2.12	.405
1-1/4	1-1/4	47020E-D80L60	20x252	6.61	6.00	3.50	1.03	2.12	.405
1-1/4	1-1/2	47020E-D84	24x252	6.61	3.68	3.50	1.03	2.50	.495
1-1/2	1-1/4	47024E-D80	20x252	6.77	3.02	3.38	1.03	2.12	.405
1-1/2	1-1/2	47024E-D84	24x252	7.57	3.68	4.19	1.28	2.50	.495

(For Split Flange Kits, see pages 330-333.)

# Coll-O-Crimp


## 757 'E' Series

### Hose End 757 'E' Series



#### Ordering Information:

Order individually by catalog number.

 Refer to important safety information on page 4.

#### Typical Applications:

Used with R134a and R12 applications. Ideal for heavy duty truck use as well as industrial and automotive applications.

#### Compatible Hose: H757

**Pressure:** Determined by hose burst pressure. See page 16 for working pressure ratings for hose end different configurations.

**Material:** Carbon steel

**Plating:** Black; zinc with rust preventive.

**Advantages:** Wide selection of hose ends which include the flareless ends, allowing use of existing tubing. Steel hose ends handle heavy duty demands.

**Assemble With:** T-400-1, T-410-1, T-420-1, T-440-1, T-460, T-462, T-465-1, T-475-1, T-480, ET4000.

**Label Set:** FS-3200

#### Note:

Refer to current price list for availability of cataloged items. Configurations and dimensions subject to change without notice.

### 757 'E' Series Air Conditioning Procedure

The Coll-O-Crimp system can be used to make original equipment assemblies using factory replacement ends as listed on page 360. If the required hose end is not found, our Flareless hose end can be used. By following the instructions on this page, a new hose assembly can be made by combining Weatherhead's hose end with the original equipment end configuration.

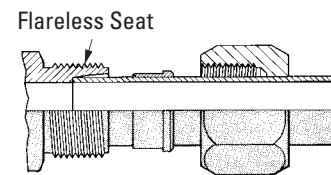
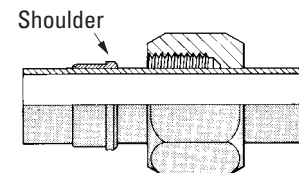
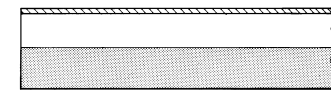
- Typical original equipment assembly.
- Typical assembly of a Flareless hose end used with an old original equipment end configuration.
- Weatherhead replacement assemblies using original equipment tubing with Weatherhead 757 'E' Series hose ends.

#### Preparation - Flareless Tube Assembly

1. Remove the bad tube assembly or if room permits, perform the cutting procedure in place. Cut the tube squarely and as close to the hose connection as possible. Allow an adequate straight area for the flareless nut and sleeve to move freely for installation purposes. Deburr the inside and outside diameters of the tubing.

#### Make Presetting Operation

1. Slide nut and then sleeve onto tube. Shoulder of sleeve must be toward nut.
2. Lubricate threads, seat in hose end and flareless sleeve with a good grade of lubricant. Insert tube into seat of hose end, making sure that tube is bottomed, **TIGHTEN HAND TIGHT** and then tighten an **ADDITIONAL 1 to 1-1/6 turns** with a wrench.



#### Note:

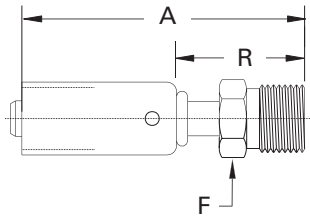
Compensate for tubing being removed by adding to the over all length of the replacement hose assembly.

# Coll-O-Crimp

## 757 'E' Series

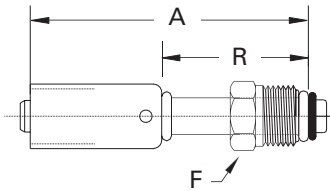
†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly. All dimensions shown in inches.

### Bumped Tube O-Ring Male Rigid



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	LENGTH A	RUN R	HOSE CUT-OFF FACTOR†	HEX F
5/16	3/8	75706E-WV06	5/8-18	2.94	1.54	1.63	5/8
13/32	1/2	75708E-WV08	3/4-16	3.26	1.86	2.00	3/4
1/2	5/8	75710E-WV10	7/8-14	3.35	1.95	2.13	7/8
5/8	5/8	75712E-WV10	7/8-14	3.56	2.06	2.25	7/8
5/8	3/4	75712E-WV12	1-1/16-14	3.56	2.06	2.25	1-1/16

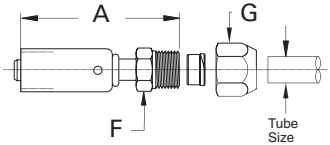
### Bumped Tube O-Ring Male Swivel



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	LENGTH A	RUN R	HOSE CUT-OFF FACTOR†	HEX F	O-RING
5/16	3/8	75706E-Z06	5/8-18	2.94	1.54	1.63	5/8	ZW74706
5/16	1/2	75706E-Z08	3/4-18	3.15	1.75	1.88	3/4	ZW74708
13/32	1/2	75708E-Z08	3/4-18	3.26	1.86	2.00	3/4	ZW74708
1/2	5/8	75710E-Z10	7/8-18	3.35	1.95	2.13	7/8	ZW74710
1/2	3/4	75710E-Z12	1-1/16-16	3.46	2.06	2.25	1-1/16	ZW74712
5/8	5/8	75712E-Z10	7/8-18	3.56	2.06	2.25	7/8	ZW74710
5/8	3/4	75712E-Z12	1-1/16-16	3.56	2.06	2.25	1-1/16	ZW74712

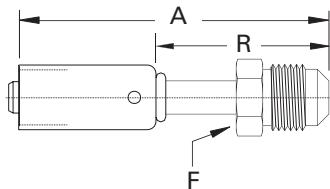
(Includes O-Ring)

### Male Rigid Compression Fitting (With Nut and Sleeve)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	LENGTH A	HOSE CUT-OFF FACTOR†	HEX F	HEX G
5/16	3/8	75706E-756	5/8-18	2.59	1.38	5/8	3/4
5/16	1/2	75706E-758	3/4-16	2.71	1.50	3/4	7/8
13/32	3/8	75708E-756	5/8-18	2.65	1.38	5/8	3/4
13/32	1/2	75708E-758	3/4-16	2.78	1.50	3/4	7/8
13/32	5/8	75708E-760	7/8-14	2.90	1.63	7/8	1-1/16
1/2	1/2	75710E-758	3/4-16	2.84	1.63	3/4	7/8
1/2	5/8	75710E-760	7/8-14	2.90	1.63	7/8	1-1/16
5/8	5/8	75712E-760	7/8-14	3.13	1.75	7/8	1-1/16
5/8	3/4	75712E-762	1-1/16-14	3.25	1.88	1-1/16	1-1/4

### SAE 45° Male Rigid



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	LENGTH A	RUN R	HOSE CUT-OFF FACTOR†	HEX F
5/16	3/8	75706E-306	5/8-18	3.28	1.88	2.00	5/8
13/32	1/2	75708E-308	3/4-16	3.40	2.00	2.13	3/4
1/2	5/8	75710E-310	7/8-14	3.71	2.31	2.50	7/8
5/8	3/4	75712E-312	1-1/16-14	4.00	2.50	2.75	1-1/16

APPLICATION DATA

LOW & MEDIUM PRESSURE HOSE

HIGH PRESSURE HOSE

SPECIALTY HOSE

ACCESSORIES & ASSEMBLY INSTRUCTIONS

ADAPTERS & TUBE HOSE ENDS

HOSE ASSEMBLY EQUIPMENT

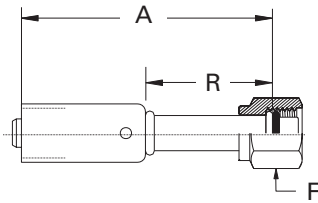
TECHNICAL DATA

# Coll-O-Crimp

## 757 'E' Series

†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly. All dimensions shown in inches.

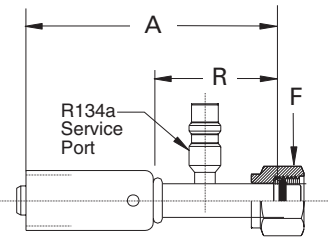
### Bumped Tube O-Ring Female Swivel



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	LENGTH A	RUN R	HOSE CUT-OFF FACTOR†	HEX F	O-RING
5/16	3/8	75706E-Z47	5/8-18	2.78	1.38	1.50	3/4	ZW74706
5/16	1/2	75706E-Z49	3/4-16	2.90	1.50	1.63	7/8	ZW74708
13/32	1/2	75708E-Z49	3/4-16	3.06	1.66	1.75	7/8	ZW74708
13/32	5/8	75708E-Z51	7/8-14	3.09	1.69	1.88	1-1/16	ZW74710
1/2	5/8	75710E-Z51	7/8-14	3.09	1.69	1.88	1-1/16	ZW74710
1/2	3/4	75710E-Z53	1-1/16-14	3.21	1.81	2.00	1-1/4	ZW74712
5/8	5/8	75712E-Z51	7/8-14	3.31	1.81	2.00	1-1/16	ZW74710
5/8	3/4	75712E-Z53	1-1/16-14	3.31	1.81	2.00	1-1/4	ZW74712

(Includes O-Ring)

### Bumped Tube O-Ring Female Swivel W/R134a Service Port



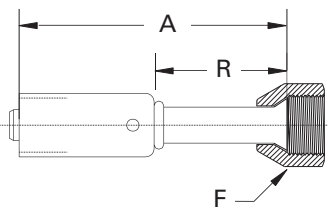
HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	LENGTH A	RUN R	HOSE CUT-OFF FACTOR†	HEX F	O-RING
5/16	3/8	75706E-Z57*	5/8-18	4.28	1.88	3.00	3/4	ZW74706
13/32	1/2	75708E-Z59*	3/4-16	4.28	1.88	3.00	7/8	ZW74708
1/2	5/8	75710E-Z61**	7/8-14	4.52	2.12	3.25	1-1/16	ZW74710
5/8	5/8	75712E-Z61**	7/8-14	4.62	3.05	3.25	1-1/16	ZW74710

\*High Side Port

\*\*Low Side Port

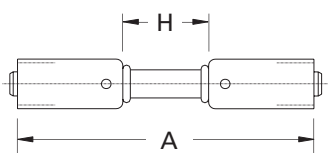
(Includes O-Ring)

### SAE 45° Flare Female Swivel



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	LENGTH A	RUN R	HOSE CUT-OFF FACTOR†	HEX F
5/16	3/8	75706E-406	5/8-18	2.78	1.38	1.50	3/4
5/16	1/2	75706E-408	3/4-16	2.90	1.50	1.75	7/8
13/32	1/2	75708E-408	3/4-16	2.84	1.44	1.56	7/8
1/2	5/8	75710E-410	7/8-14	3.09	1.69	1.81	1-1/16
5/8	5/8	75712E-410	7/8-14	3.25	1.75	2.00	1-1/16
5/8	3/4	75712E-412	1-1/16-14	3.25	1.75	2.00	1-1/4

### Hose Splicer



HOSE I.D.	HOSE I.D.	CATALOG NUMBER	LENGTH A	RUN R	HOSE CUT-OFF FACTOR†
5/16	5/16	75706E-Y36	4.30	1.50	1.50
5/16	13/32	75706E-Y38	4.30	1.50	1.50
13/32	13/32	75708E-Y38	4.30	1.50	1.50
13/32	1/2	75708E-Y40	4.43	1.63	1.63
1/2	1/2	75710E-Y40	4.43	1.63	1.63
1/2	5/8	75710E-Y41	4.65	1.75	1.75
5/8	5/8	75712E-Y41	4.75	1.75	1.75

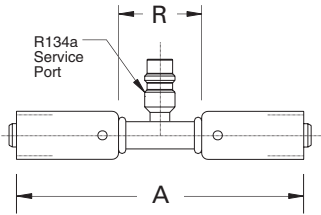
For crimping information see pages 362-367.

# Coll-O-Crimp

## 757 'E' Series

†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly. All dimensions shown in inches.

### Hose Splicer W/R134a Service Port



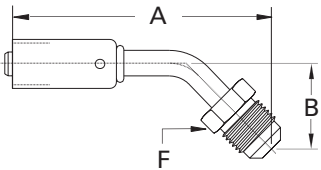
HOSE I.D.	HOSE I.D.	CATALOG NUMBER	LENGTH A	RUN A	HOSE CUT-OFF FACTOR†
5/16	5/16	75706E-Y47*	5.42	2.62	1.50
13/32	13/32	75708E-Y48*	5.42	2.62	1.50
1/2	1/2	75710E-Y49**	5.42	2.62	1.63
5/8	5/8	75712E-Y50**	5.62	2.62	1.75

For crimping information see page 362-367.

\*High Side Port

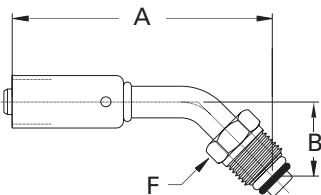
\*\*Low Side Port

### SAE 45° Flare Male Rigid 45° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	LENGTH A	DROP B	HOSE CUT-OFF FACTOR†	HEX F
13/32	1/2	75708E-388	3/4-16	3.65	1.25	2.50	3/4
1/2	5/8	75710E-390	7/8-14	4.21	1.56	3.00	7/8

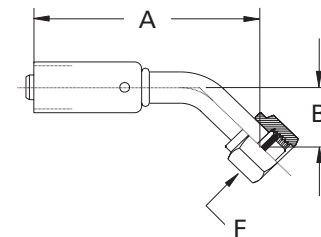
### Bumped Tube O-Ring Male Swivel 45° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	LENGTH A	DROP B	HOSE CUT-OFF FACTOR†	HEX F	O-RING
5/16	3/8	75706E-Z26	5/8-18	3.09	.88	1.88	5/8	ZW74706
13/32	1/2	75708E-Z28	3/4-18	3.59	1.03	2.38	3/4	ZW74708
1/2	5/8	75710E-Z30	7/8-18	3.71	1.06	2.50	7/8	ZW74710
5/8	5/8	75712E-Z30	7/8-18	4.19	1.19	2.88	7/8	ZW74710
5/8	3/4	75712E-Z32	1-1/16-16	4.19	1.19	2.88	1-1/16	ZW74712

(Includes O-Ring)

### Bumped Tube O-Ring Female Swivel 45° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	LENGTH A	DROP B	HOSE CUT-OFF FACTOR†	HEX F	O-RING
5/16	3/8	75706E-VV47	5/8-18	3.51	.68	2.25	3/4	ZW74706
13/32	1/2	75708E-VV49	3/4-16	3.63	1.05	2.25	7/8	ZW74708
1/2	5/8	75710E-VV51	7/8-14	3.65	1.19	2.50	1-1/16	ZW74710
5/8	5/8	75712E-VV51	7/8-14	4.00	1.29	2.75	1-1/16	ZW74710
5/8	3/4	75712E-VV53	1-1/16-14	3.84	.94	2.50	1-1/4	ZW74712

(Includes O-Ring)

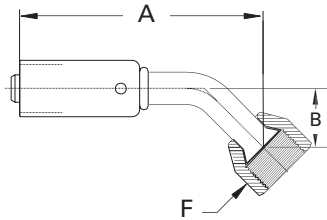


# Coll-O-Crimp

## 757 'E' Series

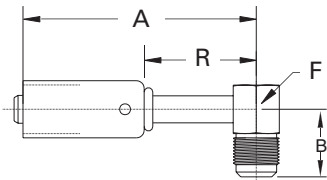
†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly. All dimensions shown in inches.

### SAE 45° Flare Female Swivel 45° Tube Elbow



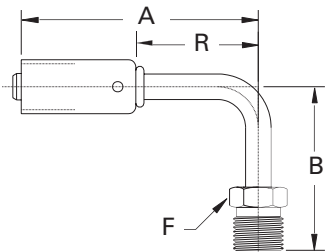
HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	LENGTH A	DROP B	HOSE CUT-OFF FACTOR†	HEX F
5/16	3/8	75706E-486	5/8-18	3.42	.55	2.00	3/4
13/32	1/2	75708E-488	3/4-16	3.72	.58	2.50	7/8
1/2	5/8	75710E-490	7/8-14	4.34	.72	3.00	1-1/16
5/8	5/8	75712E-490	7/8-14	5.00	1.00	3.50	1-1/16
5/8	3/4	75712E-492	1-1/16-14	4.44	.72	3.00	1-1/4

### SAE 45° Male Rigid 90° Elbow



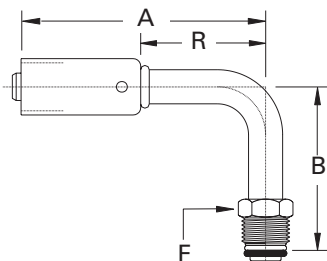
HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	LENGTH A	RUN R	DROP B	HOSE CUT-OFF FACTOR†	HEX/SQUARE F
5/16	3/8	75706E-X06	5/8-18	4.07	2.67	.91	3.00	5/8
13/32	1/2	75708E-X08	3/4-16	4.14	2.74	1.47	3.00	7/8
1/2	5/8	75710E-X10	7/8-14	4.25	2.85	1.47	3.00	7/8
5/8	3/4	75712E-X12	1-1/16-14	4.45	2.95	1.56	3.00	1-1/16

### Bumped Tube O-Ring Male Rigid 90° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	LENGTH A	RUN R	DROP B	HOSE CUT-OFF FACTOR†	HEX F
5/16	3/8	75706E-W66	5/8-18	4.00	2.60	1.53	2.75	5/8
13/32	1/2	75708E-W68	3/4-16	4.07	2.67	2.12	2.75	3/4
1/2	5/8	75710E-W70	7/8-14	4.15	2.75	2.21	2.88	7/8

### Bumped Tube O-Ring Male Swivel 90° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	LENGTH A	RUN R	DROP B	HOSE CUT-OFF FACTOR†	HEX F	O-RING
5/16	3/8	75706E-Z66	5/8-18	4.00	2.60	1.53	2.75	5/8	ZW74706
5/16	1/2	75706E-Z68	3/4-18	4.07	2.67	1.53	2.75	3/4	ZW74708
13/32	3/8	75708E-Z66	5/8-18	4.00	2.60	1.77	2.75	5/8	ZW74706
13/32	1/2	75708E-Z68	3/4-18	4.07	2.67	2.12	2.75	3/4	ZW74708
1/2	5/8	75710E-Z70	7/8-18	4.15	2.75	2.21	2.88	7/8	ZW74710
1/2	3/4	75710E-Z72	1-1/16-16	4.25	2.85	2.35	3.00	1-1/16	ZW74712
5/8	5/8	75712E-Z70	7/8-18	4.24	2.74	2.25	2.88	7/8	ZW74710
5/8	3/4	75712E-Z72	1-1/16-16	4.35	2.85	2.87	3.00	1-1/16	ZW74712

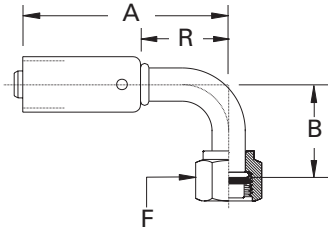
(Includes O-Ring)

# Coll-O-Crimp

## 757 'E' Series

†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly. All dimensions shown in inches.

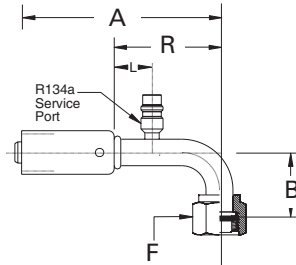
### Bumped Tube O-Ring Female Swivel 90° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	LENGTH A	RUN R	DROP B	HOSE CUT-OFF FACTOR†	HEX F	O-RING
5/16	3/8	75706E-Z87	5/8-18	4.07	2.67	1.12	2.75	3/4	ZW74706
5/16	1/2	75706E-Z89	3/4-16	4.14	2.74	1.31	2.88	7/8	ZW74708
13/32	3/8	75708E-Z87	5/8-18	4.07	2.67	1.31	2.75	3/4	ZW74706
13/32	1/2	75708E-Z89	3/4-16	4.14	2.74	1.50	2.88	7/8	ZW74708
1/2	5/8	75710E-Z91	7/8-14	4.25	2.85	1.75	3.00	1-1/16	ZW74710
5/8	5/8	75712E-Z91	7/8-14	4.35	2.85	1.75	3.00	1-1/16	ZW74710
5/8	3/4	75712E-Z93	1-1/16-14	4.45	2.95	1.75	3.13	1-1/4	ZW74712

(Includes O-Ring)

### Bumped Tube O-Ring Female Swivel 90° Tube Elbow W/R134a Service Port



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	A	THREAD SIZE	RUN R	DROP B	HOSE CUT-OFF FACTOR†	HEX F	LENGTH L	O-RING
5/16	3/8	75706E-Z97*	2.52	5/8-18	2.12	1.12	2.75	3/4	1.50	ZW74706
13/32	1/2	75708E-Z99*	4.15	3/4-16	2.75	1.68	2.88	7/8	1.50	ZW74708
1/2	5/8	75710E-Z01**	3.78	7/8-14	2.38	1.50	3.00	1-1/16	1.50	ZW74710
5/8	5/8	75712E-Z01**	4.61	7/8-14	3.11	1.95	3.00	1-1/16	1.50	ZW74710

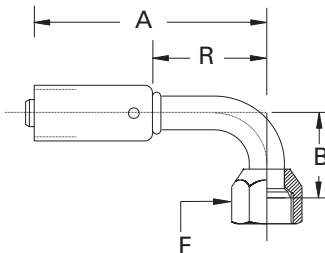
(Includes O-Ring)

For crimping information see pages 362-367.

\*High Side Port

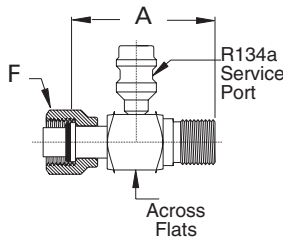
\*\*Low Side Port

### SAE 45° Flare Female Swivel 90° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	A	THREAD SIZE	RUN R	DROP B	HOSE CUT-OFF FACTOR†	HEX F
5/16	3/8	75706E-466	4.07	5/8-18	2.67	1.12	2.75	3/4
13/32	1/2	75708E-468	4.14	3/4-16	2.74	1.31	2.88	7/8
1/2	5/8	75710E-470	4.25	7/8-14	2.85	1.56	3.00	1-1/16
5/8	5/8	75712E-470	4.35	7/8-14	2.85	1.50	3.00	1-1/16
5/8	3/4	75712E-472	4.45	1-1/16-14	2.95	1.75	3.13	1-1/4

### Bumped Tube O-Ring Service Port Adapter W/R134a Service Port



TUBE SIZE	CATALOG NUMBER	THREAD SIZE	LENGTH A	ACROSS FLATS	HEX F	O-RING
3/8	75701*	5/8-18	2.02	5/81	3/4	ZW74706
1/2	75702*	3/4-16	2.22	7/8	7/8	ZW74708
5/8	75704**	7/8-14	2.63	7/8	1-1/16	ZW74710
3/4	75706**	1-1/16-14	2.89	1-1/16	1-1/4	ZW74712

(Includes O-Ring)

\*High Side Port

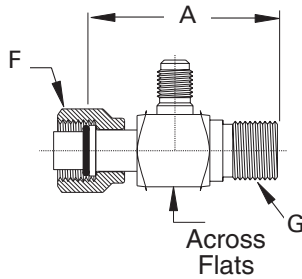
\*\*Low Side Port

# Coll-O-Crimp

## 757 'E' Series

† To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of the assembly. All dimensions shown in inches.

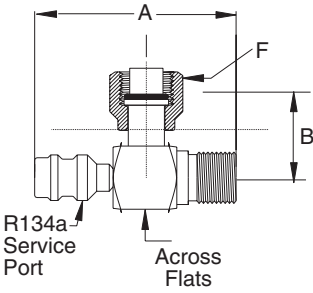
### Bumped Tube O-Ring Service Port Adapter W/R12 Service Port



TUBE SIZE	CATALOG NUMBER	THREAD SIZE G	LENGTH A	ACROSS FLATS	HEX F	SERVICE PORT THREAD	O-RING
3/8	R12-Z56*	5/8-18	2.02	5/81	3/4	3/8-24	ZW74706
1/2	R12-Z58*	3/4-16	2.22	7/8	7/8	3/8-24	ZW74708
5/8	R12-Z60**	7/8-14	2.63	7/8	1-1/16	3/8-24	ZW74710
3/4	R12-Z62**	1-1/16-14	2.89	1-1/16	1-1/4	7/16-20	ZW74712

(Includes O-Ring)  
\*High Side Port  
\*\*Low Side Port

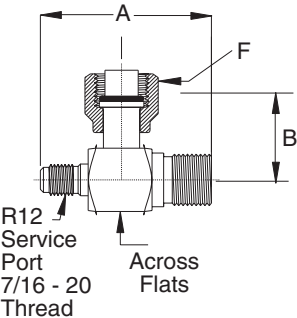
### 90° Bumped Tube O-Ring R134a Service Port Adapter



TUBE SIZE	CATALOG NUMBER	THREAD SIZE	LENGTH A	DROP B	ACROSS FLATS	HEX F	O-RING
3/8	75729*	5/8-18	2.40	1.05	5/8	3/4	ZW74706
1/2	75730*	3/4-16	2.60	1.15	7/8	7/8	ZW74708
5/8	75731**	7/8-14	2.74	1.30	7/8	1-1/16	ZW74710
3/4	75732**	1-1/16-14	3.10	1.39	1-1/16	1-1/4	ZW74712

(Includes O-Ring)  
\*High Side Port  
\*\*Low Side Port

### 90° Bumped Tube O-Ring R12 Service Port Adapter

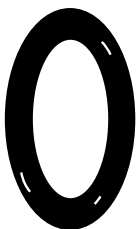


TUBE SIZE	CATALOG NUMBER	THREAD SIZE	LENGTH A	DROP B	ACROSS FLATS	HEX F	O-RING
3/8	R12-Z96*	5/8-18	2.07	1.05	5/8	3/4	ZW74706
1/2	R12-Z97*	3/4-16	2.27	1.15	7/8	7/8	ZW74708
5/8	R12-Z98**	7/8-14	2.41	1.30	7/8	1-1/16	ZW74710
3/4	R12-Z99**	1-1/16-16	2.77	1.39	1-1/16	1-1/4	ZW74712

(Includes O-Ring)

**Note:**  
\*3/8-24 Thread (High Side Port)  
\*\*7/16-20 Thread (Low Side Port)

### Replacement O-Rings



TUBE O.D.	CATALOG NUMBER
3/8	ZW74706
1/2	ZW74708
5/8	ZW74710
3/4	ZW74712

**Material:** Hydrogenated Nitrile (HNBR), 70 Durometer

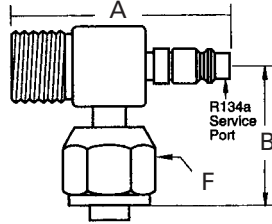
**Temperature Range:** -40°F to +250°F (-40°C to +121°C)  
**Color:** Green

# Coll-O-Crimp

## 757 'E' Series

† To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of the assembly. All dimensions shown in inches.

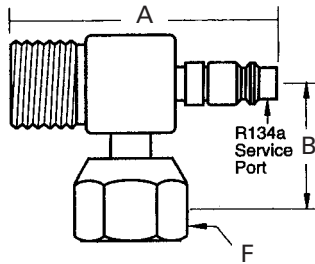
### Tube-O to Male Bumped Tube O-Ring 90° Elbow with R134a Service



TUBE SIZE	CATALOG NUMBER	LENGTH A	DROP B	TUBE-O THREAD F
1/2	75750*	2.64	1.15	3/4-16
5/8	75751**	2.78	1.29	7/8-14

\* High-Side  
\*\* Low-Side

### Rotalok to Male Bumped Tube O-Ring 90° Elbow with R134a Service

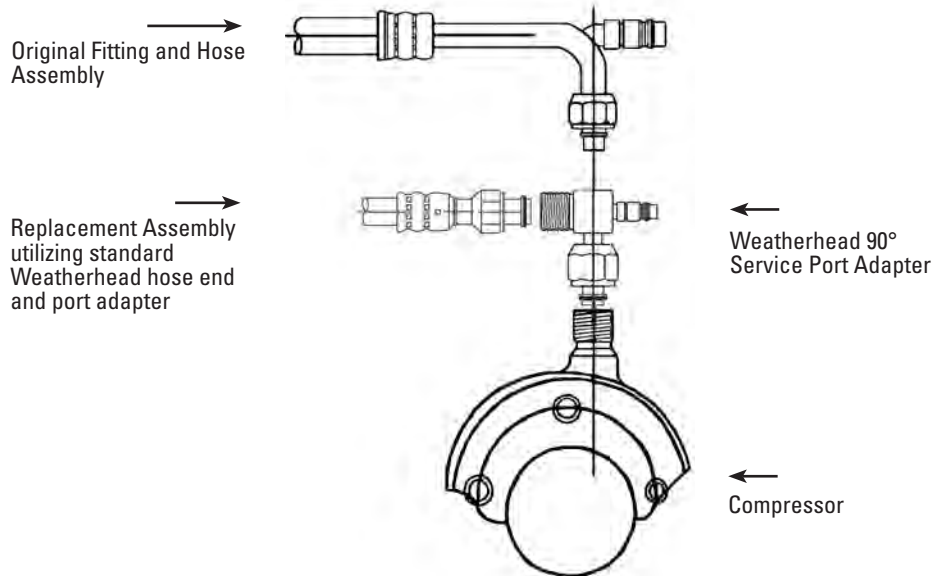


TUBE SIZE	CATALOG NUMBER	LENGTH A	DROP B	ROTALOK THREAD F
1/2	75760*	2.64	1.15	1-14
5/8	75761**	2.78	1.29	1-14

\* High-Side  
\*\* Low-Side

### Service Instructions for Replacement of Damaged O.E. Hose Assemblies

Weatherhead service port adapters offer an alternative to the high cost of replacement and time out of service which can occur when an air conditioning assembly is damaged. By using the Weatherhead adapter, service personnel can remove the damaged end and replace it with a standard Weatherhead 757 'E' series hose end used in conjunction with a Weatherhead service port adapter. This is a welcome solution to get your customer back on the road without special orders and long delays.

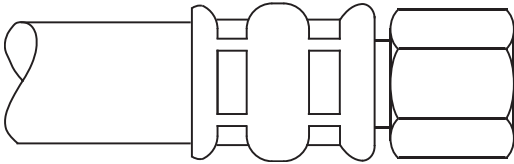


APPLICATION DATA  
LOW & MEDIUM PRESSURE HOSE  
HIGH PRESSURE HOSE  
SPECIALTY HOSE  
ACCESSORIES & ASSEMBLY INSTRUCTIONS  
ADAPTERS & TUBE HOSE ENDS  
HOSE ASSEMBLY EQUIPMENT  
TECHNICAL DATA

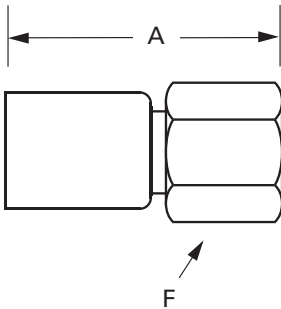
# Coll-O-Crimp

## 057 'P' Series

### Hose End 057 'P' Series



### SAE 45° Female Swivel



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
1/2	1/2	05708P-408	7/8-14	1.96	.99	.34	7/8
5/8	5/8	05710P-410	3/7-16	1.08	1.10	.44	1

### Ordering Information:

Order individually by catalog number.

Refer to important safety information on page 4.

**Typical Application:** High pressure truck hose for use in transmission oil cooler lines, fuel lines and diesel fuel lines.

### Compatible Hose:

**Pressure:** Determined by hose burst pressure. See page 16 for working pressure ratings for hose end configurations.

**Material:** CA 360 Brass

**Advantages:** For use with hot oil and high temperature petroleum oils.

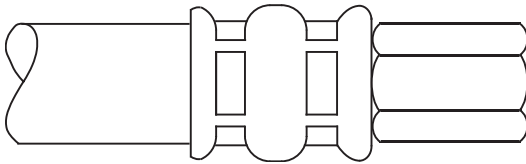
**Assemble With:** T-400-1, T-410-1, T-420-1, T-440-1, T-460, T-462, T-465-1, T-480, ET4000

†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

# Coll-O-Crimp

## 229 'P' Series

### Hose End 229 'P' Series



**Note:**

**Ordering Information:**

Order individually by catalog number.

Refer to current price list for availability of cataloged items. Configurations and dimensions subject to change without notice.

Refer to important safety information on page 4.

**Typical Application:**

Medium pressure air, fuel, grease, oil, truck and power steering lines.

**Compatible Hose:** H059; H229; H239

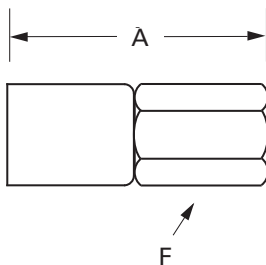
**Pressure:** Determined by maximum working pressure for hose size. See page 16 for working pressure ratings for hose end configurations.

**Material:** CA360 Brass

**Advantages:** A permanent hose end saves time and is easy to assemble. Brass material offers excellent resistance against corrosion.

**Assemble With:** T-400-1, T-410-1, T-420-1, T-440-1, T-460, T-462, T-465-1, T-480, ET4000

### SAE 45° Flare Female Swivel



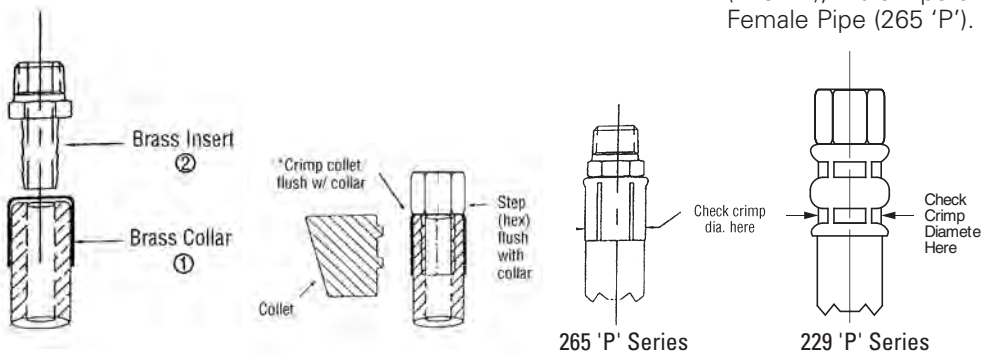
HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
3/16	1/4	22904P-404	7/16-20	1.69	.75	.13	9/16
5/16	3/8	22906P-406	5/8-18	1.80	.81	.25	3/4
13/32	1/2	22908P-408	3/4-16	1.96	1.00	.34	7/8
1/2	5/8	22910P-410	7/8-14	2.08	1.12	.44	1

**Note:**

Collar is not attached to insert.

†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

### Componentry for 229 'P' & 265 'P' Series Hose Ends



**1. Brass Collar**

**2. Brass Insert.**

Female SAE 45° Swivel (229 'P'), Male Pipe or Female Pipe (265 'P').

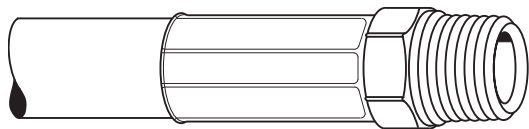
### Assembly Instructions for 229 'P' & 265 'P' Series Hose Ends

1. Push collar onto hose until bottomed.
2. Push insert into hose until step on insert (or hex) is flush with collar.
3. Check for bottoming by checking collar movement along insert. Hose is bottomed when collar cannot slide along insert.
4. Position top of collar so that it is flush with the top of the collet. Follow recommended Coll-O-Crimp operating procedures found in the back of this catalog.

# Coll-O-Crimp

## 265 'P' Series

### Hose End 265 P Series


**Note:**

For Assembly Instructions see page 135.

**Ordering Information:**

Order individually by catalog number. To order replacement collar only, use base number followed by "COO" suffix.

(Example: 26504P-COO)

Refer to important safety information on page 4.

**Typical Application:**

General purpose low- pressure air and water lines.

**Compatible Hose:**

H265; H275; H285

**Pressure:** Determined by maximum working pressure for hose size.

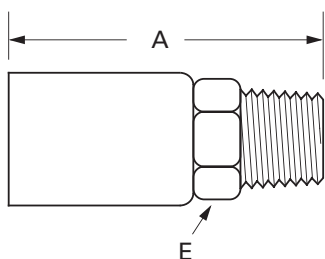
**Material:** CA360 Brass

**Advantages:** One piece construction, easy to assemble, corrosion resistant.

**Assemble With:** T-400-1, T-410-1, T-420-1, T-440-1, T-460, T-462, T-465-1, T-480, ET4000

†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

### Male Pipe Rigid

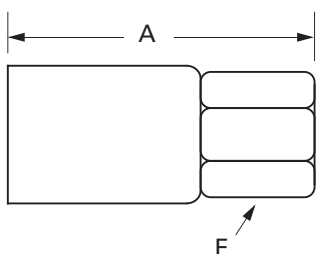


HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
1/4	1/8	26504P-102	1/8-27	1.56	.56	.18	7/16
1/4	1/4	26504P-104	1/4-18	1.63	.63	.18	9/16
1/4	3/8	26504P-106	3/8-18	1.75	.75	.18	11/16
3/8	1/8	26506P-102	1/8-27	1.56	.56	.25	7/16
3/8	1/4	26506P-104	1/4-18	1.75	.75	.31	9/16
3/8	3/8	26506P-106	3/8-18	1.74	.75	.28	11/16
3/8	1/2	26506P-108	1/2-14	1.94	1.00	.28	7/8
1/2	1/4	26508P-104	1/4-18	1.73	.75	.37	9/16
1/2	3/8	26508P-106	3/8-18	1.71	.75	.37	11/16
1/2	1/2	26508P-108	1/2-14	1.94	1.00	.37	7/8
1/2	3/4	26508P-112	3/4-18	1.94	1.00	.37	1-1/8
3/4	1/2	26512P-108	1/2-14	1.94	1.00	.37	1-1/8
3/4	3/4	26512P-112	3/4-14	1.92	1.00	.56	1-1/8

**Note:**

Collar is not attached to insert.

### Female Pipe Rigid



HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
1/4	1/8	26504P-202	1/8-27	1.49	.50	.18	9/16
1/4	1/4	26504P-204	1/4-18	1.60	.63	.18	11/16
3/8	1/8	26506P-202	1/8-27	1.49	.50	.28	9/16
3/8	1/4	26506P-204	1/4-18	1.60	.63	.28	11/16
3/8	3/8	26506P-206	3/8-18	1.66	.69	.28	13/16
1/2	1/4	26508P-204	1/4-18	1.57	.63	.37	11/16
1/2	3/8	26508P-206	3/8-18	1.63	.69	.37	13/16
1/2	1/2	26508P-208	1/2-14	1.85	.88	.37	1

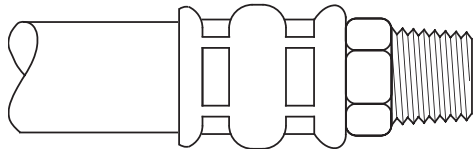
**Note:**

Collar is not attached to insert.

# Coll-O-Crimp

## 338 'P' Series

### Hose End 338 P Series



#### Note:

See page 402 for important hose labeling information.

#### Ordering Information:

Order individually by catalog number.



Refer to important safety information on page 4.

**Typical Application:** Air brake hose lines

**Compatible Hose:** H338

**Pressure:** Determined by hose burst pressure. See page 16 for working pressure ratings for hose end configurations.

**Material:** CA360 Brass

**Advantages:** A permanent hose end saves time and is easy to assemble. Brass material offers excellent resistance against corrosion.

**Assemble With:** T-400-1, T-410-1, T-420-1, T-440-1, T-460, T-462, T-465, T-480 and ET4000.

(For Field Attachable Ends refer to pages 186-215.)

**Label Set:** FS-2900

#### Componentry

1. Brass Collar
2. Brass Insert. Male pipe or brass swivel insert with brass SAE nut.
3. Brass A.B.S. insert with steel A.B.S. swivel nut.

#### Assembly Instructions

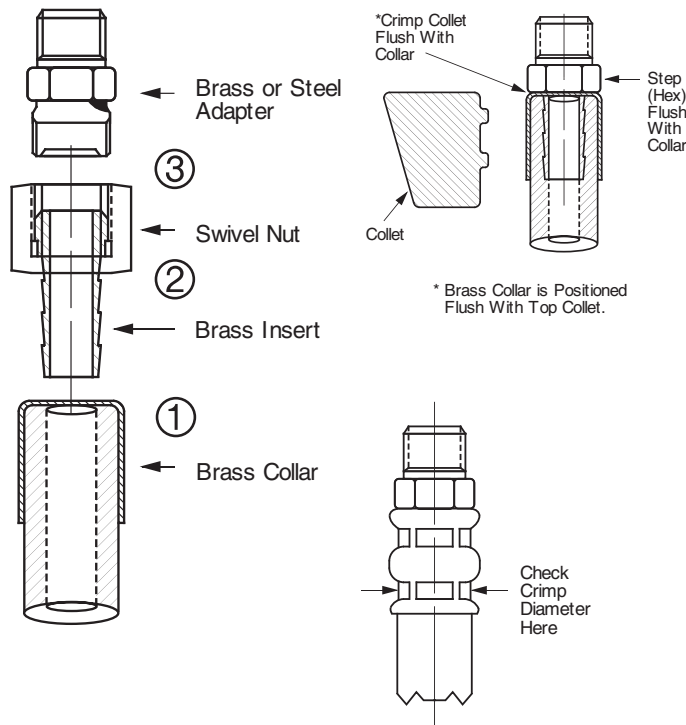
1. Push collar onto hose until bottomed.
2. Push insert into hose until step on insert (or hex) is flush with collar.

#### Note:

Swivel fittings require the use of a mandrel or an assembled adapter to push on the insert for assembly. Adapter can be removed after fitting assembly. Light lubricant may be required to assemble fitting into hose.

3. Check for bottoming by checking collar movement along insert. Hose is bottomed when collar cannot slide along insert.

4. Depending on Coll-O-Crimp system, follow recommended operating procedures.



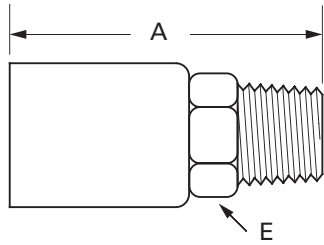


# Coll-O-Crimp

## 338 'P' Series

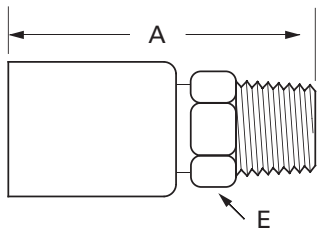
†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

### Male Pipe Rigid



HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
3/8	1/4	33806P-104	1/4-18	1.71	.75	.28	9/16
3/8	3/8	33806P-106	3/8-18	1.72	.81	.28	11/16
3/8	1/2	33806P-108	1/2-14	1.95	1.00	.28	7/8
1/2	3/8	33808P-106	3/8-18	1.73	.81	.38	11/16
1/2	1/2	33808P-108	1/2-14	1.94	1.00	.38	7/8

### Male Pipe Swivel

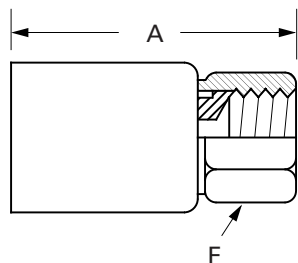


HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
3/8	3/8	33806P-J06	3/8-18	1.66	.81	.28	11/16

**Note:**

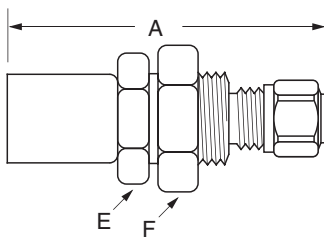
Swivel for installation purposes only.

### SAE 45° Female Swivel



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
3/8	3/8	33806P-406	5/8-18	1.31	1.00	.28	3/4
1/2	1/2	33808P-408	3/4-16	1.36	1.00	.38	7/8

### Air Brake Slider Line



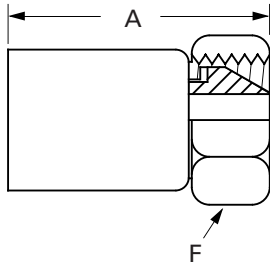
HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
3/8	3/8	33806P-Y66	17/32-24	2.41	1.00	.28	1-1/16	1-1/8
3/8	1/2	33806P-Y68	11/16-20	2.51	1.00	.28	1-1/16	1-1/8
1/2	1/2	33808P-Y68	11/16-20	2.69	1.28	.41	7/8	13/16

# Coll-O-Crimp

## 338 'P' Series

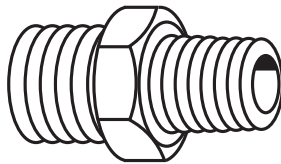
†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

### Air Brake Swivel



HOSE I.D.	ABS SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
3/8	3/8	33806P-Y76	3/4-20	1.38	1.00	.28	7/8
1/2	3/8	33808P-Y76	3/4-20	1.38	1.00	.28	7/8
1/2	1/2	33808P-Y78	7/8-20	1.44	1.00	.38	1

### Adapter



ABS THREAD SIZE	PIPE SIZE	CATALOG NUMBER	OVERALL LENGTH	ABS THREAD SIZE
3/8	1/4	1390x6	1.18	3/4-20
3/8	3/8	1390x6x6	1.18	3/4-20
3/8	1/2	1390x6x8	1.37	3/4-20
1/2	3/8	1390x8	1.18	7/8-20
1/2	1/2	1390x8x8	1.37	7/8-20

APPLICATION DATA

LOW & MEDIUM PRESSURE HOSE

HIGH PRESSURE HOSE

SPECIALTY HOSE

ACCESSORIES & ASSEMBLY INSTRUCTIONS

ADAPTERS & TUBE HOSE ENDS

HOSE ASSEMBLY EQUIPMENT

TECHNICAL DATA