

INDUSTRIAL HOSE & FITTINGS

WEATHERHEAD TEFLON COUPLINGS

Hose Ends

HOSE END SERIES: 'E' series.

TYPICAL APPLICATION: General purpose low and medium pressure hydraulics. Use H435 where shock hazards exist.

COMPATIBLE HOSE: H009, H209, H243, H265, H275, H285, H435, H436.

PRESSURE: Determined by maximum working pressure for hose size and hose end configuration whichever is lesser.

MATERIAL: AISI/SAE 12L14 carbon steel.

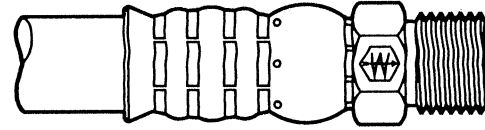
PLATING: Zinc; yellow dichromate finish.

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

ASSEMBLE WITH: T-400-1, T-420-1, T-440-1, T450-1, T-460, T-462.

ORDERING INFORMATION: Order individually by catalog number.

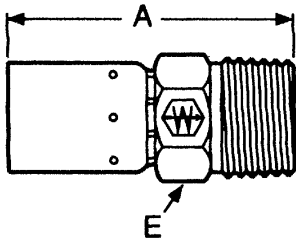
LABEL SET: FS-1200.



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

WARNING: For Teflon hose applications, 'E' Series fitting must be used with H243 .030" thin wall hose only.

Male Pipe Rigid

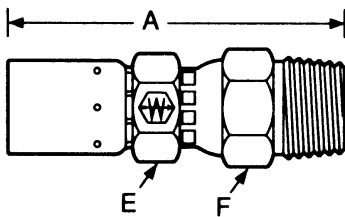


SPECIFICATIONS

RB&H #	HOSE I.D. (IN.)	PIPE SIZE (IN.)	THREAD SIZE (IN.)	"A" (IN.)	HOSE CUT-OFF FACTOR	HOLE DIAMETER (IN.)	"E" HEX (IN.)
04E-102	1/4	1/8	1/8 - 27	1.60	3/4	.16	7/16
04E-104	1/4	1/4	1/4 - 18	1.79	1	.16	9/16
04E-106	1/4	3/8	3/8 - 18	1.82	1	.16	1 1/16
05E-104	5/16	1/4	1/4 - 18	1.86	15/16	.22	9/16
05E-106	5/16	3/8	3/8 - 18	1.89	1	.22	1 1/16
06E-104	3/8	1/4	1/4 - 18	1.90	1	.27	9/16
06E-106	3/8	3/8	3/8 - 18	1.93	1	.27	1 1/16
06E-108	3/8	1/2	1/2 - 14	2.17	1 1/4	.27	7/8
08E-106	1/2	3/8	3/8 - 18	2.02	1	.38	3/4
08E-108	1/2	1/2	1/2 - 14	2.27	1 1/4	.38	7/8
12E-112	3/4	3/4	3/4 - 14	2.51	1 5/16	.61	1 1/16
16E-116	1	1	1 1/2 - 11	2.95	1 5/8	.84	1 3/8

Male Pipe Swivel

NOT FOR TEMPERATURES ABOVE +200°F



SPECIFICATIONS

RB&H #	HOSE I.D. (IN.)	PIPE SIZE (IN.)	THREAD SIZE (IN.)	"A" (IN.)	HOSE CUT-OFF FACTOR	HOLE DIAMETER (IN.)	"E" HEX (IN.)	"F" HEX (IN.)
04E-J04	1/4	1/4	1/4 - 18	2.68	1 13/16	.16	5/8	1 3/16
05E-J04	5/16	1/4	1/4 - 18	2.75	1 13/16	.22	5/8	1 3/16
06E-J06	3/8	3/8	3/8 - 18	2.79	1 13/16	.27	1 1/16	7/8
08E-J08	1/2	1/2	1/2 - 14	3.03	2	.39	3/4	7/8
12E-J12	3/4	3/4	3/4 - 14	3.73	2 9/16	.61	1 1/4	1 1/4

NOTE: Swivel for installation purposes only

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

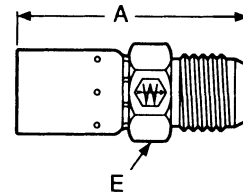
INDUSTRIAL HOSE & FITTINGS

WEATHERHEAD TEFLON COUPLINGS

SPECIFICATIONS

RB&H #	HOSE I.D. (IN.)	TUBE SIZE (IN.)	THREAD SIZE (IN.)	"A" (IN.)	HOSE CUT-OFF FACTOR	HOLE DIAMETER (IN.)	"E" HEX (IN.)
04E-504	1/4	1/4	7/16 - 20	1.78	19/16	.16	1/2
04E-505	1/4	5/16	1/2 - 20	1.78	19/16	.19	9/16
04E-506	1/4	3/8	9/16 - 18	1.82	1	.22	5/8
05E-505	5/16	5/16	1/2 - 20	1.86	19/16	.22	9/16
06E-506	3/8	3/8	9/16 - 18	1.92	1	.22	5/8
06E-508	3/8	1/2	3/4 - 16	2.08	1 3/16	.33	13/16
08E-508	1/2	1/2	3/4 - 16	2.18	1 3/16	.38	13/16
08E-510	1/2	5/8	7/8 - 14	2.31	1 1/4	.42	15/16
12E-512	3/4	3/4	1 1/16 - 12	2.63	1 7/16	.61	1 1/8
16E-516	1	1	1 5/16 - 12	2.83	1 1/2	.84	1 3/8

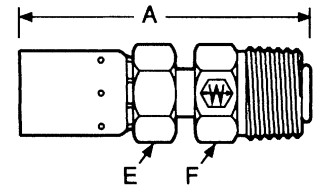
**SAE 37° (JIC)
Male Rigid**



SPECIFICATIONS

RB&H #	HOSE I.D. (IN.)	TUBE SIZE (IN.)	THREAD SIZE (IN.)	"A" (IN.)	HOSE CUT-OFF FACTOR	HOLE DIAMETER (IN.)	"E" HEX (IN.)	"F" HEX (IN.)
04E-B03	1/4	3/16	3/8 - 24	3.06	2 3/16	.12	7/16	3/8
04E-B04	1/4	1/4	7/16 - 24	2.44	1 5/8	.15	7/16	7/16
04E-B05	1/4	5/16	1/2 - 20	3.71	2 7/8	.16	7/16	1/2
06E-B05	3/8	5/16	1/2 - 20	2.56	1 5/8	.21	9/16	1/2
06E-B06	3/8	3/8	5/8 - 18	2.81	1 13/16	.24	5/8	5/8
08E-B08	1/2	1/2	3/4 - 18	3.14	2 1/16	.33	3/4	3/4

**Inverted Male
Swivel Straight**

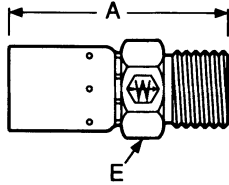


INDUSTRIAL HOSE & FITTINGS

WEATHERHEAD TEFLON COUPLINGS

**Air Brake
Connection - Tube**

FOR USE WITH H243 TEFLON
HOSE ONLY



SPECIFICATIONS

RB&H #	HOSE I.D. (IN.)	TUBE SIZE (IN.)	THREAD SIZE (IN.)	"A" (IN.)	HOSE CUT-OFF FACTOR	HOLE DIAMETER (IN.)	"E" HEX (IN.)
08E-Y58	1/2	1/2	1 1/16 - 20	2.12	1 1/16	.38	3/4
08E-Y60	1/2	5/8	1 3/16 - 18	2.18	1 1/8	.38	7/8
12E-Y60	3/4	5/8	1 3/16 - 18	2.31	1 1/8	.53	1
12E-Y62	3/4	3/4	1 - 18	2.38	1 3/16	.61	1

Sleeve & Nut

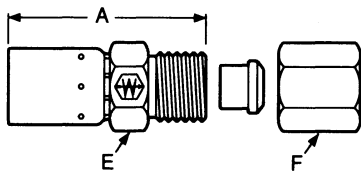
TO CONNECT AIRBRAKE
HOSE TO COPPER TUBING

SPECIFICATIONS

TUBE SIZE (IN.)	PRODUCT I.D.	
	SLEEVE RB&H #	NUT RB&H #
1 1/2	1360X6	1361X6
2	1360X8	1361X8
3	1360X10	1361X10
4	1360X12	1361X12

Flareless Tube Rigid

WITH NUT AND SLEEVE



SPECIFICATIONS

RB&H #	HOSE I.D. (IN.)	TUBE SIZE (IN.)	THREAD SIZE (IN.)	"A" (IN.)	HOSE CUT-OFF FACTOR	HOLE DIAMETER (IN.)	"E" HEX (IN.)	"F" HEX (IN.)
05E-756	5/16	3/8	9/16 - 18	1.88	1	.22	5/8	1 1/16
06E-755	3/8	5/16	1/2 - 20	1.78	7/8	.23	9/16	5/8
06E-756	3/8	3/8	9/16 - 18	1.82	7/8	.27	5/8	1 1/16
08E-758	1/2	1/2	3/4 - 16	2.08	1 1/16	.38	1 3/16	7/8

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

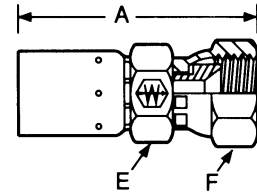
INDUSTRIAL HOSE & FITTINGS

WEATHERHEAD TEFLON COUPLINGS

SPECIFICATIONS

RB&H #	HOSE I.D. (IN.)	TUBE SIZE (IN.)	THREAD SIZE (IN.)	"A" (IN.)	HOSE CUT-OFF FACTOR	HOLE DIAMETER (IN.)	"E" HEX (IN.)	"F" HEX (IN.)
04E-604'	1/4	1/4	7/16 - 20	1.92	1 1/8	.16	9/16	9/16
04E-605'	1/4	5/16	1/2 - 20	2.00	1 3/16	.16	5/8	5/8
04E-606'	1/4	3/8	9/16 - 18	2.06	1 1/4	.16	11/16	11/16
05E-605'	5/16	5/16	1/2 - 20	2.07	1 3/16	.22	5/8	11/16
05E-406'	5/16	3/8	5/8 - 18	2.06	1 1/8	.22	3/4	11/16
05E-606'	5/16	3/8	9/16 - 18	2.15	1 1/4	.22	11/16	11/16
06E-406'	3/8	3/8	5/8 - 18	2.06	1 1/8	.27	3/4	11/16
06E-606'	3/8	3/8	9/16 - 18	2.19	1 1/4	.27	11/16	11/16
06E-608'	3/8	1/2	3/4 - 16	2.30	1 3/8	.27	7/8	11/16
08E-608'	1/2	1/2	3/4 - 16	2.45	1 1/2	.38	7/8	11/16
08E-610'	1/2	5/8	7/8 - 14	2.51	1 1/2	.38	1	11/16
12E-412'	3/4	3/4	1 1/16 - 14	2.98	1 11/16	.61	1 1/4	11/16
12E-612'	3/4	3/4	1 1/16 - 12	2.76	1 9/16	.61	1 1/4	11/16
16E-616'	1	1	1 5/16 - 12	3.08	1 3/4	.84	1 1/2	11/16

**SAE 37° (JIC)
Female Swivel**
EXCEPTIONS NOTED



Exceptions

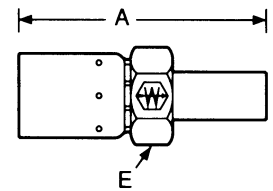
- 1 - Swivel nuts are universal. Both SAE 45° and JIC 37° connections
- 2 - SAE 45° flare connection only
- 3 - JIC 37° flare connection only

SPECIFICATIONS

RB&H #	HOSE I.D. (IN.)	TUBE SIZE (IN.)	"A" (IN.)	HOSE CUT-OFF FACTOR	HOLE DIAMETER (IN.)	"E" HEX (IN.)
08E-T58	1/2	1/2	3.32	2 5/16	.39	3/4
08E-T60	1/2	5/8	3.45	2 7/16	.47	3/4
12E-T60	3/4	5/8	3.66	2 7/16	.47	1
12E-T62	3/4	3/4	4.00	2 13/16	.61	1

NOTE: This is a 243 'E' series part only

Straight Tube - Brass
FOR USE WITH H243 TEFLON
HOSE ONLY



SPECIFICATIONS

TUBE SIZE (IN.)	PRODUCT I.D.	
	SLEEVE RB&H #	NUT RB&H #
1/2	1360X8	1361X8
5/8	1360X10	1361X10
3/4	1360X12	1361X12

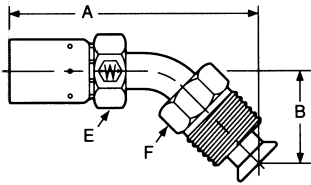
**Compatible Air Brake
Nuts & Sleeves**

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

INDUSTRIAL HOSE & FITTINGS

WEATHERHEAD TEFLON COUPLINGS

**Inverted Male Swivel
45° Tube Elbow**

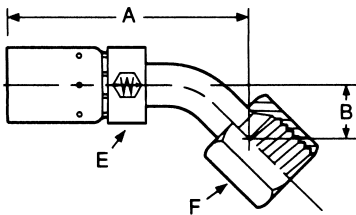


SPECIFICATIONS

RB&H #	HOSE I.D. (IN.)	TUBE SIZE (IN.)	THREAD SIZE (IN.)	"A" (IN.)	"B" (IN.)	HOSE CUT-OFF FACTOR	HOLE DIA. (IN.)	"E" HEX (IN.)	"F" HEX (IN.)
04E-B43	1/4	3/16	3/8 - 24	2.83	0.69	2	.12	7/16	3/8
04E-B44	1/4	1/4	7/16 - 24	2.75	0.93	1 15/16	.15	7/16	7/16
06E-B45	3/8	5/16	1/2 - 20	3.37	1.14	2 7/16	.21	9/16	1/2
06E-B46	3/8	3/8	5/8 - 18	3.63	1.34	2 11/16	.24	5/8	5/8
08E-B48	1/2	1/2	3/4 - 18	4.32	1.58	3 1/4	.33	3/4	3/4

**SAE 37° (JIC)
Female Swivel 45°
Tube Elbow**

EXCEPTIONS NOTED



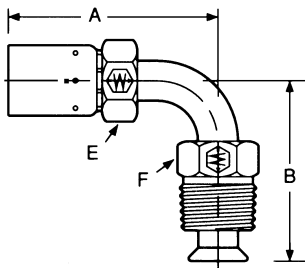
SPECIFICATIONS

RB&H #	HOSE I.D. (IN.)	TUBE SIZE (IN.)	THREAD SIZE (IN.)	"A" (IN.)	"B" (IN.)	HOSE CUT-OFF FACTOR	HOLE DIA. (IN.)	"E" HEX (IN.)	"F" HEX (IN.)
04E-684'	1/4	1/4	7/16 - 20	2.37	0.33	1 9/16	.15	7/16	9/16
04E-685'	1/4	5/16	1/2 - 20	2.50	0.36	1 5/8	.16	7/16	5/8
05E-686'	5/16	3/8	9/16 - 18	2.65	0.39	1 11/16	.22	9/16	11/16
06E-686'	3/8	3/8	9/16 - 18	2.74	0.39	1 3/4	.24	5/8	11/16
06E-688'	3/8	1/2	3/4 - 16	2.99	0.56	2	.27	5/8	7/8
08E-688'	1/2	1/2	3/4 - 16	3.08	0.56	2	.33	3/4	7/8
08E-690'	1/2	5/8	7/8 - 14	3.28	0.63	2 1/4	.39	3/4	1
12E-692'	3/4	3/4	1 1/16 - 12	3.69	0.78	2 7/16	.58	1	1 1/4
16E-696'	1	1	1 5/16 - 12	5.15	1.10	3 11/32	.76	1 1/4	1 1/2

Exceptions

- 1 - Swivel nuts are universal. Both SAE 45° and JIC 37° connections
- 2 - SAE 45° flare connection only
- 3 - JIC 37° flare connection only

**Inverted Male Swivel
90° Tube Elbow**



SPECIFICATIONS

RB&H #	HOSE I.D. (IN.)	TUBE SIZE (IN.)	THREAD SIZE (IN.)	"A" (IN.)	"B" (IN.)	HOSE CUT-OFF FACTOR	HOLE DIA. (IN.)	"E" HEX (IN.)	"F" HEX (IN.)
04E-B63	1/4	3/16	3/8 - 24	2.16	1.06	1 5/16	.12	7/16	3/8
04E-B64	1/4	1/4	7/16 - 24	2.18	1.36	1 5/16	.15	7/16	7/16
06E-B65	3/8	5/16	1/2 - 20	2.58	1.61	1 5/8	.21	9/16	1/2
06E-B66	3/8	3/8	5/8 - 18	2.92	1.97	1 15/16	.24	5/8	5/8
08E-B68	1/2	1/2	3/4 - 18	3.03	2.32	2	.33	3/4	3/4

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

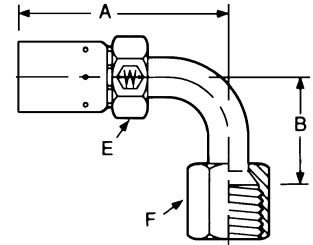
INDUSTRIAL HOSE & FITTINGS

WEATHERHEAD TEFLON COUPLINGS

SPECIFICATIONS

RB&H #	HOSE I.D. (IN.)	TUBE SIZE (IN.)	THREAD SIZE (IN.)	"A" (IN.)	"B" (IN.)	HOSE CUT-OFF FACTOR	HOLE DIA. (IN.)	"E" HEX (IN.)	"F" HEX (IN.)
04E-664 ¹	1/4	1/4	7/16 - 20	2.27	0.68	1 7/16	.15	7/16	9/16
04E-665 ¹	1/4	5/16	1/2 - 20	2.51	0.77	1 5/8	.16	7/16	5/8
05E-665 ¹	5/16	5/16	1/2 - 20	2.58	0.77	1 5/8	.21	9/16	5/8
05E-666 ³	5/16	3/8	9/16 - 18	2.63	0.85	1 11/16	.22	9/16	11/16
06E-466 ²	3/8	3/8	5/8 - 18	2.72	0.85	1 3/4	.24	5/8	3/4
06E-666 ³	3/8	3/8	9/16 - 18	2.72	0.85	1 3/4	.24	5/8	11/16
06E-668 ¹	3/8	1/2	3/4 - 16	2.83	1.09	1 7/8	.33	5/8	7/8
08E-668 ¹	1/2	1/2	3/4 - 16	2.93	1.09	1 7/8	.33	3/4	7/8
08E-670 ¹	1/2	5/8	7/8 - 14	3.54	1.23	2 1/2	.39	3/4	1
12E-672 ³	3/4	3/4	1 1/16 - 12	3.61	1.82	2 3/8	.58	1	1 1/4
12E-676 ³	3/4	1	1 5/16 - 12	4.51	2.15	3 3/16	.76	1 1/4	1 1/2
16E-676 ³	1	1	1 5/16 - 12	4.39	2.14	3 1/32	.76	1 1/4	1 1/2

**SAE 37° (JIC)
Female Swivel 90°
Tube Elbow**
EXCEPTIONS NOTED



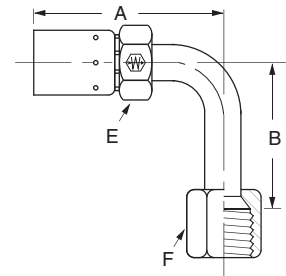
Exceptions

- 1 - Swivel nuts are universal. Both SAE 45° and JIC 37° connections
- 2 - SAE 45° flare connection only
- 3 - JIC 37° flare connection only

SPECIFICATIONS

RB&H #	HOSE I.D. (IN.)	TUBE SIZE (IN.)	THREAD SIZE (IN.)	"A" (IN.)	"B" (IN.)	HOSE CUT-OFF FACTOR	HOLE DIA. (IN.)	"E" HEX (IN.)	"F" HEX (IN.)
04E-644 ¹	1/4	1/4	7/16 - 20	2.40	1.80	1 7/16	.15	7/16	9/16
04E-645 ¹	1/4	5/16	1/2 - 20	2.51	1.80	1 5/8	.16	7/16	5/8
05E-646 ³	5/16	3/8	9/16 - 18	2.63	2.18	1 11/16	.22	9/16	11/16
06E-646 ³	3/8	3/8	9/16 - 18	2.72	2.18	1 3/4	.24	5/8	11/16
06E-648 ¹	3/8	1/2	3/4 - 16	2.83	2.43	1 7/8	.27	5/8	7/8
08E-648 ¹	1/2	1/2	3/4 - 16	2.92	2.43	1 7/8	.33	3/4	7/8
08E-650 ¹	1/2	5/8	7/8 - 14	3.09	2.57	2 1/16	.39	3/4	1
12E-652 ³	3/4	3/4	1 1/16 - 12	3.64	3.73	2 3/8	.58	1	1 1/4
16E-656 ³	1	1	1 5/16 - 12	4.20	4.33	2 13/16	.76	1 1/4	1 1/2

**SAE 37° (JIC)
Female Swivel
Long Drop 90°
Tube Elbow**
EXCEPTIONS NOTED



Exceptions

- 1 - Swivel nuts are universal. Both SAE 45° and JIC 37° connections
- 2 - SAE 45° flare connection only
- 3 - JIC 37° flare connection only