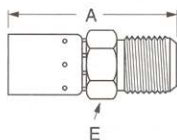


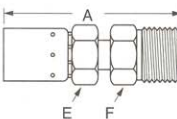
†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

JIC 37° Male Rigid



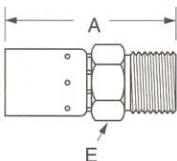
HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
1/4	1/4	04E-504	7/16-20	1.78	.94	.16	1/2
1/4	5/16	04E-505	1/2-20	1.78	.94	.19	9/16
1/4	3/8	04E-506	9/16-18	1.82	1.00	.22	5/8
5/16	5/16	05E-505	1/2-20	1.86	.94	.22	9/16
3/8	3/8	06E-506	9/16-18	1.92	1.00	.27	5/8
3/8	1/2	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



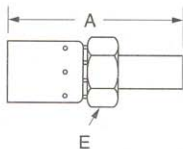
HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	3/16	04E-B03	3/8-24	3.06	2.19	.12	7/16	3/8
1/4	1/4	04E-B04	7/16-24	2.44	1.63	.15	7/16	7/16
1/4	5/16	04E-B05	1/2-20	3.71	2.88	.16	7/16	1/2
5/16	5/16	05E-B05	1/2-20	2.57	1.61	.21	9/16	1/2
3/8	5/16	06E-B05	1/2-20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

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

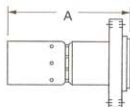
Insert - Brass
Collar - Steel

†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.

**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

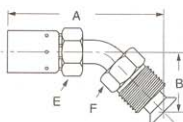
**Compressor Discharge
Flange End – GM Bus Only**
(For Use With H243 PTFE Hose
Only)



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

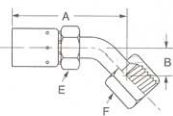
Note: Part will not crimp in T420 press.

**Inverted Male Swivel
45° Tube Elbow**

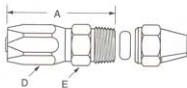


HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	3/16	04E-B43	3/8-24	2.82	.69	2.00	.12	7/16	3/8
1/4	1/4	04E-B44	7/16-24	2.94	.93	2.13	.15	7/16	7/16
1/4	5/16	04E-B45	1/2-20	3.32	1.14	2.50	.21	7/16	1/2
3/8	5/16	06E-B45	1/2-20	3.37	1.14	2.44	.21	9/16	1/2
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

**JIC 37° Female
Swivel 45° 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 E	HEX F
1/4	1/4	04E-684 [‡]	7/16-20	2.37	.33	1.56	.15	7/16	9/16
1/4	5/16	04E-685 [‡]	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 [‡]	3/4-16	2.99	.56	2.00	.27	5/8	7/8
1/2	1/2	08E-688 [‡]	3/4-16	2.88	.56	1.78	.33	3/4	7/8
1/2	5/8	08E-690 [‡]	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

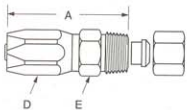
Air Brake Connection
 (Hose to Copper/ Nylon Tubing)
 (For 150 PSI Air Pressure Max.)


HOSE ID	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	HOSE CUT-OFF FACTOR		HOLE DIA.	HEX D	HEX E
				A				
13/32	3/8	24708B-Y56	17/32-24	2.36	1.25	.361	15/16	7/8
1/2	1/2	24710B-Y58	11/16-20	2.66	1.38	.453	1-1/8	7/8
1/2	5/8	24710B-Y60	13/16-18	2.72	1.44	.453	1-1/8	7/8
5/8	3/4	24712B-Y62	1-18	3.14	1.56	.549	1-1/4	1

(Nut and Sleeve not included.)

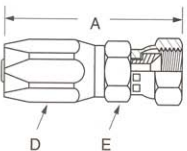
HOSE TO COPPERTUBING
HOSE TO NYLONTUBING

TUBE SIZE	CATALOG NUMBER SLEEVE	CATALOG NUMBER NUT	CATALOG NUMBER SLEEVE	CATALOG NUMBER NUT	CATALOG NUMBER INSERT
3/8	1360x6	1361x6	1460x6	1461x6	1484x6
1/2	1360x8	1361x8	1460x8	1461x8	1484x8
5/8	1360x10	1361x10	1460x10	1461x10	1484x10
3/4	1360x12	1361x12	1460x12	1461x12	1484x12

Flareless Tube Rigid
Ermeto[®] 7000 Series
 (With Nut and Sleeve)


HOSE ID	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	HOSE CUT-OFF FACTOR		HOLE DIA.	HEX D	HEX E
				A				
5/16	1/4	24706N-754	7/16-20	2.02	1.13	.20	13/16	5/8
5/16	5/16	24706N-755	1/2-20	1.96	1.13	.23	13/16	5/8
5/16	3/8	24706N-756	9/16-18	1.98	1.13	.28	13/16	11/16
5/16	1/2	24706N-758	3/4-16	2.12	1.25	.28	13/16	13/16

(For replacement Nuts and Sleeves, see page 299.)

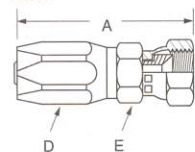
JIC 37° Female Swivel
 (Exceptions Noted, Refer to
 Footnotes)


HOSE ID	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	HOSE CUT-OFF FACTOR		HOLE DIA.	HEX D	HEX E
				A				
3/16	1/4	24704N-604 ^a	7/16-20	2.01	1.31	.13	5/8	9/16
1/4	5/16	24705N-605 ^a	1/2-20	2.19	1.50	.18	11/16	5/8
5/16	1/4	24706N-604 ^a	7/16-20	2.19	1.31	.17	13/16	9/16
5/16	5/16	24706N-605 ^a	1/2-20	2.38	1.50	.25	13/16	5/8
5/16	3/8	24706N-606	9/16-18	2.35	1.50	.25	13/16	11/16
5/16	1/2	24706N-608 ^a	3/4-16	2.45	1.56	.39	13/16	7/8
13/32	1/2	24708N-608 ^a	3/4-16	2.82	1.75	.36	15/16	7/8
1/2	1/2	24710N-608 ^a	3/4-16	3.04	1.75	.39	1-1/8	7/8
1/2	5/8	24710N-610 ^a	7/8-14	3.04	1.75	.45	1-1/8	1
5/8	3/4	24712N-612	1-1/16-12	3.46	1.94	.55	1-1/4	1-1/4
7/8	1	24716N-616	1-5/16-12	3.21	2.00	.81	1-7/16	1-1/2

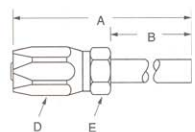
†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

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

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

SAE 45° Flare Female Swivel


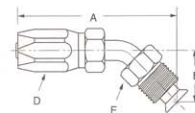
HOSE ID	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR	HOLE DIA.	HEX D	HEX F
5/16	3/8	24706N-406	5/8-18	2.28	1.38	.25	13/16	3/4
13/32	3/8	24708N-406	5/8-18	2.65	1.56	.28	15/16	3/4
5/8	3/4	24712N-412	1-1/16-14	3.54	2.00	.55	1-1/4	1-1/4

Straight Tube - Extended


HOSE ID	TUBE SIZE	CATALOG NUMBER	A	B	HOSE CUT-OFF FACTOR	HOLE DIA.	HEX D	HEX E
3/16	1/4	24704N-T54	5.22	3.75	4.50	.12	5/8	1/2
1/4	5/16	24705N-T55	6.33	4.80	5.56	.18	11/16	1/2
5/16	3/8	24706N-T56	7.42	5.80	6.50	.25	13/16	1/2
13/32	1/2	24708N-T58	8.78	6.69	7.63	.36	15/16	3/4
1/2	5/8	24710N-T60	9.91	7.69	8.63	.45	1-1/8	7/8

HOSE TO COPPERTUBING
HOSE TO NYLON TUBING

TUBE SIZE	CATALOG NUMBER SLEEVE	CATALOG NUMBER NUT	CATALOG NUMBER SLEEVE	CATALOG NUMBER NUT	CATALOG NUMBER INSERT
3/8	1360x6	1361x6	1460x6	1461x6	1484x6
1/2	1360x8	1361x8	1460x8	1461x8	1484x8
5/8	1360x10	1361x10	1460x10	1461x10	1484x10
3/4	1360x12	1361x12	1460x12	1461x12	1484x12

**Inverted Male Swivel
45° Tube Elbow**


HOSE ID	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR	HOLE DIA.	HEX D	HEX F
1/4	5/16	24705N-E45	1/2-20	3.42	1.14	2.63	.18	11/16	1/2