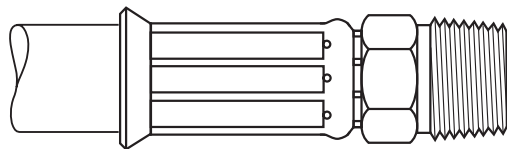


Coll-O-Crimp

'S' Series

Hose End 'S' Series

(Stainless Steel)



Note:

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

Ordering Information:

Order individually by catalog number.



Refer to important safety information on page 4.

Typical Application: Low, medium, and high pressure hydraulic applications calling for corrosion resistance. Marine, logging, mining.

Compatible Hose:

H039; H104; H114; H145; H245; H425

Pressure: Determined by the 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:

316 stainless steel

Advantages: Stainless steel protection from the elements.

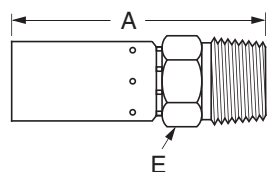
Assemble With:

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.

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

Male Pipe Rigid

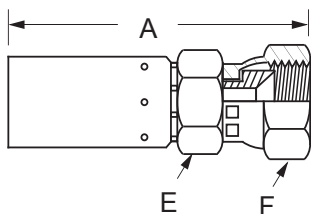


HOSE I.D	PIPE SIZE	CATALOG NUMBER	THREAD SIZE NPTF	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
1/4	1/4	04S-104	1/4-18	2.49	1.00	.16	5/8
3/8	3/8	06S-106	3/8-18	2.52	1.00	.25	3/4
1/2	1/2	08S-108	1/2-14	2.75	1.31	.36	7/8
3/4	3/4	12S-112	3/4-14	3.61	1.44	.61	1-1/8
1	1	16S-116	1-11-1/2	4.23	2.00	.81	1-3/8
1-1/4	1-1/4	*20S-120	1-1/4-11-1/2	4.61	2.31	1.02	1-11/16

*Part number will crimp in Coll-O-Crimp ET4000, T-410-1, T-420-1, T-440-1, and T-480-1 presses only.

JIC 37° Female Swivel

(Refer to Footnotes)



HOSE I.D	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	04S-604 ^a	7/16-20	2.61	1.13	.16	9/16	9/16
3/8	3/8	06S-606	9/16-18	2.77	1.31	.25	11/16	11/16
1/2	1/2	08S-608 ^a	3/4-16	2.79	1.38	.36	13/16	7/8
1/2	5/8	08S-610 ^a	7/8-14	3.00	1.56	.36	13/16	1
3/4	3/4	12S-612	1-1/16-12	3.86	1.69	.61	1	1-1/4
1	1	16S-616	1-5/16-12	4.46	2.25	.81	1-1/4	1-1/2
1-1/4	1-1/4	*20S-620	1-5/8-12	4.90	2.63	1.02	1-11/16	2

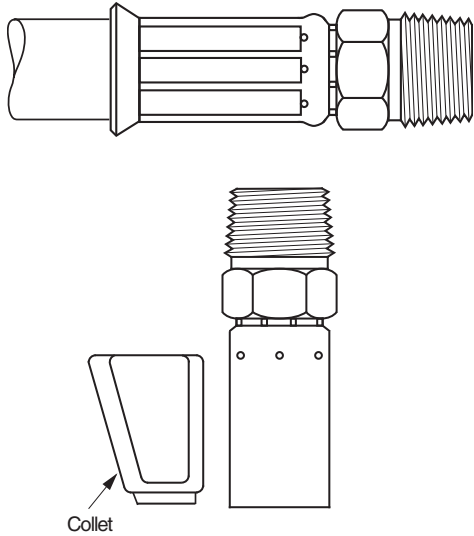
*Part number will crimp in Coll-O-Crimp ET4000, T-410-1, T-420-1, T-440-1, and T-480-1 presses only.

Coll-O-Crimp

'U' 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 'U' Series



Note:

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

Ordering Information:

Order individually by catalog number. O-rings not supplied with flange hose ends. Order o-rings by catalog number; reference individual listings for details. For split flange kits, refer to pages 330-333.

Refer to important safety information on page 4.

Typical Application:

General purpose low, medium, and high pressure hydraulic.

Compatible Hose: H017; H039; H104; H105; H114; H115; H145; H146; H245; H324; H325; H350; H425; H545

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:

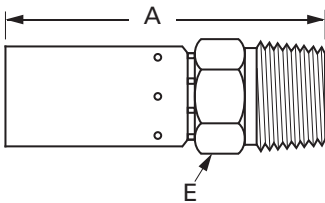
Wide selection of hose and end configurations allowing a diverse number of applications. An ideal series to introduce hydraulics.

Assemble With:

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

Label Set: FS-1100

Male Pipe Rigid



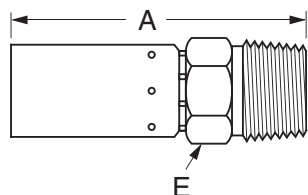
HOSE I.D	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
1/4	1/8	04U-102	1/8-27	2.31	.75	.16	9/16
1/4	1/4	04U-104	1/4-18	2.49	.94	.16	9/16
1/4	3/8	04U-106	3/8-18	2.52	1.00	.16	11/16
1/4	1/2	04U-108	1/2-14	2.77	1.06	.16	7/8
3/8	1/4	06U-104	1/4-18	2.52	1.00	.25	11/16
3/8	3/8	06U-106	3/8-18	2.52	1.00	.25	11/16
3/8	1/2	06U-108	1/2-14	2.77	1.25	.25	7/8
1/2	1/4	08U-104	1/4-18	2.56	.88	.28	13/16
1/2	3/8	08U-106	3/8-18	2.57	1.14	.36	3/4
1/2	1/2	08U-108	1/2-14	2.75	1.31	.36	13/16
1/2	3/4	08U-112	3/4-14	2.83	1.28	.36	1-1/16
5/8	3/8	10U-106	3/8-18	3.12	1.13	.48	15/16
5/8	1/2	10U-108	1/2-14	3.31	1.38	.48	15/16
5/8	3/4	10U-112	3/4-14	3.31	1.30	.48	1-1/16
3/4	1/2	12U-108	1/2-14	3.62	1.44	.61	1
3/4	3/4	12U-112	3/4-14	3.61	1.44	.61	1-1/16
3/4	1	12U-116	1-11-1/2	3.84	1.69	.61	1-3/8
1	3/4	16U-112	3/4-14	4.23	1.88	.81	1-1/4
1	1	16U-116	1-11-1/2	3.90	1.69	.81	1-3/8
1-1/4	1-1/4	20U-120	1-1/4-11-1/2	4.61	2.31	1.02	1-11/16

Coll-O-Crimp

'U' Series

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

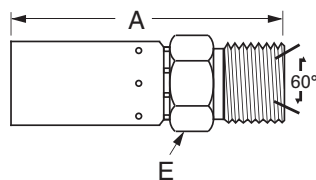
British Standard Tapered Male Pipe (BSPT/JIS) Rigid



HOSE I.D	BSPT PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
1/4	1/4	04U-154	R-1/4-19*	2.51	1.00	.16	3/4
3/8	3/8	06U-156	R-3/8-19*	2.54	1.06	.25	11/16
1/2	1/2	08U-158	R-1/2-14*	2.78	1.31	.36	7/8
3/4	3/4	12U-162	R-3/4-14*	3.62	1.44	.61	1-1/8
1	1	16U-166	R-1-11*	4.23	2.00	.81	1-3/8

*R As Part of Thread Size is ISO Designation for Tapered Thread.

British Standard 60° (BSPP) Cone Male Pipe Rigid

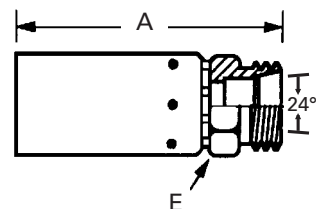


HOSE I.D	BSPP PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
1/4	1/4	04U-P54	G-1/4-19**	2.38	.88	.16	11/16
3/8	3/8	06U-P56	G-3/8-19**	2.48	.94	.25	3/4
3/8	1/2	06U-P58	G-1/2-14**	2.62	1.06	.25	1
1/2	3/8	08U-P56	G-3/8-19**	2.54	1.13	.32	13/16
1/2	1/2	08U-P58	G-1/2-14**	2.62	1.19	.36	1
5/8	5/8	10U-P60	G-5/8-14**	3.25	1.31	.48	1-1/8
3/4	3/4	12U-P62	G-3/4-14**	3.65	1.50	.61	1-1/8
1	1	16U-P66	G-1-11**	3.91	1.69	.81	1-3/8
1-1/4	1-1/4	20U-P67	G-1-1/4-11**	4.41	2.13	1.02	1-3/4

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

Male DIN 24° Seat

l. Rh. (Light)



HOSE I.D	TUBE SIZE (MM)	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
1/4	8	04U-08A	M14x1.5	2.27	.81	.16	9/16
1/4	10	04U-10A	M16x1.5	2.36	.88	.16	11/16
3/8	10	06U-10A	M16x1.5	2.36	.94	.25	11/16
3/8	12	06U-12A	M18x1.5	2.36	.94	.25	3/4
1/2	15	08U-15A	M22x1.5	2.42	1.00	.36	7/8
5/8	18	10U-18A	M26x1.5	2.99	1.06	.48	1-1/16
3/4	22	12U-22A	M30x2.0	3.45	1.31	.61	1-1/4
1	28	16U-28A	M36x2.0	3.73	1.50	.81	1-1/2

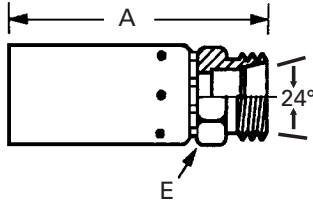
Coll-O-Crimp

'U' Series

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

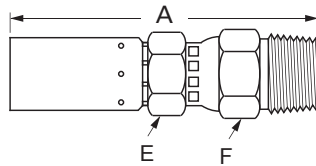
Male DIN 24° Seat

s. Rh. (Heavy)



HOSE I.D	TUBE SIZE (MM)	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
1/4	8	04U-08F	M16x1.5	2.39	.88	.16	11/16
1/4	10	04U-10F	M18x1.5	2.40	.88	.16	3/4
3/8	10	06U-10F	M18x1.5	2.40	.94	.25	3/4
3/8	12	06U-12F	M20x1.5	2.42	1.00	.25	13/16
3/8	14	06U-14F	M22x1.5	2.50	1.06	.25	7/8
1/2	16	08U-16F	M24x1.5	2.57	1.13	.36	1
5/8	20	10U-20F	M30x2	3.21	1.28	.48	1-1/4
3/4	20	12U-20F	M30x2	3.53	1.38	.61	1-1/4
3/4	25	12U-25F	M36x2	3.71	1.56	.61	1-1/2
1	30	16U-30F	M42x2	3.98	1.75	.81	1-11/16

Male Pipe Swivel



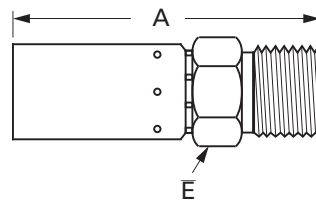
HOSE I.D	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	04U-J04	1/4-18	3.38	1.88	.16	5/8	13/16
3/8	1/4	06U-J04	1/4-18	3.40	1.94	.25	11/16	13/16
3/8	3/8	06U-J06	3/8-18	3.38	1.94	.25	11/16	7/8
3/8	1/2	06U-J08	1/2-14	3.60	2.13	.25	3/4	7/8
1/2	3/8	08U-J06	3/8-18	3.45	2.00	.36	13/16	7/8
1/2	1/2	08U-J08	1/2-14	3.60	2.19	.36	13/16	7/8
3/4	3/4	12U-J12	3/4-14	4.73	2.56	.61	1	1-1/4
1	1	16U-J16	1-11-1/2	5.20	3.00	.80	1-1/4	1-3/8

Note:

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

FOR-SEAL Male Rigid

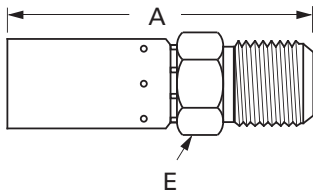
Does not include o-ring.
See page 273 for o-rings.



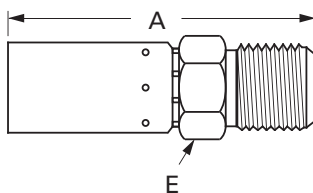
HOSE I.D	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	O-RING	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
1/4	1/4	04U-E64	9/16-18	4629x4	2.34	.88	.16	5/8
3/8	3/8	06U-E66	11/16-16	4629x6	2.43	1.00	.25	13/16
3/8	1/2	06U-E68	13/16-16	4629x8	2.54	1.13	.38	7/8
1/2	1/2	08U-E68	13/16-16	4629x8	2.54	1.13	.36	7/8
1/2	5/8	08U-E70	1-14	4629x10	2.78	1.35	.36	1-1/16
1/2	3/4	08U-E72	1-3/16-12	4629x12	2.76	1.31	.36	1-1/4
5/8	5/8	10U-E70	1-14	4629x10	3.20	1.25	.48	1-1/16
5/8	3/4	10U-E72	1-3/16-12	4629x12	3.45	1.50	.48	1-1/4
3/4	3/4	12U-E72	1-3/16-12	4629x12	3.58	1.44	.61	1-1/4
3/4	1	12U-E76	1-7/16-12	4629x16	3.60	1.44	.61	1-1/2
1	1	16U-E76	1-7/16-12	4629x16	3.73	1.50	.81	1-1/2
1-1/4	1-1/4	20U-E80	1-11/16-12	4629x20	4.10	1.81	1.02	1-3/4

Coll-O-Crimp**'U' Series**

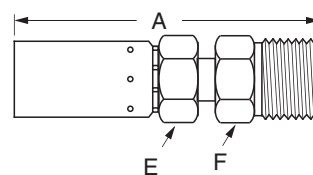
†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

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	04U-504	7/16-20	2.48	1.00	.16	1/2
1/4	5/16	04U-505	1/2-20	2.51	1.00	.16	9/16
1/4	3/8	04U-506	9/16-18	2.55	1.00	.16	5/8
3/8	3/8	06U-506	9/16-18	2.54	1.00	.25	11/16
3/8	1/2	06U-508	3/4-16	2.67	1.25	.25	13/16
3/8	5/8	06U-510	7/8-14	2.83	1.31	.25	15/16
1/2	1/2	08U-508	3/4-16	2.70	1.19	.38	13/16
1/2	5/8	08U-510	7/8-14	2.83	1.31	.36	15/16
1/2	3/4	08U-512	1-1/16-12	2.87	1.44	.36	1-1/8
5/8	1/2	10U-508	3/4-16	3.22	1.31	.39	15/16
5/8	5/8	10U-510	7/8-14	3.32	1.38	.48	15/16
5/8	3/4	10U-512	1-1/16-12	3.42	1.44	.48	1-1/8
3/4	5/8	12U-510	7/8-14	3.64	1.44	.43	1
3/4	3/4	12U-512	1-1/16-12	3.74	1.56	.61	1-1/16
3/4	7/8	12U-514	1-3/16-12	3.81	1.63	.61	1-1/4
3/4	1	12U-516	1-5/16-12	3.81	1.63	.61	1-3/8
1	7/8	16U-514	1-3/16-12	4.18	1.94	.72	1-1/4
1	1	16U-516	1-5/16-12	4.20	2.00	.81	1-3/8
1	1-1/4	16U-520	1-5/8-12	4.02	1.81	.81	1-11/16
1-1/4	1-1/4	20U-520	1-5/8-12	4.60	2.31	1.02	1-11/16

SAE 45° Flare Male Rigid

HOSE I.D	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
3/8	3/8	06U-306	5/8-18	2.60	1.13	.28	11/16
3/4	3/4	12U-312	1-1/16-14	3.87	1.69	.61	1-1/8

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	04U-B03	3/8-24	3.75	2.25	.12	9/16	3/8
1/4	1/4	04U-B04	7/16-24	3.14	1.69	.16	9/16	7/16
1/4	5/16	04U-B05	1/2-20	3.13	1.63	.21	9/16	1/2
3/8	1/4	06U-B04	7/16-24	3.13	1.69	.16	11/16	7/16
3/8	5/16	06U-B05	1/2-20	3.16	1.75	.21	11/16	1/2
3/8	3/8	06U-B06	5/8-18	3.33	1.94	.24	11/16	5/8
3/8	7/16	06U-B07	11/16-18	3.33	1.94	.24	11/16	11/16
1/2	1/2	08U-B08	3/4-18	3.69	2.25	.33	13/16	3/4
1/2	5/8	08U-B10	7/8-18	3.43	2.00	.33	13/16	7/8

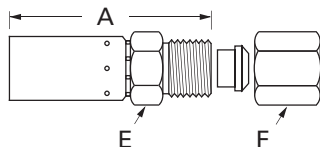
Coll-O-Crimp

'U' Series

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

Flareless Tube Rigid Ermeto 7000 Series

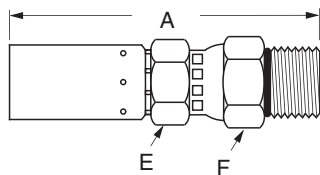
(With Nut and Sleeve)



HOSE I.D	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	04U-754	7/16-20	2.38	.94	.16	9/16	9/16
1/4	5/16	04U-755	1/2-20	2.41	.93	.16	11/16	5/8
3/8	1/4	06U-754	7/16-20	2.40	1.00	.20	11/16	9/16
3/8	5/16	06U-755	1/2-20	2.40	1.00	.23	11/16	5/8
3/8	3/8	06U-756	9/16-18	2.42	1.00	.25	11/16	11/16
1/2	1/2	08U-758	3/4-16	2.51	1.13	.36	13/16	7/8
1/2	5/8	08U-760	7/8-14	2.64	1.25	.36	15/16	1
3/4	3/4	12U-762	1-1/16-12	3.55	1.38	.61	1-1/8	1-1/4
1	1	16U-766	1-5/16-12	3.98	1.75	.81	1-3/8	1-1/2
1-1/4	1-1/4	20U-770	1-5/8-12	4.35	2.00	1.02	1-11/16	2

(For replacement Ermeto Nuts and Sleeves, see page 311-312.)

Male Straight Thread O-Ring Swivel



HOSE I.D	PORT SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	04U-R04	7/16-20	3.33	1.81	.16	5/8	13/16
3/8	3/8	06U-R06	9/16-18	3.29	1.86	.25	11/16	7/8
3/8	1/2	06U-R08	3/4-16	3.25	1.75	.25	11/16	7/8
1/2	1/2	08U-R08	3/4-16	3.27	1.81	.36	13/16	7/8
1/2	5/8	08U-R10	7/8-14	3.41	2.00	.36	13/16	1-1/8
1/2	3/4	08U-R12	1-1/16-12	3.57	2.06	.36	13/16	1-1/4
5/8	1/2	10U-R08	3/4-16	3.96	1.88	.42	15/16	1-1/8
3/4	5/8	12U-R10	7/8-14	4.23	2.06	.50	1	1-1/8

(Includes O-ring. For replacement O-ring, see page 254.)

Note:

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

APPLICATION
DATA

LOW & MEDIUM
PRESSURE HOSE

HIGH PRESSURE HOSE

SPECIALTY HOSE

ACCESSORIES &
ASM'BY INSTRUCTIONS

ADAPTERS & TUBE
HOSE ENDS

HOSE ASSEMBLY
EQUIPMENT

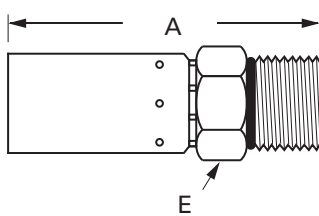
TECHNICAL DATA

Coll-O-Crimp

'U' Series

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

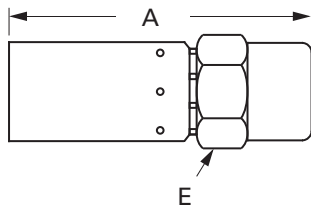
Male Straight Thread O-Ring Rigid



HOSE I.D.	PORT SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
1/4	1/4	04U-P04	7/16-20	2.29	.81	.16	9/16
1/4	5/16	04U-P05	1/2-20	2.32	.88	.16	5/8
1/4	3/8	04U-P06	9/16-18	2.35	.88	.16	11/16
3/8	3/8	06U-P06	9/16-18	2.35	.94	.25	11/16
3/8	1/2	06U-P08	3/4-16	2.46	1.06	.25	7/8
3/8	5/8	06U-P10	7/8-14	2.57	1.13	.25	1
1/2	1/2	08U-P08	3/4-16	2.46	1.06	.36	7/8
1/2	5/8	08U-P10	7/8-14	2.55	1.13	.36	1
1/2	3/4	08U-P12	1-1/16-12	2.66	1.25	.36	1-1/4
5/8	1/2	10U-P08	3/4-16	3.00	1.13	.48	15/16
5/8	5/8	10U-P10	7/8-14	3.06	1.13	.48	1
5/8	3/4	10U-P12	1-1/16-12	3.15	1.25	.48	1-1/4
3/4	5/8	12U-P10	7/8-14	3.36	1.19	.50	1
3/4	3/4	12U-P12	1-1/16-12	3.49	1.31	.61	1-1/4
3/4	1	12U-P16	1-5/16-12	3.50	1.31	.61	1-1/2
1	1	16U-P16	1-5/16-12	3.63	1.44	.81	1-1/2
1-1/4	1-1/4	20U-P20	1-5/8-12	4.23	1.94	1.02	1-7/8

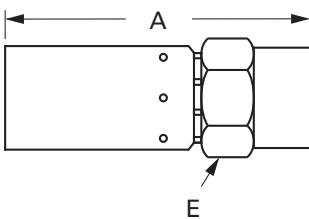
(Includes O-ring. For replacement O-ring, see page 254.)

Female Grease Tap



HOSE I.D.	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
1/4	04U-C34	.511-27	2.45	.90	.16	3/4
3/8	06U-C36	.511-27	2.44	.90	.25	3/4

Female Pipe Rigid



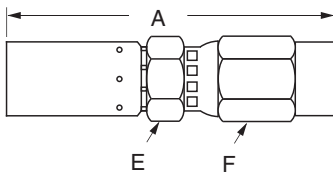
HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
1/4	1/8	04U-202	1/8-27	2.20	.75	.16	5/8
1/4	1/4	04U-204	1/4-18	2.43	.94	.16	3/4
3/8	1/4	06U-204	1/4-18	2.46	1.06	.25	3/4
3/8	3/8	06U-206	3/8-18	2.57	1.13	.25	7/8
1/2	1/2	08U-208	1/2-14	2.82	1.38	.36	1-1/8
3/4	3/4	12U-212	3/4-14	3.71	1.56	.61	1-3/8

Coll-O-Crimp

'U' Series

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

Female Pipe Swivel

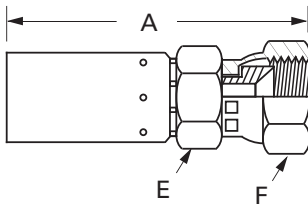


HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	04U-254	1/4-18	3.52	2.06	.20	5/8	13/16
3/8	3/8	06U-256	3/8-18	3.61	2.19	.32	11/16	7/8
1/2	1/2	08U-258	1/2-14	3.85	2.38	.43	13/16	1-1/8
3/4	3/4	12U-262	3/4-14	4.81	2.63	.61	1	1-3/8
1	1	16U-266	1-11-1/2	5.26	3.06	.80	1-1/4	1-5/8

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

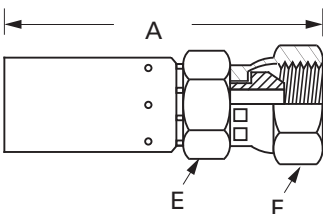
JIC 37° Female Swivel

(Exceptions Noted)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	04U-604 ^a	7/16-20	2.61	1.13	.16	9/16	9/16
1/4	5/16	04U-605 ^a	1/2-20	2.67	1.18	.16	9/16	5/8
1/4	3/8	04U-606	9/16-18	2.72	1.25	.16	9/16	11/16
3/8	1/4	06U-604 ^a	7/16-20	2.66	1.25	.16	11/16	9/16
3/8	3/8	06U-606	9/16-18	2.77	1.31	.25	11/16	11/16
3/8	1/2	06U-608 ^a	3/4-16	2.86	1.44	.25	11/16	7/8
3/8	5/8	06U-610 ^a	7/8-14	3.00	1.56	.25	7/8	1
3/8	3/4	06U-612	1-1/16-12	3.15	1.69	.25	1	1-1/4
1/2	3/8	08U-606	9/16-18	2.68	1.25	.30	13/16	11/16
1/2	1/2	08U-608 ^a	3/4-16	2.79	1.38	.36	13/16	7/8
1/2	5/8	08U-610 ^a	7/8-14	3.00	1.56	.36	13/16	1
1/2	3/4	08U-612	1-1/16-12	3.12	1.44	.36	1	1-1/4
1/2	1	08U-616	1-5/16-12	3.17	1.75	.36	1-1/4	1-1/2
5/8	1/2	10U-608 ^a	3/4-16	3.48	1.56	.39	15/16	7/8
5/8	5/8	10U-610 ^a	7/8-14	3.53	1.63	.48	15/16	1
5/8	3/4	10U-612	1-1/16-12	3.64	1.75	.48	1	1-1/4
3/4	5/8	12U-610 ^a	7/8-14	3.75	1.56	.48	1	1
3/4	3/4	12U-612	1-1/16-12	3.86	1.69	.61	1	1-1/4
3/4	7/8	12U-614	1-3/16-12	3.88	1.69	.61	1-1/8	1-3/8
3/4	1	12U-616	1-5/16-12	4.07	1.88	.61	1-1/4	1-1/2
1	3/4	16U-612	1-1/16-12	4.37	2.13	.61	1-1/4	1-1/4
1	7/8	16U-614	1-3/16-12	4.35	2.13	.72	1-1/4	1-3/8
1	1	16U-616	1-5/16-12	4.46	2.25	.81	1-1/4	1-1/2
1	1-1/4	16U-620	1-5/8-12	4.30	2.19	.81	1-5/8	2
1-1/4	1-1/4	20U-620	1-5/8-12	4.90	2.63	1.02	1-11/16	2

Female Straight Pipe Swivel (NPSM)



HOSE I.D.	PIPE SIZE	CATALOG NUMBER	NPSM THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	04U-054	1/4-18	2.55	1.06	.16	1/2	11/16
3/8	3/8	06U-056	3/8-18	2.65	1.19	.27	11/16	7/8
1/2	1/2	08U-058	1/2-14	2.85	1.44	.36	13/16	1
3/4	3/4	12U-062	3/4-14	3.77	1.63	.61	1	1-1/4
1	1	16U-066	1-11-1/2	4.34	2.13	.81	1-1/4	1-1/2
1-1/4	1-1/4	20U-070	1-1/4-11-1/2	4.76	2.44	1.08	1-11/16	1-7/8

(Connects to male pipe fitting with internal seat.)

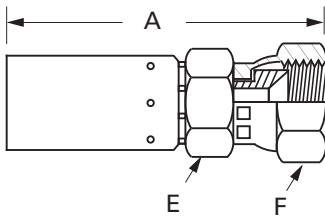
APPLICATION DATA
 LOW & MEDIUM PRESSURE HOSE
 HIGH PRESSURE HOSE
 SPECIALTY HOSE
 ACCESSORIES & ASSEMBLY INSTRUCTIONS
 ADAPTERS & TUBE HOSE ENDS
 HOSE ASSEMBLY EQUIPMENT
 TECHNICAL DATA

Coll-O-Crimp

'U' Series

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

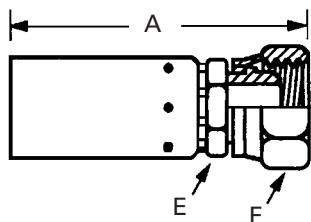
SAE 45° Female Swivel



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
3/8	3/8	06U-406	5/8-18	2.68	1.25	.25	11/16	3/4
3/4	3/4	12U-412	1-1/16-14	3.86	1.69	.61	1	1-1/4

Female Swivel DIN Universal Seat

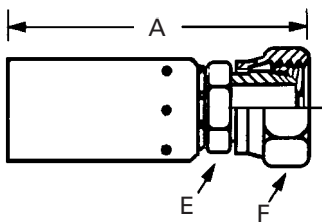
l. Rh. (Light) (DIN 3901/3902)



HOSE I.D.	TUBE SIZE (MM)	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	6	04U-06C	M12x1.5	2.73	1.25	.16	9/16	11/16
1/4	8	04U-08C	M14x1.5	2.76	1.25	.16	9/16	11/16
1/4	10	04U-10C	M16x1.5	2.82	1.38	.16	9/16	3/4
3/8	10	06U-10C	M16x1.5	2.78	1.38	.25	11/16	3/4
3/8	12	06U-12C	M18x1.5	2.93	1.50	.25	11/16	7/8
1/2	15	08U-15C	M22x1.5	2.98	1.56	.36	13/16	1-1/16
5/8	18	10U-18C	M26x1.5	3.61	1.69	.48	15/16	1-1/4
3/4	22	12U-22C	M30x2.0	4.03	1.88	.61	1-1/8	1-7/16
1	28	16U-28C	M36x2.0	4.47	2.25	.78	1-1/4	1-5/8
1-1/4	35	20U-35C	M45x2.0	4.61	2.25	1.02	1-3/4	2-1/8

Female Swivel DIN 24° Seat

s. Rh. DKO (Heavy)

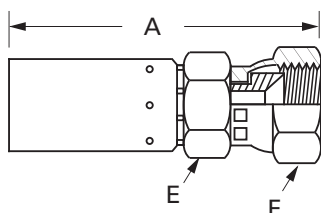


HOSE I.D.	TUBE SIZE (MM)	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	8	04U-58C	M16x1.5	2.88	1.40	.16	9/16	3/4
1/4	10	04U-60C	M18x1.5	2.78	1.31	.16	5/8	7/8
1/4	12	04U-62C	M20x1.5	2.67	1.19	.16	3/4	1
3/8	10	06U-60C	M18x1.5	2.78	1.38	.22	3/4	7/8
3/8	12	06U-62C	M20x1.5	2.87	1.44	.25	3/4	1
3/8	14	06U-64C	M22x1.5	2.92	1.50	.25	3/4	1-1/16
1/2	16	08U-66C	M24x1.5	3.06	1.63	.36	7/8	1-1/8
5/8	20	10U-70C	M30x2.0	3.46	1.69	.48	1-1/8	1-7/16
3/4	20	12U-70C	M30x2.0	3.91	1.75	.48	1-1/8	1-7/16
3/4	25	12U-75C	M36x2.0	4.24	2.06	.61	1-1/4	1-5/8
1	30	16U-80C	M42x2.0	4.34	2.13	.81	1-5/8	2
1-1/4	38	20U-88C*	M52x2.0	4.80	2.50	1.02	2	2-3/8

*20U-88C for use with H42520 only. Crimp on Super I, COC II or COC II Plus only. Contact Eaton for crimping instructions. (Includes O-ring.)

Female Swivel 30° Flare

(Komatsu, Linkbelt)



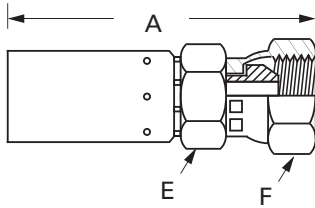
HOSE I.D.	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	04U-14K	M14x1.5	2.89	1.19	.18	9/16	3/4
3/8	06U-18K	M18x1.5	2.86	1.44	.31	11/16	7/8
1/2	08U-22K	M22x1.5	2.99	1.56	.39	13/16	1
5/8	10U-24K	M24x1.5	3.64	1.69	.50	1	1-1/4
3/4	12U-30K	M30x1.5	3.86	1.69	.61	1-1/8	1-3/8
1	16U-33K	M33x1.5	4.53	2.31	.81	1-1/4	1-5/8
1-1/4	20U-36K	M36x1.5	5.24	2.94	.92	1-5/8	1-3/4

Coll-O-Crimp

'U' Series

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

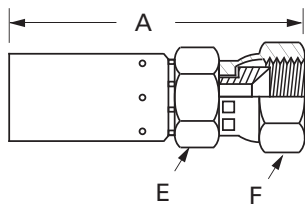
British Standard (BSPP) 60° Cone Female Pipe Swivel



HOSE I.D	BSPP PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	04U-354	G-1/4-19*	2.75	1.25	.16	9/16	3/4
1/4	3/8	04U-356	G-3/8-19*	2.84	1.38	.16	3/4	7/8
3/8	3/8	06U-356	G-3/8-19*	2.84	1.44	.25	3/4	7/8
3/8	1/2	06U-358	G-1/2-14*	2.97	1.56	.25	7/8	1-1/16
1/2	1/2	08U-358	G-1/2-14*	3.05	1.63	.36	13/16	1-1/16
1/2	5/8	08U-360	G-5/8-14*	2.96	1.56	.36	13/16	1-3/16
5/8	5/8	10U-360	G-5/8-14*	3.71	1.75	.48	15/16	1-3/16
3/4	3/4	12U-362	G-3/4-14*	3.87	1.75	.61	1	1-1/4
1	1	16U-366	G-1-11*	4.47	2.25	.81	1-1/4	1-1/2
1-1/4	1-1/4	20U-370	G-1-1/4-11*	4.81	2.50	1.02	1-5/8	1-7/8

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

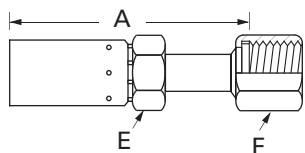
Female JIS 30° Flare Parallel Pipe Swivel



HOSE I.D	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	04U-04L	G-1/4-19	2.73	1.25	.16	9/16	3/4
3/8	3/8	06U-06L	G-3/8-19	2.84	1.38	.25	11/16	7/8
1/2	1/2	08U-08L	G-1/2-14	3.02	1.56	.36	13/16	1-1/16
5/8	3/4	10U-12L	G-3/4-14	3.52	1.56	.48	1	1-5/16
3/4	3/4	12U-12L	G-3/4-14	3.85	1.75	.61	1	1-1/4
1	1	16U-16L	G-1-11	4.13	1.94	.81	1-1/4	1-1/2

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

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	04U-S64	9/16-18	2.82	1.34	.16	9/16	11/16
1/4	3/8	04U-S66	11/16-16	2.85	1.37	.26	9/16	13/16
1/4	1/2	04U-S68	13/16-16	3.19	1.75	.36	11/16	15/16
3/8	1/4	06U-S64	9/16-18	2.81	1.38	.16	11/16	5/8
3/8	3/8	06U-S66	11/16-16	2.64	1.21	.26	11/16	13/16
3/8	1/2	06U-S68	13/16-16	3.22	1.79	.28	11/16	15/16
1/2	3/8	08U-S66	11/16-16	2.91	1.50	.26	13/16	13/16
1/2	1/2	08U-S68	13/16-16	2.80	1.37	.36	13/16	15/16
1/2	5/8	08U-S70	1-14	3.30	1.87	.46	13/16	1-1/8
1/2	3/4	08U-S72	1-3/16-12	3.38	1.94	.36	1	1-3/8
5/8	5/8	10U-S70	1-14	3.53	1.60	.48	15/16	1-1/8
5/8	3/4	10U-S72	1-3/16-12	3.84	1.94	.55	1	1-3/8
3/4	5/8	12U-S70	1-14	4.12	1.94	.46	1	1-1/8
3/4	3/4	12U-S72	1-3/16-12	3.95	1.80	.61	1-1/8	1-3/8
3/4	1	12U-S76	1-7/16-12	4.78	2.81	.61	1-1/4	1-5/8
1	3/4	16U-S72	1-3/16-12	4.36	2.16	.55	1-1/4	1-3/8
1	1	16U-S76	1-7/16-12	4.88	2.69	.78	1-1/4	1-5/8
1	1-1/4	16U-S80	1-11/16-12	4.53	2.31	.81	1-1/2	1-7/8
1-1/4	1-1/4	20U-S80	1-11/16-12	4.54	2.25	1.04	1-5/8	1-7/8

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

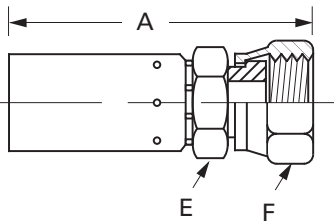
Coll-O-Crimp

'U' Series

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

BSPP Flat Face Female Swivel

(HIAB Cranes-Swedish)

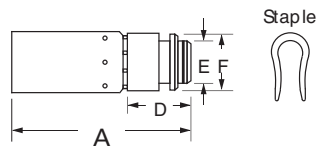


HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
3/8	3/8	06U-06P	G-3/8-19*	2.90	1.50	.25	11/16	7/8
3/8	1/2	06U-08P	G-1/2-14*	2.96	1.50	.25	3/4	1-1/16
1/2	1/2	08U-08P	G-1/2-14*	3.02	1.56	.36	13/16	1-1/16
1/2	3/4	08U-12P	G-3/4-14*	3.06	1.63	.36	1	1-1/4
3/4	3/4	12U-12P	G-3/4-14*	3.92	1.75	.61	1	1-1/4

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

READY-LOK Male Connector

(For Deep Mining Markets)



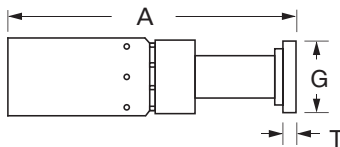
HOSE I.D.	CONNECT. SIZE	CATALOG NUMBER	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	LENGTH D	DIA. E	DIA. F
1/4	1/4	04U-04S	2.82	1.31	.16	1.13	.39	.59
3/8	3/8	06U-06S	2.84	1.31	.26	1.13	.54	.78
1/2	1/2	08U-08S	2.82	1.31	.36	1.13	.70	.94
3/4	3/4	12U-12S	3.64	1.50	.61	1.13	.94	1.14
1	1	16U-16S	3.94	1.75	.81	1.34	1.22	1.53
1-1/4	1-1/4	20U-20S	4.06	1.75	1.02	1.34	1.49	1.80

O-ring and backup ring included.

(See pages 326-329 for READY-LOK Staple and O-ring.)

Split Flange Straight

(SAE Code 61)

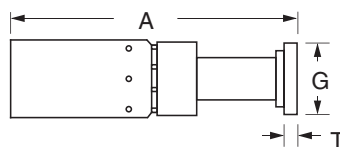


HOSE I.D.	NOMINAL FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCLUDED)	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. G	T
1/2	1/2	08U-G08	8x252	3.94	2.50	.33	1.19 (30mm)	.265
3/4	3/4	12U-G12	12x252	4.40	2.25	.58	1.50 (38mm)	.265
3/4	1	12U-G16	16x252	4.40	2.25	.58	1.75 (44mm)	.315
1	1	16U-G16	16x252	4.58	2.38	.77	1.75 (44mm)	.315
1	1-1/4	16U-G20	20x252	4.58	2.38	.77	2.00 (51mm)	.315
1-1/4	1-1/4	20U-G20	20x252	5.04	2.75	1.02	2.00 (51mm)	.315
1-1/4	1-1/2	20U-G24	24x252	5.12	2.81	1.02	2.38 (60mm)	.315

(See page 330 for Code 61 Split Flange Kits.)

Split Flange Straight - Metric

(Komatsu, Linkbelt, etc.)



HOSE I.D.	NOMINAL FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCLUDED)	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. G	T
5/8	16mm (5/8")	10U-G09	10x252	4.18	2.25	.46	34mm (1.325")	.265

Coll-O-Crimp

'U' 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

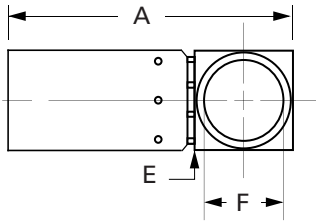
ADAPTERS & TUBE HOSE ENDS

HOSE ASSEMBLY EQUIPMENT

TECHNICAL DATA

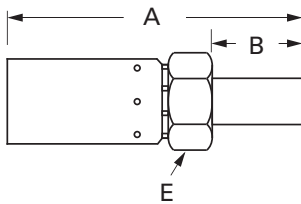
Banjo

(Ford Tractor)



HOSE I.D.	CATALOG NUMBER	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
3/8	06U-L06	2.56	.69	.62	7/8

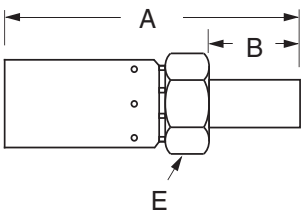
Metric Standpipe Straight Tube



HOSE I.D.	TUBE O.D. (MM)	CATALOG NUMBER	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
1/4	8	04U-38T	3.06	1.00	1.56	.15	5/8
1/4	10	04U-40T	3.10	1.04	1.63	.15	5/8
3/8	10	06U-40T	3.10	1.04	1.63	.24	13/16
3/8	12	06U-42T	3.10	1.04	1.63	.24	13/16
3/8	14	06U-44T	3.28	1.22	1.81	.24	13/16
1/2	15	08U-45T	3.12	1.00	1.69	.35	7/8
1/2	16	08U-46T	3.34	1.22	1.91	.35	7/8
5/8	18	10U-48T	3.64	1.06	1.75	.48	1-15/16
5/8	20	10U-50T	4.00	1.42	2.06	.48	1-15/16
3/4	22	12U-52T	4.13	1.19	1.88	.61	1
3/4	25	12U-55T	4.53	1.59	2.25	.61	1
1	28	16U-58T	4.43	1.25	2.25	.81	1-1/2
1	30	16U-60T	4.89	1.71	2.69	.81	1-1/2

(See page 293 for Metric Nuts and Sleeves.)

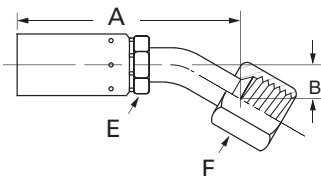
Standpipe Straight Tube



HOSE I.D.	TUBE O.D.	CATALOG NUMBER	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
1/4	1/4	04U-T04	3.16	1.10	1.69	.15	9/16
3/8	3/8	06U-T06	3.36	1.30	1.94	.25	11/16
1/2	1/2	08U-T08	3.70	1.58	2.25	.33	3/4
5/8	5/8	10U-T10	3.92	1.34	2.00	.46	15/16
3/4	3/4	12U-T12	4.11	1.17	1.94	.58	1
1	1	16U-T16	4.48	1.30	2.31	.76	1-1/4

(See pages 311-312 for Ermeto Nuts and Sleeves.)

SAE 37° Female Swivel 30° Tube Elbow



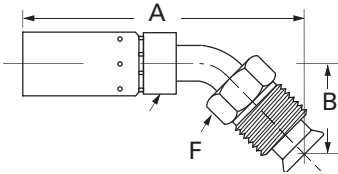
HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HEX E.	HEX F
5/8	3/4	10U-L22	1-1/16-12	4.50	.46	2.56	15/16	1-1/4

Coll-O-Crimp

'U' Series

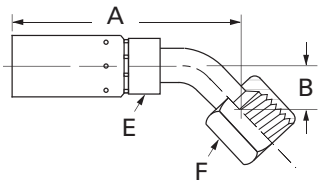
†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly

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
1/4	3/16	04U-B43	3/8-24	3.48	.69	2.00	.12	3/8
1/4	1/4	04U-B44	7/16-24	3.61	.93	2.13	.15	7/16
1/4	5/16	04U-B45	1/2-20	3.98	1.14	2.50	.21	1/2
3/8	1/4	06U-B44	7/16-24	3.59	.93	2.19	.15	7/16
3/8	5/16	06U-B45	1/2-20	4.02	1.14	2.56	.21	1/2
3/8	3/8	06U-B46	5/8-18	4.05	1.34	2.63	.24	5/8
3/8	7/16	06U-B47	11/16-18	4.05	1.34	2.63	.24	11/16
1/2	1/2	08U-B48	3/4-18	4.85	1.58	3.44	.33	3/4

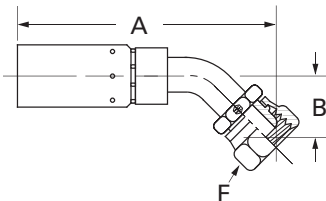
SAE 45° Female Swivel 45° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX DIA. F	HEX F
3/8	3/8	06U-486	5/8-18	3.18	.39	1.75	.21	11/16	3/4

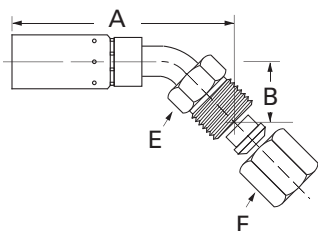
Female Swivel DIN Universal Seat 45° Tube Elbow

l. Rh. (Light)



HOSE I.D.	TUBE SIZE (MM)	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
1/4	8	04U-08D	M14x1.5	3.08	.73	1.63	.16	11/16
1/4	10	04U-10D	M16x1.5	3.21	.79	1.75	.16	3/4
3/8	10	06U-10D	M16x1.5	3.90	.96	2.47	.25	3/4
3/8	12	06U-12D	M18x1.5	3.93	.96	2.50	.25	7/8
1/2	15	08U-15D	M22x1.5	3.48	.91	2.06	.36	1-1/16
5/8	18	10U-18D	M26x1.5	4.40	1.08	2.50	.48	1-5/16
3/4	22	12U-22D	M30x2.0	4.62	1.19	2.44	.61	1-7/16
1	28	16U-28D	M36x2.0	5.52	1.59	3.32	.81	1-5/8

Flareless 45° Tube Elbow 7000 Ermeto Series



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	06U-956	9/16-18	4.08	.88	2.65	.28	11/16	11/16

For replacement nuts and sleeves see pages 311-312.

Coll-O-Crimp

'U' Series

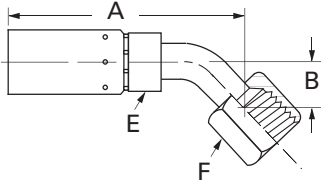
†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly

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

APPLICATION DATA

JIC 37° Female Swivel 45° Tube Elbow

(Exceptions Noted)

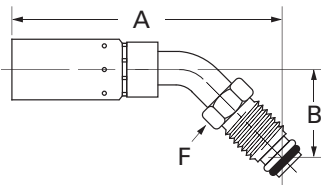


HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX/DIA. E	HEX F
1/4	1/4	04U-684 ^a	7/16-20	2.98	.33	1.50	.15	9/16	9/16
1/4	5/16	04U-685 ^a	1/2-20	3.14	.36	1.69	.21	9/16	5/8
3/8	1/4	06U-684 ^a	7/16-20	3.08	.33	1.69	.15	11/16	9/16
3/8	3/8	06U-686	9/16-18	3.17	.39	1.75	.25	11/16	11/16
3/8	1/2	06U-688 ^a	3/4-16	3.51	.55	2.08	.25	3/4	7/8
1/2	1/2	08U-688 ^a	3/4-16	3.51	.55	2.08	.35	13/16	7/8
1/2	5/8	08U-690 ^a	7/8-14	3.76	.63	2.31	.36	13/16	1
5/8	5/8	10U-690	7/8-14	4.22	.63	2.22	.48	15/16	1
5/8	3/4	10U-692	1-1/16-12	4.37	.78	2.44	.48	15/16	1-1/4
3/4	3/4	12U-692	1-1/16-12	4.79	.78	2.64	.59	1	1-1/4
3/4	1	12U-696	1-5/16-12	5.18	1.10	3.00	.61	1-1/4	1-1/2
1	1	16U-696	1-5/16-12	5.28	1.10	3.06	.76	1-1/4	1-1/2

LOW & MEDIUM PRESSURE HOSE

HIGH PRESSURE HOSE

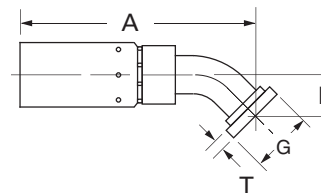
Male Swivel 45° Tube Elbow O-Ring Port



HOSE I.D.	TUBE O.D.	CATALOG NUMBER	O-RING	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
1/2	5/8	08U-L50	7629x7	7/8-14	4.75	1.84	3.38	.36	7/8

SPECIALTY HOSE

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 NOM'L
1/2	1/2	08U-G41	8x252	3.68	.78	2.25	.41	1.19 (30mm)	.265
3/4	3/4	12U-G42	12x252	5.00	1.00	2.88	.58	1.50 (38mm)	.265
3/4	1	12U-G46	16x252	5.00	1.00	2.88	.58	1.75 (44mm)	.315
1	1	16U-G46	16x252	4.82	.89	2.62	.77	1.75 (44mm)	.315
1	1-1/4	16U-G50	20x252	5.00	1.06	2.80	.77	2.00 (51mm)	.315
1-1/4	1-1/4	20U-G50	20x252	5.22	1.09	2.90	1.02	2.00 (51mm)	.315

(See page 330 for Code 61 Split Flange Kits.)

ACCESSORIES & ASSEMBLY INSTRUCTIONS

ADAPTERS & TUBE HOSE ENDS

HOSE ASSEMBLY EQUIPMENT

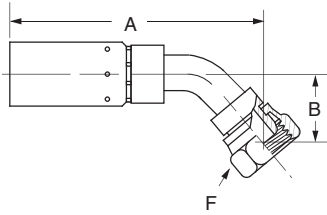
TECHNICAL DATA

Coll-O-Crimp

'U' Series

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

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

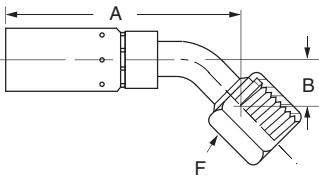


HOSE I.D.	BSP PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
1/4	1/4	04U-44P	G-1/4-19*	3.69	.91	2.25	.15	3/4
3/8	3/8	06U-46P	G-3/8-19*	3.85	.90	2.44	.25	7/8
1/2	1/2	08U-48P	G-1/2-14*	3.88	.87	2.44	.33	1-1/16
5/8	5/8	10U-50P	G-5/8-14*	4.38	.98	2.44	.46	1-3/16
3/4	3/4	12U-52P	G-3/4-14*	5.53	1.31	3.38	.61	1-1/4
1	1	16U-56P	G-1-11*	5.39	1.46	3.19	.76	1-1/2
1-1/4	1-1/4	20U-60P**	G-1 1/4-11*	5.89	1.76	3.57	1.02	1-7/8

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

**Part number will crimp in COC ET4000, T-410-1, T-420-1 and T-440-1 presses only.

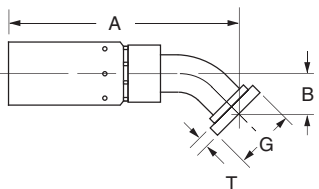
Female FOR-SEAL Swivel 45° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
1/4	1/4	04U-L64	9/16-18	3.14	.41	1.68	.16	11/16
1/4	3/8	04U-L66	11/16-16	3.24	.43	1.75	.16	13/16
3/8	3/8	06U-L66	11/16-16	3.26	.43	1.81	.26	13/16
3/8	1/2	06U-L68	13/16-16	3.58	.60	2.15	.26	15/16
1/2	3/8	08U-L66	11/16-16	3.32	.43	1.88	.26	13/16
1/2	1/2	08U-L68	13/16-16	3.56	.60	2.13	.36	15/16
1/2	5/8	08U-L70	1-14	3.67	.65	2.25	.36	1-1/8
5/8	5/8	10U-L70	1-14	4.13	.65	2.19	.46	1-1/8
5/8	3/4	10U-L72	1-3/16-12	4.53	.84	2.63	.48	1-3/8
3/4	5/8	12U-L70	1-14	4.49	.65	2.31	.46	1-1/8
3/4	3/4	12U-L72	1-3/16-12	4.96	.84	2.81	.59	1-3/8
3/4	1	12U-L76	1-7/16-12	5.29	.94	3.13	.76	1-5/8
1	3/4	16U-L72	1-3/16-12	4.99	.83	2.79	.56	1-3/8
1	1	16U-L76	1-7/16-12	5.29	.95	3.06	.76	1-5/8
1	1-1/4	16U-L80	1-11/16-12	5.00	1.07	2.79	.81	1-7/8
1-1/4	1-1/4	20U-L80	1-11/16-12	5.15	1.05	2.85	1.01	1-7/8

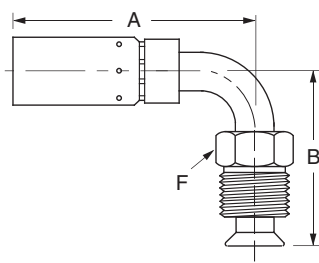
Split Flange 45° Tube Elbow - Metric

(Komatsu, Linkbelt, etc.)



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
5/8	16mm (5/8)	10U-G69	10x252	4.21	.94	2.25	.46	34mm (1.335)	.265

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
1/4	3/16	04U-B63	3/8-24	2.85	1.06	1.38	.12	3/8
1/4	1/4	04U-B64	7/16-24	2.89	1.36	1.38	.15	7/16
1/4	5/16	04U-B65	1/2-20	3.08	1.61	1.63	.21	1/2
3/8	1/4	06U-B64	7/16-24	2.89	1.36	1.44	.15	7/16
3/8	5/16	06U-B65	1/2-20	3.08	1.61	1.50	.21	1/2
3/8	3/8	06U-B66	5/8-18	3.40	1.97	1.88	.24	5/8
3/8	7/16	06U-B67	11/16-18	3.40	1.97	2.00	.24	11/16
1/2	1/2	08U-B68	3/4-18	3.50	2.32	2.06	.35	3/4

Coll-O-Crimp

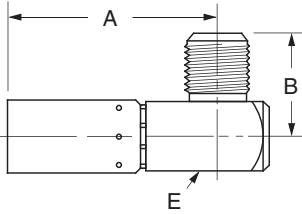
'U' Series

†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

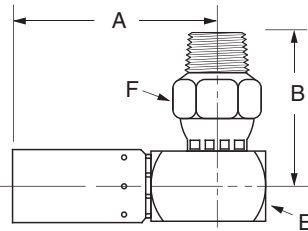
SAE 37° Male Rigid 90° Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	SQUARE E
3/8	5/8	06U-X60	7/8-14	2.50	1.10	1.06	.36	11/16
1/2	5/8	08U-X60	7/8-14	2.75	1.13	1.31	.36	3/4
3/4	5/8	12U-X60	7/8-14	4.15	1.32	2.00	.48	1-1/8

LOW & MEDIUM
PRESSURE HOSE

Male Pipe Swivel 90° Elbow



HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	SQUARE E	HEX F
1/4	1/4	04U-M04	1/4-18	2.43	1.79	1.00	.15	11/16	13/16
3/8	1/4	06U-M04	1/4-18	2.50	1.83	1.06	.24	11/16	13/16
3/8	3/8	06U-M06	3/8-18	2.50	1.84	1.06	.24	11/16	7/8
1/2	1/2	08U-M08	1/2-14	2.75	1.96	1.31	.35	3/4	7/8
3/4	3/4	12U-M12	3/4-14	4.15	2.46	2.00	.61	1-1/8	1-1/4

Note:

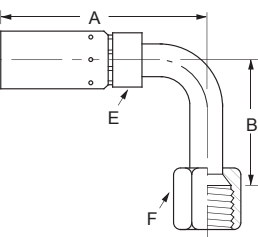
Swivel for installation purposes only.
(Not for temperatures above 212°F.)

HIGH PRESSURE HOSE

SPECIALTY HOSE

JIC 37° Female Swivel Long Drop 90° Tube Elbow

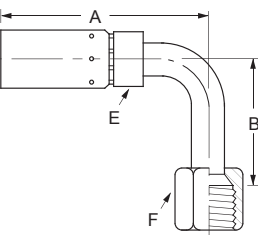
(Exceptions Noted)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
1/4	1/4	04U-644 ^a	7/16-20	2.95	1.80	1.50	.15	9/16
3/8	1/4	06U-644 ^a	7/16-20	2.89	1.80	1.44	.15	9/16
3/8	3/8	06U-646	9/16-18	3.18	2.18	1.75	.24	11/16
3/8	1/2	06U-648 ^a	3/4-16	3.35	2.43	1.92	.24	7/8
1/2	1/2	08U-648 ^a	3/4-16	3.33	2.43	1.88	.35	7/8
1/2	5/8	08U-650 ^a	7/8-14	3.45	2.57	2.00	.36	1
3/4	3/4	12U-652	1-1/16-12	4.81	3.73	2.63	.58	1-1/4
1	1	16U-656L33	1-5/16-12	5.18	3.37	3.00	.76	1-1/2

ACCESSORIES &
ASSEMBLY INSTRUCTIONS

SAE 45° Female Swivel Long Drop 90° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
3/8	3/8	06U-446	5/8-18	3.19	2.18	1.75	.24	3/4

ADAPTERS & TUBE
HOSE ENDS

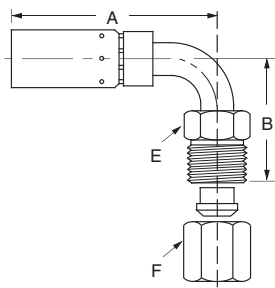
HOSE ASSEMBLY
EQUIPMENT

TECHNICAL DATA

Coll-O-Crimp

'U' Series

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

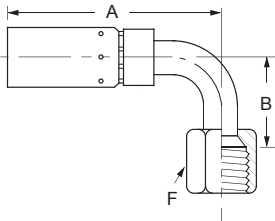
**Flareless 90° Tube
7000 Ermeto Series**

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	06U-976	9/16-18	3.14	1.54	1.69	.28	5/8	11/16

For replacement nuts and sleeves see pages 311-312.

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

(Exceptions Noted,
Refer to Footnotes)

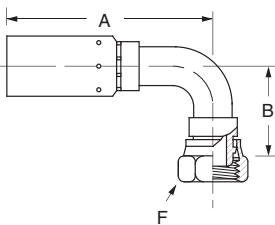


HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
1/4	1/4	04U-664 ^a	7/16-20	2.90	.68	1.44	.15	9/16
1/4	5/16	04U-665 ^a	1/2-20	3.09	.77	1.63	.21	5/8
1/4	3/8	04U-666	9/16-18	3.16	.85	1.63	.25	11/16
3/8	1/4	06U-664 ^a	7/16-20	2.85	.68	1.44	.15	9/16
3/8	3/8	06U-666	9/16-18	3.20	.85	1.75	.25	11/16
3/8	1/2	06U-668 ^a	3/4-16	3.27	1.09	1.75	.33	7/8
1/2	1/2	08U-668 ^a	3/4-16	3.33	1.09	1.88	.33	7/8
1/2	5/8	08U-670 ^a	7/8-14	3.92	1.23	2.50	.36	1
5/8	5/8	10U-670 ^a	7/8-14	4.36	1.23	2.44	.46	1
5/8	3/4	10U-672	1-1/16-12	4.96	1.82	3.00	.48	1-1/4
3/4	5/8	12U-670 ^a	7/8-14	4.29	1.23	2.14	.46	1
3/4	3/4	12U-672	1-1/16-12	4.76	1.82	2.63	.58	1-1/4
1	1	16U-676	1-5/16-12	5.03	2.14	2.81	.76	1-1/2
1	1-1/4	16U-677	1-5/8-12	5.06	3.31	2.86	.76	2
1-1/4	1-1/4	20U-677 [#]	1-5/8-12	5.29	3.34	2.99	1.01	2

[#] Crimp nut style design.

**Female Swivel
Universal Seat DIN
90° Tube Elbow**

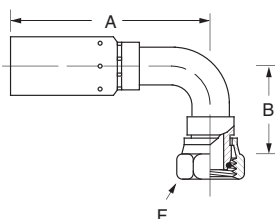
l. Rh. (Light)



HOSE I.D.	TUBE SIZE (MM)	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
1/4	8	04U-58D	M14x1.5	2.99	1.48	1.50	.16	11/16
1/4	10	04U-60D	M16x1.5	3.31	1.65	1.81	.16	3/4
3/8	10	06U-60D	M16x1.5	3.29	1.65	1.88	.25	3/4
3/8	12	06U-62D	M18x1.5	3.31	1.65	1.88	.25	7/8
1/2	15	08U-65D	M22x1.5	3.73	1.93	2.31	.36	1-1/16
5/8	18	10U-68D	M26x1.5	4.42	2.28	2.50	.48	1-1/4
3/4	22	12U-72D	M30x2.0	4.97	2.59	2.81	.61	1-7/16
1	28	16U-78D	M36x2.0	4.95	3.27	2.75	.81	1-5/8
1-1/4	35	20U-85D	M45x2.0	5.29	3.51	2.99	1.02	2-3/16

**Female 24° Swivel DIN
90° Tube Elbow**

s. Rh. DKO (Heavy)



HOSE I.D.	TUBE SIZE (MM)	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
3/8	12	06U-62E	M20x1.5	3.25	1.53	1.82	.25	1
3/8	14	06U-64E	M22x1.5	3.61	1.63	2.19	.25	1-1/16
1/2	16	08U-66E	M24x1.5	3.69	1.95	2.25	.33	1-1/8
5/8	20	10U-70E	M30x2.0	4.46	2.47	2.50	.48	1-7/16
3/4	25	12U-75E**	M36x2.0	5.27	2.90	3.13	.61	1-5/8
1	30	16U-80E**	M42x2.0	5.19	2.79	3.00	.77	2

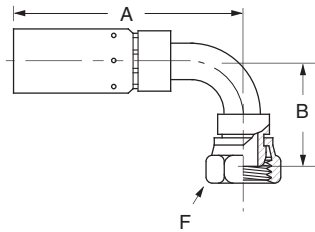
**Part number will crimp in COC T-410, T-420, T-440, ET1000 and ET4000 presses only.
(Includes O-ring)

Coll-O-Crimp

'U' Series

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

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

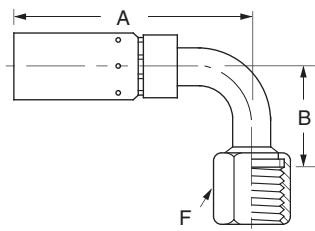


HOSE I.D	BSPP PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
1/4	1/4	04U-74P	G-1/4-19*	2.99	1.50	1.50	.16	3/4
3/8	3/8	06U-76P	G-3/8-19*	3.26	1.60	1.83	.25	7/8
3/8	1/2	06U-78P	G-1/2-14*	3.06	1.67	1.63	.25	1-1/16
1/2	1/2	08U-78P	G-1/2-14*	3.96	1.89	2.56	.36	1-1/16
1/2	5/8	08U-80P	G-5/8-14*	3.55	1.44	2.13	.36	1-1/4
5/8	5/8	10U-80P	G-5/8-14*	4.15	1.83	2.25	.49	1-3/16
3/4	3/4	12U-82P	G-3/4-14*	5.02	2.49	2.88	.58	1-1/4
1	1	16U-86P**	G-1-11*	4.95	3.09	2.75	.77	1-1/2
1-1/4	1-1/4	20U-90P**	G-1-1/4-11*	5.37	3.57	2.99	1.51	1-7/8

*G as part of thread size is ISO designation for parallel thread.

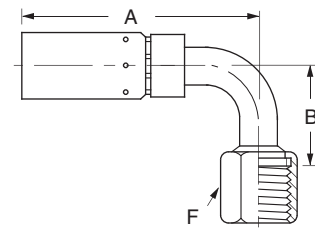
**Part number will crimp in C-O-C ET4000, T-410, T-420, and T-440 presses only.

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 F
1/4	1/4	04U-A24	9/16-18	3.00	.81	1.50	.16	11/16
1/4	3/8	04U-A26	11/16-16	3.13	.90	1.75	.16	13/16
3/8	1/4	06U-A24	9/16-18	3.00	.81	1.56	.16	11/16
3/8	3/8	06U-A26	11/16-16	3.13	.90	1.81	.26	13/16
3/8	1/2	06U-A28	13/16-16	3.33	1.15	1.88	.26	15/16
1/2	3/8	08U-A26	11/16-16	3.13	.90	1.75	.26	13/16
1/2	1/2	08U-A28	13/16-16	3.34	1.15	1.91	.36	15/16
1/2	5/8	08U-A30	1-14	3.46	1.27	2.03	.36	1-1/8
1/2	3/4	08U-A32	1-3/16-12	3.98	1.88	2.56	.36	1-3/8
5/8	5/8	10U-A30	1-14	3.92	1.27	2.00	.46	1-1/8
5/8	3/4	10U-A32	1-3/16-12	4.37	1.88	2.44	.46	1-3/8
3/4	5/8	12U-A30	1-14	4.26	1.27	2.13	.46	1-1/8
3/4	3/4	12U-A32	1-3/16-12	4.86	1.88	2.69	.59	1-3/8
3/4	1	12U-A36	1-7/16-12	5.14	2.21	2.98	.61	1-5/8
1	1	16U-A36	1-7/16-12	5.23	2.21	3.00	.76	1-5/8
1	1-1/4	16U-A40	1-11/16-12	5.06	2.59	2.86	.81	1-7/8
1-1/4	1-1/4	20U-A40	1-11/16-12	5.29	2.50	2.99	1.02	1-7/8
1-1/4	1-1/2	20U-A44	2-12	5.29	2.67	2.99	1.02	2-1/4

Female FOR-SEAL Swivel Medium Drop 90° Tube Elbow



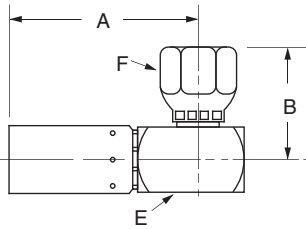
HOSE I.D	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
1/4	1/4	04U-J34	9/16-18	3.07	1.26	1.59	.16	11/16
1/4	3/8	04U-J36	11/16-16	3.13	1.51	1.69	.16	13/16
1/4	1/2	04U-J38	13/16-16	3.37	1.62	1.88	.16	15/16
3/8	3/8	06U-J36	11/16-16	3.20	1.51	1.69	.24	13/16
3/8	1/2	06U-J38	13/16-16	3.36	1.62	1.93	.25	15/16
1/2	3/8	08U-J36	11/16-16	3.20	1.51	1.72	.24	13/16
1/2	1/2	08U-J38	13/16-16	3.37	1.62	1.94	.33	15/16
1/2	3/4	08U-J42	1-3/16-12	4.02	2.28	2.59	.36	1-3/8
5/8	5/8	10U-J40	1-14	4.29	1.85	2.13	.46	1-1/8
3/4	5/8	12U-J40	1-1/4	3.95	1.85	2.00	.46	1-1/8
3/4	3/4	12U-J42	1-3/16-12	4.83	2.28	2.69	.58	1-3/8
1	1	16U-J46	1-7/16-12	5.33	2.78	3.13	.76	1-5/8
1	1-1/4	16U-J50	1-11/16-12	5.11	3.22	3.04	.81	1-7/8
1-1/4	1-1/4	20U-J50	1-11/16-12	5.31	3.09	3.00	1.01	1-7/8

Coll-O-Crimp

'U' Series

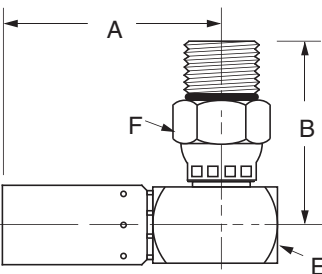
†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly

JIC 37° Female Swivel 90° Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	SQUARE E	HEX F
1/4	1/4	04U-554	7/16-20	2.43	1.06	.95	.16	11/16	9/16
3/8	3/8	06U-556	9/16-18	2.50	1.18	1.06	.25	11/16	11/16
1/2	1/2	08U-558	3/4-16	2.75	1.35	1.31	.36	3/4	7/8
1/2	5/8	08U-560	7/8-14	2.75	1.34	1.31	.36	3/4	1
3/4	5/8	12U-560	7/8-14	4.15	1.54	2.00	.61	1-1/8	1
3/4	3/4	12U-562	1-1/16-12	4.15	1.62	2.00	.61	1-1/8	1-1/4
3/4	7/8	12U-564	1-3/16-12	4.15	1.68	2.00	.61	1-1/8	1-3/8

Male Straight Thread O-Ring Swivel 90° Elbow



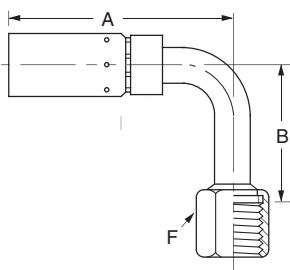
HOSE I.D.	PORT SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	SQUARE E	HEX F
1/4	3/8	04U-R66	9/16-18	2.43	1.68	.94	.16	11/16	7/8
3/8	3/8	06U-R66	9/16-18	2.50	1.68	1.06	.25	11/16	7/8
3/8	1/2	06U-R68	3/4-16	2.50	1.64	1.06	.25	11/16	7/8
3/8	5/8	06U-R70	7/8-14	2.50	1.80	1.06	.25	11/16	1
1/2	1/2	08U-R68	3/4-16	2.75	1.64	1.31	.36	3/4	7/8
1/2	5/8	08U-R70	7/8-14	2.75	1.79	1.31	.36	3/4	1-1/8
1/2	3/4	08U-R72	1-1/16-12	2.75	1.89	1.31	.36	3/4	1-1/4
3/4	3/4	12U-R72	1-1/16-12	4.15	2.24	2.00	.61	1-1/8	1-7/16

(Includes O-ring. For replacement O-ring, see page 254.)

(Not for temperatures above 212°F.)

Note: Swivel for installation purposes only.

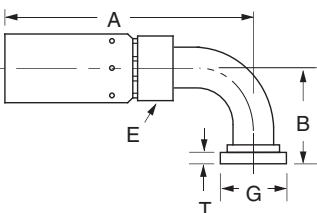
Female FOR-SEAL Swivel Long Drop 90° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
1/4	1/4	04U-A64	9/16-18	3.14	1.80	1.63	.16	11/16
1/4	3/8	04U-A66	11/16-16	3.31	2.13	1.83	.16	13/16
3/8	3/8	06U-A66	11/16-16	3.34	2.13	1.91	.24	13/16
3/8	1/2	06U-A68	13/16-16	3.37	2.51	1.94	.25	15/16
1/2	1/2	08U-A68	13/16-16	3.28	2.51	1.85	.36	15/16
1/2	5/8	08U-A70	1-14	3.49	2.76	2.00	.36	1-1/8
5/8	5/8	10U-A70	1-14	3.95	2.76	2.06	.46	1-1/8
3/4	3/4	12U-A72	1-3/16-12	4.87	3.78	2.72	.59	1-3/8
1	1	16U-A76	1-7/16-12	5.34	4.50	3.13	.76	1-5/8
1-1/4	1-1/4	20U-A80	1-11/16-12	5.31	5.09	3.00	1.01	1-7/8
1-1/4	1-1/2	20U-A84	2-12	5.31	5.54	3.00	1.01	2-1/4

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
1/2	1/2	08U-G71	8x252	3.63	1.63	2.19	.41	1.19 (30mm)	.265
3/4	3/4	12U-G72	12x252	4.75	2.13	2.63	.58	1.50 (38mm)	.265
3/4	1	12U-G76	16x252	4.78	2.13	2.56	.58	1.75 (44mm)	.315
1	1	16U-G76	16x252	5.43	2.38	3.23	.77	1.75 (44mm)	.315
1	1-1/4	16U-G80	20x252	5.43	2.38	3.23	.77	2.00 (51mm)	.315
1-1/4	1-1/4	20U-G80	20x252	5.35	2.63	3.05	1.02	2.00 (51mm)	.315
1-1/4	1-1/2	20U-G84	24x252	5.37	2.63	3.05	1.02	2.38 (60mm)	.315

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

Coll-O-Crimp

430 'U' 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

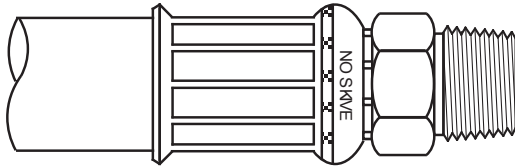
ACCESSORIES & ASSEMBLY INSTRUCTIONS

ADAPTERS & TUBE HOSE ENDS

HOSE ASSEMBLY EQUIPMENT

TECHNICAL DATA

Hose End 430 'U' Series



Note:

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

Ordering Information:

Order individually by catalog number. O-rings not supplied with split flange hose ends. Order o-rings by catalog number; reference individual hose end listings for details.

Refer to important safety information on page 4.

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

Compatible Hose: H039; H115; H145; H245; H425; H350; H430 and H430R

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

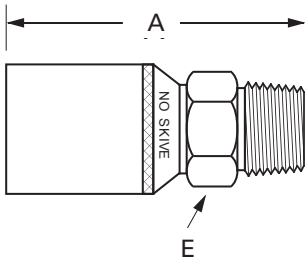
Advantages: Excellent selection of no-skive hose ends. Can be used with Caterpillar, John Deere, and many major manufacturers of heavy equipment.

Assemble With:

T-410-1, T-420-1, T-440-1, T-480, ET1000 or ET4000.

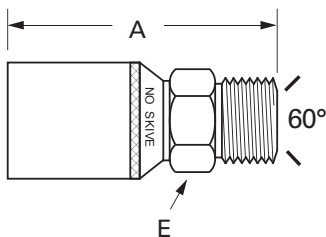
Label Set: FS-3100

Male Pipe (NPTF) Rigid



HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
3/8	1/4	43006U-108	1/8-18	2.02	1.18	.26	11/16
3/8	3/8	43006U-106	3/8-18	2.11	1.28	.26	11/16
3/8	1/2	43006U-108	12-18	2.11	1.28	.26	7/8
1/2	1/2	43008U-108	1/2-14	3.56	1.69	.34	7/8
1/2	3/4	43008U-112	3/4-14	3.29	1.38	.34	1-1/16
5/8	1/2	43010U-108	1/2-18	2.61	1.58	.50	15/16
5/8	3/4	43010U-112	3/4-14	2.43	1.40	.50	1-1/16
3/4	3/4	43012U-112	3/4-14	3.68	1.69	.61	1-1/16
3/4	1	43012U-116	1-11-1/2	3.77	1.75	.61	1-3/8
1	3/4	43016U-112	3/4-14	3.86	1.81	.71	1-1/4
1	1	43016U-116	1-11-1/2	4.05	2.00	.81	1-3/8
1	1-1/4	43016U-120	1-1/4-11-1/2	4.08	2.06	.81	1-11/16
1-1/4	1-1/4	43020U-120	1-1/4-11-1/2	4.58	2.31	1.02	1-11/16
1-1/2	1-1/2	43024U-124	1-1/2-11-1/2	4.87	2.38	1.25	2
2	2	43032U-132	2-11-1/2	5.51	2.69	1.69	2-1/2

British Standard 60° Cone (BSPP) Male Pipe Rigid



HOSE I.D.	BSPP PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
3/4	3/4	43012U-P62	G-3/4-14*	3.56	1.56	.61	1-1/8
1	1	43016U-P66	G-1-11*	3.73	1.69	.81	1-3/8
1-1/4	1-1/4	43020U-P67	G-1-1/4-11*	4.41	2.13	1.02	1-3/4

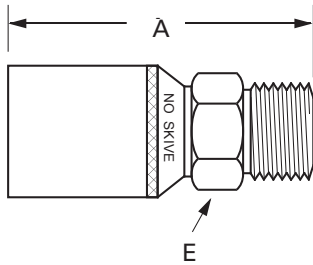
*G As Part of Thread Size is ISO Designation for Parallel Thread.

Coll-O-Crimp

430 'U' Series

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

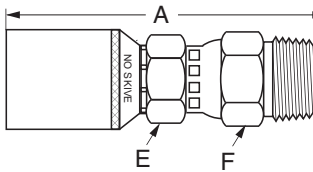
FOR-SEAL Male Rigid



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
3/8	3/8	43006U-E66	11/16-06	1.83	.99	.26	3/4
3/8	1/2	43006U-E68	13/16-16	1.79	.95	.26	7/8
1/2	1/2	43008U-E68	13/16-16	3.24	1.31	.34	7/8
3/4	3/4	43012U-E72	1-3/16-12	3.57	1.56	.61	1-1/4
1	1	43016U-E76	1-7/16-12	3.55	1.50	.81	1-1/2
1-1/4	1-1/4	43020U-E80	1-11/16-12	3.90	1.56	1.04	1-3/4

Does not include O-Ring. See page 265 for O-Ring.

Male Pipe Swivel

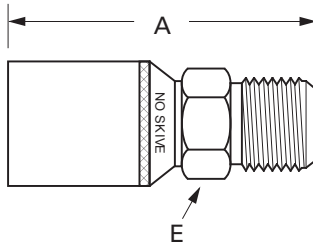


HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1	1	43016U-J16	1-11	5.02	3.00	.78	1-1/4	1-3/8

Note:

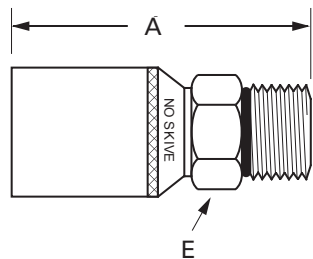
Swivel for installation purposes only.
(Not for temperatures above 212°F.)

SAE 37° Male Rigid



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
3/8	3/8	43006U-506	9/16-18	2.00	1.17	.26	11/16
3/8	1/2	43006U-508	3/4-16	1.94	1.11	.26	13/16
1/2	1/2	43008U-508	3/4-16	3.50	1.63	.34	7/8
1/2	5/8	43008U-510	7/8-14	3.30	1.38	.34	1
5/8	5/8	43010U-510	7/8-14	2.60	1.57	.50	15/16
5/8	3/4	43010U-512	1-1/16-12	2.46	1.43	.50	1-1/8
3/4	3/4	43012U-512	1-1/16-12	3.74	1.75	.61	1-1/8
3/4	7/8	43012U-514	1-3/16-12	3.81	1.81	.61	1-1/4
3/4	1	43012U-516	1-5/16-12	4.02	2.06	.61	1-3/8
1	1	43016U-516	1-5/16-12	4.02	2	.81	1-3/8
1	1-1/4	43016U-520	1-5/8-12	3.84	1.81	.81	1-11/16
1-1/4	1-1/4	43020U-520	1-5/8-12	4.57	2.31	1.02	1-11/16
1-1/2	1-1/2	43024U-524	1-7/8-12	4.95	2.50	1.25	2
2	2	43032U-532	2-1/2-12	5.57	2.75	1.69	2-5/8

Male Straight Thread O-Ring Rigid



HOSE I.D.	PORT SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
3/8	3/8	43006U-P06	9/16-18	1.84	1.00	.26	11/16
3/8	1/2	43006U-P06	3/4-16	1.81	.98	.26	7/8
5/8	5/8	43010U-P10	7/8-14	2.34	1.31	.50	1
5/8	3/4	43010U-P12	1-1/16-12	2.26	1.23	.50	1-1/4
1	1	43016U-P16	1-5/16-12	3.45	1.44	.81	1-1/2

(Includes O-Ring)
For replacement O-Ring see page 254.

Coll-O-Crimp

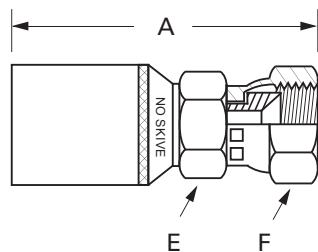
430 'U' Series

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

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

JIC 37° Female Swivel

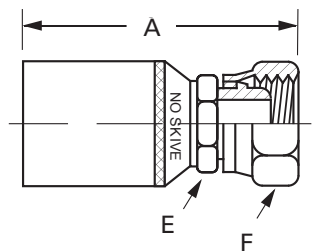
(Exceptions noted)



HOSE I.D	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
3/8	1/4	43006U-604	7/16-20	2.03	1.19	.17	11/16	9/16
3/8	3/8	43006U-606	9/16-18	2.12	1.28	.26	9/16	9/16
3/8	1/2	43006U-608	3/4-16	2.15	1.31	.26	11/16	7/8
1/2	3/8	43008U-606	9/16-18	3.56	1.69	.34	13/16	11/16
1/2	1/2	43008U-608 ^a	3/4-16	3.67	1.75	.34	13/16	7/8
1/2	5/8	43008U-610 ^a	7/8-14	3.72	1.81	.34	13/16	1
1/2	3/4	43008U-612	1-1/16-12	3.76	1.88	.34	1	1-1/4
5/8	5/8	43010U-610	7/8-14	2.64	1.61	.50	15/16	1
3/4	5/8	43012U-610	7/8-14	3.97	1.97	.61	1	1
5/8	3/4	43010U-612	1-1/16-12	2.59	1.57	.50	1	1-1/4
3/4	3/4	43012U-612	1-1/16-12	4.08	2.06	.61	1	1-1/4
3/4	7/8	43012U-614	1-3/16-12	3.90	1.88	.61	1-1/4	1-3/8
3/4	1	43012U-616	1-5/16-12	4.01	2.00	.61	1-1/4	1-1/2
1	3/4	43016U-612	1-1/16-12	4.19	2.19	.61	1-1/4	1-1/4
1	1	43016U-616	1-5/16-12	4.28	2.25	.81	1-1/4	1-1/2
1	1-1/4	43016U-620	1-5/8-12	4.12	2.06	.81	1-5/8	2
1-1/4	1-1/4	43020U-620	1-5/8-12	4.87	2.63	1.02	1-11/16	2
1-1/4	1-1/2	43020U-624	1-7/8-12	5.03	2.75	1.02	1-7/8	2-1/4
1-1/2	1-1/2	43024U-624	1-7/8-12	5.29	2.81	1.25	2	2-1/4
2	2	43032U-632	2-1/2-12	6.04	3.25	1.69	2-1/2	3

Female Swivel DIN Universal Seat

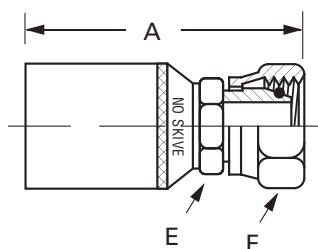
l. Rh. (Light) (DIN 3901/3902)



HOSE I.D	TUBE SIZE (MM)	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
3/4	22	43012U-22C	M30x2.0	4.12	2.13	.61	1-1/8	1-7/16

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	20	43012U-70C	M30x2.0	3.68	1.69	.61	1-1/8	1-7/16
3/4	25	43012U-75C	M36x2.0	4.14	2.13	.61	1-1/4	1-5/8
1	30	43016U-80C	M42x2.0	4.07	2.00	.81	1-5/8	2
1-1/4	30	43020U-80C	M42x2.0	4.32	2.00	1.02	1-5/8	2

(Includes O-Ring)

APPLICATION DATA

LOW & MEDIUM PRESSURE HOSE

HIGH PRESSURE HOSE

SPECIALTY HOSE

ACCESSORIES & ASSEMBLY INSTRUCTIONS

ADAPTERS & TUBE HOSE ENDS

HOSE ASSEMBLY EQUIPMENT

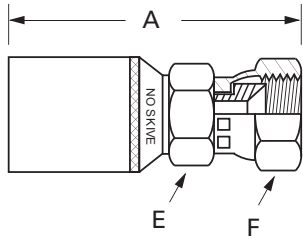
TECHNICAL DATA

Coll-O-Crimp**430 'U' Series**

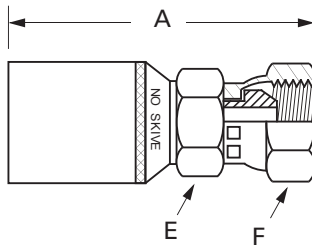
†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly

**Female Swivel 30°
Flare Metric Thread**

(Komatsu, Linkbelt, etc.)

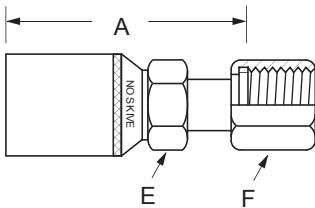


HOSE I.D.	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/2	43008U-22K	M22x1.5	3.72	1.81	.34	7/8	1
3/4	43012U-30K	M30x1.5	3.96	1.94	.61	1-1/8	1-3/8
1	43016U-33K	M33x1.5	4.27	2.25	.81	1-1/4	1-1/2
1-1/4	43020U-36K	M36x1.5	5.19	2.88	.92	1-5/8	1-3/4

**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
1/2	1/2	43008U-358	G-1/2-14*	3.78	1.88	.34	7/8	1-1/16
3/4	3/4	43012U-362	G-3/4-14*	4.09	2.06	.61	1	1-1/4
1	1	43016U-366	G-1-11*	4.29	2.25	.81	1-1/4	1-1/2
1-1/4	1-1/4	43020U-370	G-1-1/4-11*	4.76	2.50	1.02	1-5/8	1-7/8

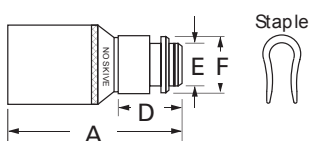
*G As Part of Thread Size is ISO Designated for Parallel Thread.

**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
3/8	1/4	43006U-S64	9/16-18	1.98	1.15	.17	11/16	11/16
3/8	3/8	43006U-S66	11/16-16	2.07	1.24	.26	11/16	13/16
3/8	1/2	43006U-S68	13/16-16	2.16	1.32	.26	13/16	15/16
1/2	1/2	43008U-S68	13/16-16	3.30	1.42	.34	13/16	15/16
1/2	5/8	43008U-S70	1-1/4	3.40	1.52	.34	15/16	1-1/8
5/8	1/2	43010U-S68	13/16-16	2.54	1.51	.38	15/16	15/16
5/8	5/8	43010U-S70	1-1/4	2.63	1.61	.48	15/16	1-1/8
5/8	3/4	43010U-S72	1-3/16-12	2.66	1.63	.50	1-1/8	1-3/8
3/4	5/8	43012U-S70	1-1/4	4.06	2.06	.45	1	1-1/8
3/4	3/4	43012U-S72	1-3/16-12	3.85	2.09	.61	1-1/8	1-3/8
3/4	1	43012U-S76	1-7/16-12	4.15	2.13	.55	1	1-5/8
1	1	43016U-S76	1-7/16-12	4.68	2.69	.76	1-1/4	1-5/8
1	1-1/4	43016U-S80	1-11/16-12	4.33	2.31	.81	1-1/2	1-7/8
1-1/4	1-1/4	43020U-S80	1-11/16-12	4.51	2.25	1.02	1-5/8	1-7/8
1-1/2	1-1/2	43024U-S84	2-12	4.77	2.31	1.25	2	2-1/4

**READY-LOK Male
Connector**

(For Deep Mining Markets)



HOSE I.D.	CONNECTION SIZE	CATALOG NUMBER	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	LENGTH D	DIA. E	DIA. F
3/8	3/8	43006U-06S	2.14	1.30	.26	1.04	.55	.78
3/8	1/2	43006U-08S	2.14	1.30	.26	1.04	.71	.94
1/2	1/2	43008U-08S	3.31	1.43	.34	.94	.70	.94
3/4	3/4	43012U-12S	3.53	1.50	.61	1.14	.94	1.14
1	1	43016U-16S	3.76	1.75	.81	1.34	1.21	1.53
1-1/4	1-1/4	43020U-20S	4.01	1.75	1.02	1.34	1.49	1.80
1-1/2	1-1/2	43024U-24S	5.06	2.59	1.25	2.51	1.85	2.17

(For READY-Lok Staple, O-Ring and backup ring reference pages 326-329.)

Coll-O-Crimp

430 'U' 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

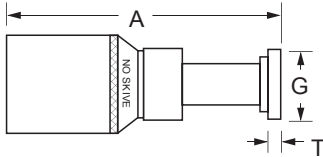
ADAPTERS & TUBE HOSE ENDS

HOSE ASSEMBLY EQUIPMENT

TECHNICAL DATA

Split Flange Straight

(SAE Code 61)

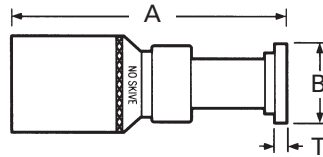


HOSE I.D.	NOMINAL FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCLUDED) A	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. G	T NOMINAL
1/2	1/2	43008U-G08	8x252	4.18	2.25	.34	1.19 (30mm)
1/2	3/4	43008U-G12	12x252	4.24	2.31	.34	1.50 (38mm)
3/4	3/4	43012U-G12	12x252	4.16	2.13	.56	1.50 (38mm)
3/4	1	43012U-G16	16x252	4.16	2.13	.56	1.75 (44mm)
3/4	1-1/4	43012U-G20	20x252	4.16	2.13	.56	2.00 (51mm)
5/8	3/4	43010U-G12	12x252	3.13	2.10	.50	1.50 (38mm)
1	1	43016U-G16	16x252	4.40	2.38	.76	1.75 (44mm)
1	1-1/4	43016U-G20	20x252	4.40	2.38	.76	2.00 (51mm)
1	1-1/2	43016U-G24	24x252	4.46	2.44	.76	2.38 (60mm)
1-1/4	1-1/4	43020U-G20	20x252	5.01	2.75	1.02	2.00 (51mm)
1-1/4	1-1/2	43020U-G24	24x252	5.07	2.81	1.02	2.38 (60mm)
1-1/4	1-1/2	43020U-G24L64	24x252	9.60	7.31	1.01	2.38 (60mm)
1-1/4	2	43020U-G32	32x252	5.13	2.88	1.02	2.81 (71mm)
1-1/2	1-1/2	43024U-G24	24x252	5.63	3.13	1.25	2.38 (60mm)
1-1/2	2	43024U-G32	32x252	5.83	3.31	1.25	2.81 (71mm)
2	1-1/2	43032U-G24	24x252	6.23	3.38	1.56	2.38 (60mm)
2	2	43032U-G32	32x252	6.08	3.25	1.56	2.81 (71mm)

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

Split Flange Straight

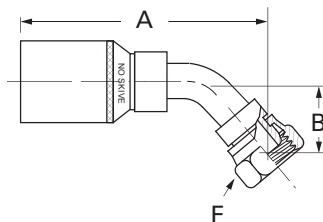
(SAE Code 62)



HOSE I.D.	NOMINAL FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCLUDED) A	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. G	T NOMINAL
1/2	1/2	43008U-D08	8x252	4.25	2.38	.34	1.25 (32mm)
1/2	3/4	43008U-D12	12x252	4.27	2.38	.34	1.62 (41mm)
5/8	3/4	43010U-D12	12x252	3.13	2.11	.50	1.62 (41mm)
3/4	3/4	43012U-D12	12x252	4.19	2.19	.56	1.62 (41mm)
3/4	1	43012U-D16	16x252	4.22	2.19	.56	1.88 (48mm)
1	1	43016U-D16	16x252	4.46	2.44	.76	1.88 (48mm)
1	1-1/4	43016U-D20	20x252	4.49	2.44	.76	2.12 (54mm)
1-1/4	1-1/4	43020U-D20	20x252	5.10	2.81	1.02	2.12 (54mm)
1-1/4	1-1/2	43020U-D24	24x252	5.21	2.94	1.02	2.50 (64mm)
1-1/2	1-1/2	43024U-D24	24x252	5.63	3.13	1.25	2.50 (64mm)
2	2	43032U-D32	32x252	7.18	4.38	1.56	3.12 (79mm)

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

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



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	HOSE CUT-OFF FACTOR†		HOLE DIA.	HEX F
				A	B		
3/4	3/4	43012U-52P	G-3/4-14*	5.33	1.24	3.31	1-1/4
1	1	43016U-56P	G-1-11*	5.21	1.46	3.19	1-1/2

*G As part of Thread is ISO Designation for Parallel Thread.

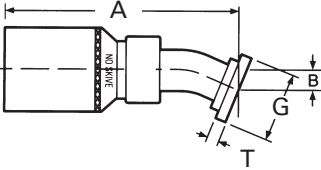
Coll-O-Crimp**430 'U' Series**

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

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

**Split Flange 22-1/2°
Tube Elbow**

(SAE Code 61)

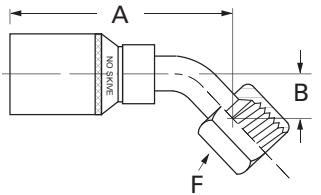


HOSE I.D.	NOMINAL FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCL'D)	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. G	T NOMINAL
1/2	1/2	43008U-H01	8x252	4.45	.38	2.56	.34	1.19 (30mm)	.265
1/2	3/4	43008U-H02	12x252	4.50	.40	2.63	.34	1.50 (38mm)	.265
3/4	3/4	43012U-H02	12x252	4.81	.44	2.81	.56	1.50 (38mm)	.265
3/4	1	43012U-H03	16x252	4.81	.44	2.81	.56	1.75 (44mm)	.315
1	1	43016U-H03	16x252	5.09	.45	3.06	.76	1.75 (44mm)	.315
1	1-1/4	43016U-H04	20x252	6.15	.45	3.07	.76	2.00 (51mm)	.315
1-1/4	1-1/4	43020U-H04	20x252	5.21	.50	2.94	1.02	2.00 (51mm)	.315
1-1/4	1-1/2	43020U-H05	24x252	5.21	.50	2.94	1.02	2.38 (60mm)	.315
1-1/2	1-1/2	43024U-H05	24x252	6.16	.63	3.69	1.25	2.38 (60mm)	.315
1-1/2	2	43024U-H06	32x252	6.15	.63	3.69	1.25	2.81 (71mm)	.375
2	2	43032U-H06	32x252	7.67	.94	4.88	1.56	2.81 (71mm)	.375

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

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

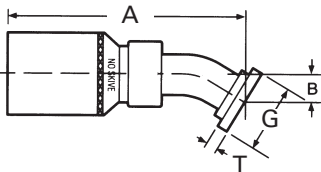
(Refer to Footnotes)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
3/8	3/8	43006U-686	9/16-18	2.82	.85	1.98	.24	11/16
3/8	1/2	43006U-688	3/4-16	2.98	.95	2.14	.26	7/8
1/2	1/2	43008U-688 ^a	3/4-16	4.08	.55	2.19	.34	7/8
1/2	5/8	43008U-690 ^a	7/8-14	4.28	.63	2.38	.34	1
5/8	3/4	43010U-692	1-1/16-12	3.65	1.16	2.62	.50	1-1/4
3/4	3/4	43012U-692	1-1/16-12	4.70	.78	2.69	.56	1-1/4
1	1	43016U-696	1-5/16-12	5.67	1.53	3.84	.76	1-1/2

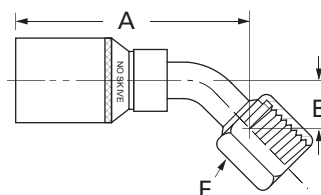
**Split Flange
30° Tube Elbow**

(SAE Code 61)



HOSE I.D.	NOMINAL FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCL'D)	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. G	T NOMINAL
1/2	1/2	43008U-H21	8x252	4.40	.50	2.50	.34	1.19 (30mm)	.265
1/2	3/4	43008U-H22	12x252	4.45	.53	2.56	.34	1.50 (38mm)	.265
3/4	3/4	43012U-H22	12x252	4.75	.59	2.75	.56	1.50 (38mm)	.265
3/4	1	43012U-H23	16x252	4.75	.59	2.75	.56	1.75 (44mm)	.315
1	1	43016U-H23	16x252	5.09	.64	3.06	.76	1.75 (44mm)	.315
1	1-1/4	43016U-H24	20x252	5.01	.64	3.00	.76	2.00 (51mm)	.315
1-1/4	1-1/4	43020U-H24	20x252	5.33	.72	3.06	1.02	2.00 (51mm)	.315
1-1/4	1-1/2	43020U-H25	24x252	5.38	.75	3.13	1.02	2.38 (60mm)	.315
1-1/2	1-1/2	43024U-H25	24x252	6.33	.91	3.81	1.25	2.38 (60mm)	.315
1-1/2	2	43024U-H26	32x252	6.50	1.01	4.00	1.25	2.81 (71mm)	.375
2	2	43032U-H26	32x252	7.88	1.31	5.44	1.56	2.81 (71mm)	.375

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

**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 F
3/8	3/8	43006U-L66	11/16-16	2.27	.43	1.43	.26	13/16
3/8	1/2	43006U-L68	13/16-16	2.58	.59	1.74	.26	15/16
1/2	1/2	43008U-L68	13/16-16	4.16	.59	2.25	.34	15/16
1/2	5/8	43008U-L70	1-14	4.48	.65	2.56	.34	1-1/8
5/8	5/8	43010U-L70	1-14	3.05	.65	2.02	.45	1-1/8
3/4	3/4	43012U-L72	1-3/16-12	4.80	.84	2.81	.56	1-3/8
1	1	43016U-L76	1-7/16-12	5.11	.95	3.06	.76	1-5/8
1-1/4	1-1/4	43020U-L80	1-11/16-12	5.07	1.05	2.85	1.01	1-7/8
1-1/2	1-1/2	43024U-L84	2-12	5.98	1.07	3.50	1.25	2-1/4

Coll-O-Crimp

430 'U' 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

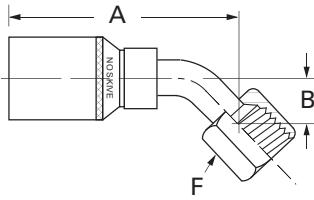
ACCESSORIES & ASSEMBLY INSTRUCTIONS

ADAPTERS & TUBE HOSE ENDS

HOSE ASSEMBLY EQUIPMENT

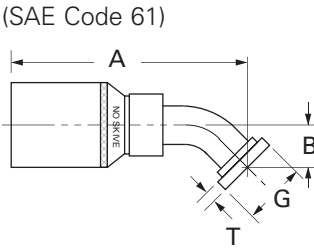
TECHNICAL DATA

JIC 37° Female Swivel 60° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
1/2	5/8	43008U-C60	7/8-14	4.48	1.00	2.63	.34	1
3/4	3/4	43012U-C62	1-1/16-12	5.12	1.71	3.13	.56	1-1/4
1	1	43016U-C66	1-5/16-12	5.74	1.53	3.69	.76	1-1/2

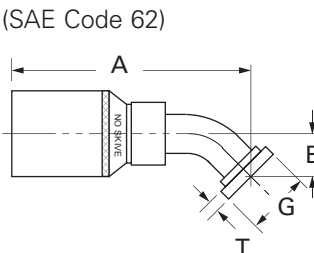
Split Flange 45° Tube Elbow (SAE Code 61)



HOSE I.D.	NOMINAL FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCL'D)	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. G	T NOMINAL
1/2	1/2	43008U-G41	8x252	4.51	.78	2.63	.34	1.19 (30mm)	.265
1/2	3/4	43008U-G42	12x252	4.55	.82	2.63	.34	1.50 (38mm)	.265
1/2	1	43008U-G46	16x252	4.86	.82	3.00	.34	1.75 (44mm)	.315
5/8	3/4	43010U-G42	12x252	3.56	1.00	2.53	.50	1.50 (38mm)	.265
3/4	3/4	43012U-G42	12x252	4.92	1.00	2.94	.56	1.50 (38mm)	.265
3/4	1	43012U-G46	16x252	4.92	1.00	2.94	.56	1.75 (44mm)	.315
1	1	43016U-G46	16x252	4.64	.89	2.62	.76	1.75 (44mm)	.315
1	1-1/4	43016U-G50	20x252	4.82	1.06	2.81	.76	2.00 (51mm)	.315
1-1/4	1-1/4	43020U-G50	20x252	5.22	1.09	2.90	1.01	2.00 (51mm)	.315
1-1/4	1-1/2	43020U-G54	24x252	5.14	1.09	2.90	1.01	2.38 (60mm)	.315
1-1/2	1-1/2	43024U-G54	24x252	6.39	1.41	3.93	1.25	2.38 (60mm)	.315
1-1/2	2	43024U-G62	32x252	6.39	1.41	3.93	1.25	2.81 (71mm)	.375
2	2	43032U-G62	32x252	8.04	2.00	5.23	1.56	2.81 (79mm)	.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 INCL'D)	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. G	T NOMINAL
1/2	1/2	43008U-D41	8x252	4.82	.94	2.94	.34	1.25 (32mm)	.345
1/2	3/4	43008U-D42	12x252	4.82	1.00	2.94	.34	1.62 (41mm)	.345
5/8	3/4	43010U-D12	12x252	3.13	1.63	2.11	.50	1.62 (41mm)	.345
3/4	3/4	43012U-D42	12x252	5.19	1.27	3.19	.56	1.62 (41mm)	.345
3/4	1	43012U-D46	16x252	5.21	1.29	3.19	.56	1.88 (48mm)	.375
1	1	43016U-D46	16x252	5.57	1.34	3.56	.76	1.88 (48mm)	.375
1	1-1/4	43016U-D50	20x252	5.56	1.44	3.50	.76	2.12 (54mm)	.405
1-1/4	1-1/4	43020U-D50	20x252	6.60	1.68	4.31	1.01	2.12 (54mm)	.405
1-1/4	1-1/2	43020U-D54	24x252	6.67	1.75	4.38	1.01	2.50 (64mm)	.495
1-1/2	1-1/2	43024U-D54	24x252	7.25	1.86	4.75	1.25	2.50 (64mm)	.495
2	2	43032U-D62	32x252	8.74	2.25	5.94	1.56	3.12 (79mm)	.495

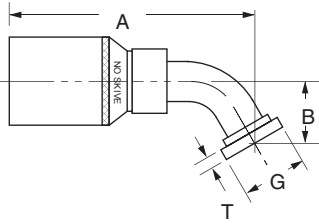
(For Split Flange Kits, see pages 330-333.)

Coll-O-Crimp**430 'U' 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
60° Tube Elbow**

(SAE Code 61)

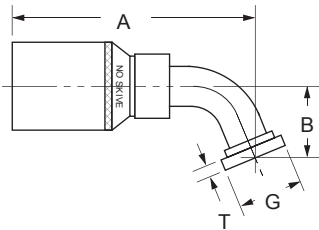


HOSE I.D.	NOMINAL FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCL'D)	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. G	T NOMINAL
1/2	1/2	43008U-H51	8x252	4.59	1.05	2.69	.34	1.19 (30mm)	.265
1/2	3/4	43008U-H52	12x252	4.62	1.10	2.75	.34	1.50 (38mm)	.265
3/4	3/4	43012U-H52	12x252	4.98	1.38	2.94	.56	1.50 (38mm)	.265
3/4	1	43012U-H53	16x252	4.98	1.38	2.94	.56	1.75 (44mm)	.315
1	1	43016U-H53	16x252	5.47	1.51	3.44	.76	1.75 (44mm)	.315
1	1-1/4	43016U-H54	20x252	5.58	1.51	3.56	.76	2.00 (51mm)	.315
1-1/4	1-1/4	43020U-H54	20x252	5.57	1.69	3.31	1.01	2.00 (51mm)	.315
1-1/4	1-1/2	43020U-H55	24x252	5.57	1.66	3.30	1.01	2.38 (60mm)	.315
1-1/2	1-1/2	43024U-H55	24x252	6.51	2.08	4.00	1.25	2.38 (60mm)	.315
1-1/2	2	43024U-H56	32x252	6.61	2.25	4.13	1.25	2.81 (71mm)	.375
2	2	43032U-H56	32x252	8.19	2.87	5.38	1.56	2.81 (71mm)	.375

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

**Split Flange
67-1/2° Tube Elbow**

(SAE Code 61)



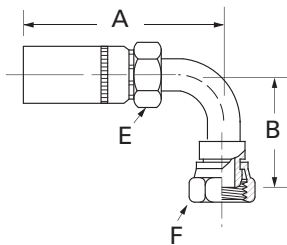
HOSE I.D.	NOMINAL FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCL'D)	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. G	T NOMINAL
1/2	1/2	43008U-H61	8x252	4.40	1.25	2.50	.34	1.19 (30mm)	.265
1/2	3/4	43008U-H62	12x252	4.46	1.25	2.56	.34	1.50 (38mm)	.265
1/2	1	43008U-H63	16x252	4.69	1.25	2.81	.34	1.75 (44mm)	.315
3/4	3/4	43012U-H62	12x252	4.99	1.59	3.00	.56	1.50 (38mm)	.265
3/4	1	43012U-H63	16x252	4.99	1.59	3.00	.56	1.75 (44mm)	.315
3/4	1-1/4	43012U-H64	20x252	4.99	1.59	3.00	.56	2.00 (51mm)	.315
1	1	43016U-H63	16x252	5.25	1.76	3.19	.76	1.75 (44mm)	.315
1	1-1/4	43016U-H64	20x252	5.25	1.76	3.19	.76	2.00 (51mm)	.315
1-1/4	1-1/4	43020U-H64	20x252	5.55	1.94	3.25	1.01	2.00 (51mm)	.315
1-1/4	1-1/2	43020U-H65	24x252	5.57	2.00	3.30	1.01	2.38 (60mm)	.315
1-1/2	1-1/2	43024U-H65	24x252	6.53	2.37	4.07	1.25	2.38 (60mm)	.315
1-1/2	2	43024U-H66	32x252	6.53	2.37	4.07	1.25	2.81 (71mm)	.375
2	2	43032U-H66	32x252	8.39	3.40	5.56	1.56	2.81 (71mm)	.375

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

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

HOSE I.D.	BSPP SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
3/4	3/4	43012U-82P	G-3/4-14*	4.58	2.46	2.97	.56	1-1/8	1-1/4
1	1	43016U-86P	G-1-11*	4.77	3.09	2.75	.76	1-1/4	1-1/2

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



Coll-O-Crimp

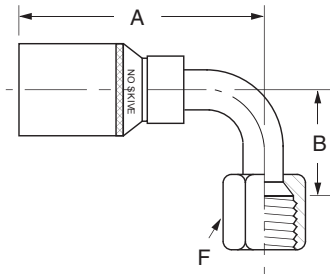
430 'U' Series

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

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

JIC 37° Female Swivel 90° Tube Elbow

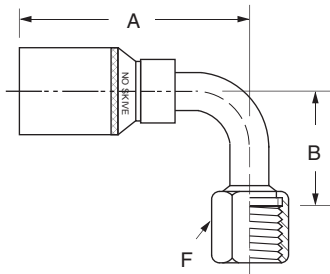
(Refer to Footnotes)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
3/8	3/8	43006U-666	9/16-18	2.26	1.50	1.42	.24	11/16
3/8	3/8	43006U-646	9/16-18	2.26	2.73	1.42	.24	11/16
3/8	1/2	43006U-668	3/4-16	2.55	1.87	1.71	.26	7/8
1/2	1/2	43008U-648L36 ^a	3/4-16	4.04	3.60	2.13	.34	7/8
1/2	1/2	43008U-648L45 ^a	3/4-16	4.04	4.50	2.13	.34	7/8
1/2	1/2	43008U-668 ^a	3/4-16	3.85	1.09	1.94	.34	7/8
1/2	5/8	43008U-650 ^a	7/8-14	4.14	2.57	2.25	.34	1
1/2	5/8	43008U-670 ^a	7/8-14	4.11	1.23	2.19	.34	1
5/8	5/8	43010U-670	7/8-14	2.94	1.52	1.91	.45	1
5/8	3/4	43010U-672	1-1/16-12	3.20	2.35	2.18	.50	1-1/4
3/4	3/4	43012U-652	1-1/16-12	4.65	3.62	2.63	.56	1-1/4
3/4	3/4	43012U-672	1-1/16-12	4.65	2.50	2.63	.56	1-1/4
1	1	43016U-656L33	1-5/16-12	5.00	3.37	3.00	.76	1-1/2
1	1	43016U-656L56	1-5/16-12	5.00	5.62	3.00	.76	1-1/2
1	1	43016U-676	1-5/16-12	5.27	3.00	3.25	.76	1-1/2
1	1	43016U-676L22	1-5/16-12	4.83	2.22	2.81	.76	1-1/2
1-1/4	1-1/4	43020U-677 +	1-5/8-12	5.21	3.34	2.99	1.01	2
1-1/2	1-1/2	43024U-678 +	1-7/8-12	6.11	3.95	3.62	1.19	2-1/4

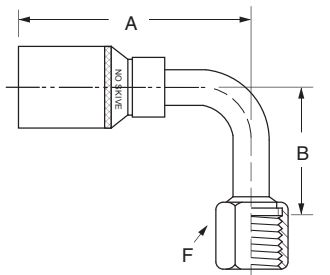
+Crimp style swivel nut.

Female FOR-SEAL Swivel 90° Short Drop Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
3/8	3/8	43006U-A26	11/16-16	2.18	.90	1.34	.26	13/16
3/8	1/2	43006U-A28	13/16-16	2.46	1.15	1.62	.26	15/16
1/2	1/2	43008U-A28	13/16-16	3.90	1.15	2.00	.34	15/16
1/2	5/8	43008U-A30	1-14	4.21	1.27	2.31	.34	1-1/8
5/8	5/8	43010U-A30	1-14	2.94	1.27	1.91	.45	1-1/8
5/8	3/4	43010U-A32	1-3/16-12	3.31	1.88	2.29	.50	1-3/8
3/4	5/8	43012U-A30	1-14	4.24	1.27	2.25	.46	1-1/8
3/4	3/4	43012U-A32	1-3/16-12	4.78	1.88	2.75	.56	1-3/8
1	1	43016U-A36	1-7/16-12	4.95	2.21	2.93	.76	1-5/8
1-1/4	1-1/4	43020U-A40	1-11/16-12	5.26	2.51	3.00	1.02	1-7/8
1-1/4	1-1/2	43020U-A44	2-12	5.26	2.55	3.00	1.01	2-1/4
1-1/2	1-1/2	43024U-A44	2-12	6.11	2.70	3.63	1.25	2-1/4

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 F
3/8	3/8	43006U-A66	11/16-16	2.18	2.13	1.34	.26	13/16
3/8	1/2	43006U-A68	13/16-16	2.55	2.50	1.71	.26	15/16
1/2	1/2	43008U-A68	13/16-16	4.32	2.51	2.44	.34	15/16
1/2	5/8	43008U-A70	1-14	4.61	2.76	2.75	.34	1-1/8
3/4	3/4	43012U-A72	1-3/16-12	4.73	3.78	2.75	.56	1-3/8
1	1	43016U-A76	1-7/16-12	5.16	4.50	3.13	.76	1-5/8
1-1/4	1-1/4	43020U-A80	1-11/16-12	5.26	5.09	3.00	1.01	1-7/8
1-1/4	1-1/2	43020U-A84	2-12	5.26	5.54	3.00	1.01	2-1/4
1-1/2	1-1/2	43024U-A84	2-12	6.11	5.54	3.63	1.25	2-1/4

APPLICATION DATA

LOW & MEDIUM PRESSURE HOSE

HIGH PRESSURE HOSE

SPECIALTY HOSE

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ADAPTERS & TUBE HOSE ENDS

HOSE ASSEMBLY EQUIPMENT

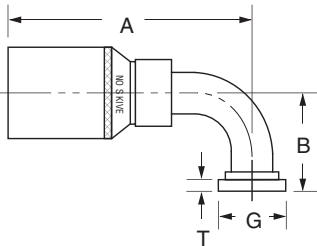
TECHNICAL DATA

Coll-O-Crimp**430 'U' 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
90° Tube Elbow**

(SAE Code 61)

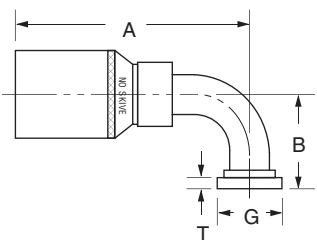


HOSE I.D.	NOMINAL FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCL'D)	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. G	T
1/2	1/2	43008U-G71	8x252	4.18	1.63	2.25	.34	1.19 (30mm)	.265
1/2	1/2	43008U-G71L32	8x252	4.04	3.20	2.13	.34	1.19 (30mm)	.265
1/2	3/4	43008U-G72	12x252	4.53	1.68	2.63	.34	1.50 (38mm)	.265
1/2	1	43008U-G76	16x252	4.63	1.68	2.75	.34	1.75 (44mm)	.315
5/8	3/4	43010U-G72	12x252	3.31	2.13	2.29	.50	1.50 (38mm)	.265
3/4	3/4	43012U-G72	12x252	4.65	2.12	2.63	.56	1.50 (38mm)	.265
3/4	3/4	43012U-G72L37	12x252	4.65	3.75	2.63	.56	1.50 (38mm)	.265
3/4	3/4	43012U-G72L50	12x252	4.74	5.00	2.75	.56	1.50 (38mm)	.265
3/4	1	43012U-G76	16x252	4.65	2.12	2.63	.56	1.75 (44mm)	.315
3/4	1	43012U-G76L31	16x252	4.65	3.12	2.63	.56	1.75 (44mm)	.315
3/4	1-1/4	43012U-G80	20x252	5.65	2.12	3.63	.56	2.00 (51mm)	.315
1	1	43016U-G76	16x252	5.25	2.38	3.23	.76	1.75 (44mm)	.315
1	1	43016U-G76L21	16x252	5.06	2.12	3.06	.76	1.75 (44mm)	.315
1	1	43016U-G76L46	16x252	5.15	4.62	3.13	.76	1.75 (44mm)	.315
1	1-1/4	43016U-G80	20x252	5.21	2.38	2.94	.76	2.00 (51mm)	.315
1	1-1/4	43016U-G80L46	20x252	5.12	4.62	3.13	.76	2.00 (51mm)	.315
1	1-1/2	43016U-G84	24x252	5.15	2.44	3.13	.76	2.38 (60mm)	.315
1-1/4	1-1/4	43020U-G80	20x252	5.32	2.63	3.05	1.01	2.00 (51mm)	.315
1-1/4	1-1/4	43020U-G80L31	20x252	5.32	3.00	3.05	1.02	2.00 (51mm)	.315
1-1/4	1-1/4	43020U-G80L40	20x252	5.26	4.00	3.00	1.02	2.00 (51mm)	.315
1-1/4	1-1/4	43020U-G80L51	20x252	5.32	5.13	3.05	1.02	2.00 (51mm)	.315
1-1/4	1-1/4	43020U-G80L66	20x252	5.26	6.62	3.00	1.02	2.00 (51mm)	.315
1-1/4	1-1/2	43020U-G84	24x252	5.37	2.63	3.05	1.01	2.38 (60mm)	.315
1-1/4	1-1/2	43020U-G84L46	24x252	5.26	4.68	3.00	1.02	2.38 (60mm)	.315
1-1/2	1-1/2	43024U-G84	24x252	6.03	3.12	3.73	1.25	2.38 (60mm)	.315
1-1/2	1-1/2	43024U-G84L58	24x252	6.11	5.80	3.63	1.21	2.38 (60mm)	.315
1-1/2	1-1/2	43024U-G84L67	24x252	6.11	6.70	3.63	1.21	2.38 (60mm)	.315
1-1/2	2	43024U-G92	32x252	6.11	3.13	3.65	1.25	2.81 (71mm)	.375
1-1/2	2	43024U-G92L45	32x252	6.11	4.50	3.63	1.21	2.81 (71mm)	.375
1-1/2	2	43024U-G92L67	32x252	6.11	6.70	3.63	1.21	2.81 (71mm)	.375
2	1-1/2	43032U-G84	24x252	6.63	3.12	3.81	1.19	2.38 (60mm)	.315
2	2	43032U-G92	32x252	7.83	4.50	4.91	1.56	2.81 (71mm)	.375
2	2	43032U-G92L65	32x252	7.95	6.50	5.13	1.56	2.81 (71mm)	.375
2	2	43032U-G92L80	32x252	7.98	8.00	5.14	1.56	2.81 (71mm)	.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 INCL'D)	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. G	T NOMINAL
1/2	1/2	43008U-D71	8x252	4.49	1.72	2.56	.34	1.25 (32mm)	.345
1/2	3/4	43008U-D72	12x252	4.53	1.90	2.63	.34	1.62 (41mm)	.345
3/4	3/4	43012U-D72	12x252	4.84	2.41	2.81	.56	1.62 (41mm)	.345
3/4	1	43012U-D76	16x252	4.84	2.70	2.81	.56	1.88 (48mm)	.375
1	1	43016U-D76	16x252	5.42	2.75	3.38	.76	1.88 (48mm)	.375
1	1-1/4	43016U-D80	20x252	5.31	2.90	3.25	.76	2.12 (54mm)	.405
1-1/4	1-1/4	43020U-D80	20x252	5.79	3.24	3.50	1.01	2.12 (54mm)	.405
1-1/4	1-1/2	43020U-D84	24x252	5.79	3.35	3.50	1.01	2.50 (64mm)	.405
1-1/2	1-1/2	43024U-D84	24x252	6.11	3.70	3.63	1.25	2.50 (64mm)	.495
1-1/2	2	43024U-D92	32x252	6.11	4.26	3.63	1.25	3.12 (79mm)	.495
2	2	43032U-D92	32x252	7.81	4.84	5.00	1.56	3.12 (79mm)	.495

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

Coll-O-Crimp

430 'U' Series

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

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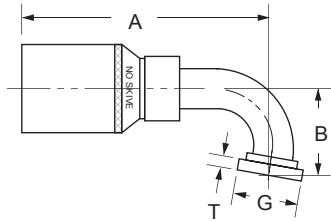
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Split Flange 100° Tube Elbow

(SAE Code 61)

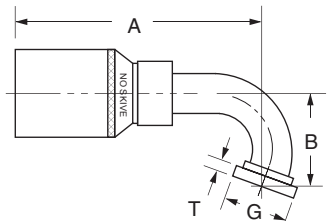


HOSE I.D.	NOMINAL FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCL'D)	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. G	T NOMINAL
3/4	3/4	43012U-H72	12x252	4.78	2.33	2.81	.61	1.50 (38mm)	.265
3/4	1	43012U-H73	16x252	4.94	2.33	2.81	.61	1.75 (44mm)	.315

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

Split Flange 110° Tube Elbow

(SAE Code 61)

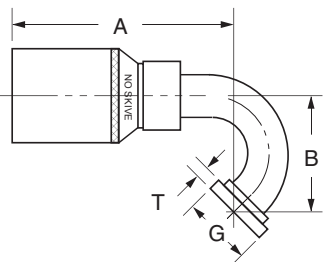


HOSE I.D.	NOMINAL FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCL'D)	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. G	T NOMINAL
1	1	43016U-H83	16x252	4.48	2.84	2.46	.76	1.75 (44mm)	.315
1-1/4	1-1/4	43020U-H84	20x252	4.82	3.12	2.56	1.01	2.00 (51mm)	.315
1-1/4	1-1/2	43020U-H85	24x252	5.24	3.17	2.94	1.01	2.38 (60mm)	.315
1-1/2	1-1/2	43024U-H85	24x252	5.49	3.69	3.00	1.25	2.38 (60mm)	.315
2	2	43032U-H86	32x252	7.26	5.65	4.44	1.56	2.81 (71mm)	.375

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

Split Flange 135° Tube Elbow

(SAE Code 61)



HOSE I.D.	NOMINAL FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCL'D)	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. G	T NOMINAL
1/2	1/2	43008U-H91	8x252	4.06	2.12	2.19	.34	1.19 (30mm)	.265
3/4	3/4	43012U-H92	12x252	4.04	3.00	2.06	.61	1.50 (38mm)	.265

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

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Field Attachable

009 'B' Series


Hose End 009 'B' Series

Note:

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

Ordering Information:

Order individually by catalog number.

 Refer to important safety information on page 4.

Typical Application: Low pressure air, lube and oil lines.

Compatible Hose: H009

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

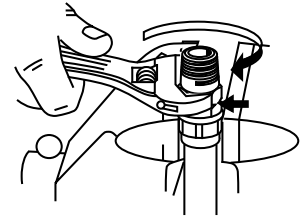
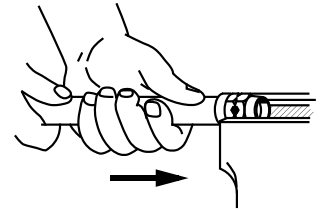
Material: CA360 brass

Advantages: Reusable and easy to assemble. An excellent fitting where low pressure applications exist and a clamp may get in the way. Good selection of configurations at a reasonable cost.

Assembly Instructions:

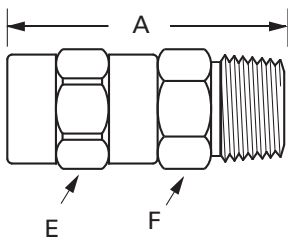
1. Lubricate insert threads and I.D. of hose.
2. Push hose into socket until it bottoms.
3. Screw insert into socket until insert hex touches socket. When assembling swivel ends, leave 1/32" clearance between swivel nut and socket.

Label Set: FS-400



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

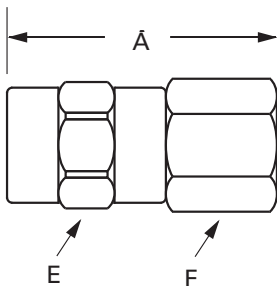
Male Pipe Rigid



HOSE I.D	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/8	00904B-102	1/8-27	1.20	.75	.172	5/8	7/16
1/4	1/4	00904B-104	1/4-18	1.39	.94	.172	5/8	9/16

JIC 37° Female Swivel

(Exceptions noted)

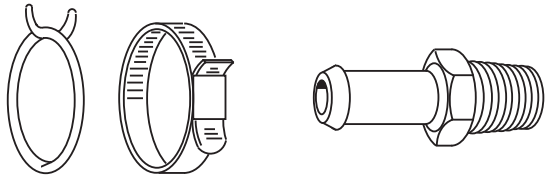


HOSE I.D	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	00904B-604 ^a	7/16-20	1.31	.81	.172	5/8	9/16

Field Attachable

057 'B' Series

Hose End 057 'B' Series



⚠ WARNING

Hose can be cut or damaged if over-tightened.

Ordering Information:

Order individually by catalog number.

⚠ Refer to important safety information on page 4.

Assembly Instructions:

1. Slide clamp over hose.
2. Insert barbed end of fitting into hose.
3. Locate band clamp in the middle of 057 'B' Series inserts and tighten.
4. Position wire clamp behind bump on 057 'B' Series insert with H057 hose only.

Typical Application: Low pressure air, fuel and oil applications. Generally used for automotive, light truck, and small engine fuel lines.

Compatible Hose: H057, H0105*, H0106*, H115*, H116* hose

*H105, H106, H115 and H116 for air applications only.

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

Material: CA360 brass.

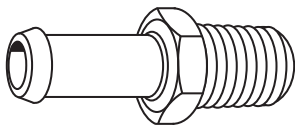
Advantages:

Easy to assemble – just push the fitting into the hose and clamp. Good selection of configurations at reasonable cost.

Note:

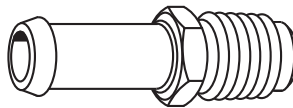
Refer to current price list for availability of

Male Pipe Rigid



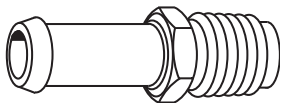
HOSE I.D	PIPE SIZE	CATALOG NUMBER
3/16	1/8	05703B-102
1/4	1/8	05704B-102
1/4	1/4	05704B-104
5/16	1/8	05705B-102
5/16	1/4	05705B-104
3/8	1/8	05706B-102
3/8	1/4	05706B-104
3/8	3/8	05706B-106
5/8	3/8	05710B-106
5/8	1/2	05710B-108
3/4	1/2	05712B-108

SAE 45° Flare Connector



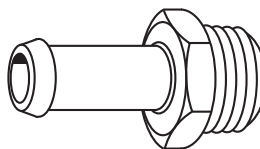
HOSE I.D	TUBE SIZE	CATALOG NUMBER
3/8	5/16	05706B-305

Inverted Male Connector



HOSE I.D	TUBE SIZE	CATALOG NUMBER
5/16	1/4	05705B-1598
5/16	5/16	05705B-1560
5/16	3/8	05705B-1561
3/8	5/16	05706B-1568
3/8	3/8	05706B-1570

Male Straight Thread Connector



HOSE I.D	THREAD SIZE	CATALOG NUMBER
3/8	9/16-24	05706B-1412
3/8	7/8-20	05706B-1413
3/8	5/8-20	05706B-1569

(Gasket included.)

Field Attachable

057 'B' Series

APPLICATION DATA

LOW & MEDIUM PRESSURE HOSE

HIGH PRESSURE HOSE

SPECIALTY HOSE

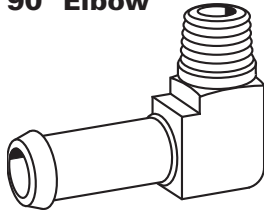
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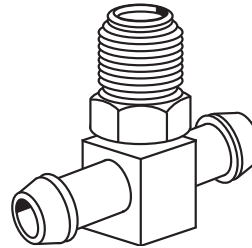
TECHNICAL DATA

Male Pipe Rigid 90° Elbow



HOSE I.D.	PIPE SIZE	CATALOG NUMBER
1/4	1/8	05704B-C02
5/16	1/8	05705B-C02
5/16	1/4	05705B-C04
3/8	1/8	05706B-C02
3/8	1/4	05706B-C04
3/8	3/8	05706B-C06
5/8	3/8	05710B-C06

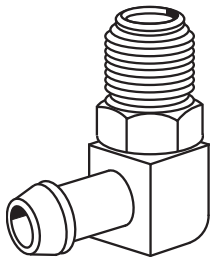
Inverted Male Tee Swivel



HOSE I.D.	TUBE SIZE	CATALOG NUMBER
3/8	5/16	05706B-1414#
3/8	3/8	05706B-1415#

(#Chrome plated.)

Inverted Male Swivel 90° Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER
1/4	1/4	05704B-B64
1/4	5/16	05704B-B65
5/16	5/16	05705B-B65
3/8	5/16	05706B-B65
3/8	3/8	05706B-B66
3/8	5/16	05706B-1416#
3/8	3/8	05706B-1417#

(#Chrome plated.)

Wire Hose Clamp

(For H057 Hose Only)



HOSE I.D.	CATALOG NUMBER
3/16, 1/4	1538
5/16	1539
3/8	1540

Coll-O-Crimp

Field Attachable 100 'B' Series Barb-Tite™

Hose End 100 'B' Series

⚠ CAUTION

Sealing integrity may be damaged by the use of clamps.

Ordering Information:

Order individually by catalog number.

⚠ Refer to important safety information on page 4.

Typical Application: Low pressure shop or service air lines. Often used for low pressure lube and oil lines.

Compatible Hose: H100, H101, H201, H332

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

Material: CA360 brass

Advantages: Easy to assemble – just push the fitting into the hose. No clamps needed! Low cost and a wide selection of configurations and sizes.

Assembly Instructions:

1. Lubricate insert.
2. Hold hose at angle as shown and push on and up over first barb.
3. Continue to push straight on until hose is seated under protective plastic cap. (Keep hand back from hose end area so that hose can expand.)

Disassembly Instructions:

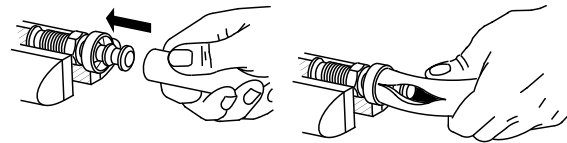
1. Split hose as shown. Do not cut completely through hose. Sealing edge of barb could be damaged.
2. Bend hose and remove with quick pull.

Note:

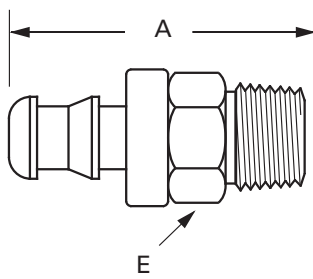
Refer to current price list for availability of cataloged items. Configurations and dimensions subject to change without notice.

Assembly Equipment: See pages 425-426 for optional Assembly Tools.

Label Set: FS-500

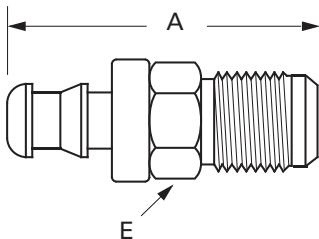


Male Pipe Rigid



HOSE I.D	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
1/4	1/8	10004B-102	1/8-27	1.29	.65	.172	7/16
1/4	1/4	10004B-104	1/4-18	1.52	.88	.172	9/16
5/16	1/8	10005B-102	1/8-27	1.36	.69	.234	1/2
5/16	1/4	10005B-104	1/4-18	1.57	.87	.234	9/16
3/8	1/8	10006B-102	1/8-27	1.46	.69	.297	1/2
3/8	1/4	10006B-104	1/4-18	1.65	.88	.297	9/16
3/8	3/8	10006B-106	3/8-18	1.65	.88	.297	11/16
1/2	3/8	10008B-106	3/8-18	1.85	.94	.391	11/16
1/2	1/2	10008B-108	1/2-14	2.10	1.19	.391	7/8
5/8	1/2	10010B-108	1/2-14	2.60	1.19	.484	7/8
3/4	3/4	10012B-112	3/4-14	2.66	1.25	.609	1-1/16

SAE 45° Flare Male Rigid



HOSE I.D	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
1/4	1/4	10004B-304	7/16-20	1.45	.81	.172	7/16
1/4	5/16	10004B-305	1/2-20	1.54	.94	.172	1/2
5/16	5/16	10005B-305	1/2-20	1.60	.94	.220	1/2
3/8	3/8	10006B-306	5/8-18	1.73	1.00	.297	5/8

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

Note:

Drawings may differ from actual parts.

Coll-O-Crimp

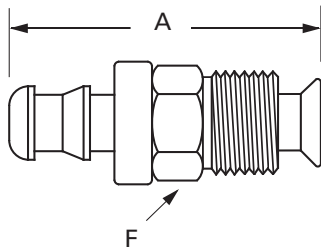
Field Attachable 100 'B' Series Barb-Tite

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

Note:

Drawings may differ from actual parts..

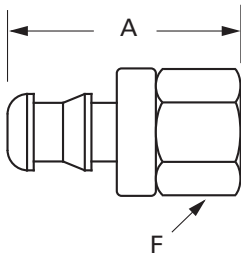
Inverted Male Swivel



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
1/4	3/16	10004B-B03	3/8-24	1.39	1.13	.109	3/8
1/4	1/4	10004B-B04	7/16-24	1.42	1.13	.172	7/16
1/4	5/16	10004B-B05	1/2-20	1.52	1.19	.188	1/2
5/16	1/4	10005B-B04	7/16-24	1.81	1.11	.184	7/16
5/16	5/16	10005B-B05	1/2-20	1.60	.80	.234	1/2
5/16	3/8	10005B-B06	5/8-18	1.60	1.19	.234	5/8
3/8	5/16	10006B-B05	1/2-20	1.64	1.19	.234	1/2
3/8	3/8	10006B-B06	5/8-18	1.70	.97	.297	5/8
1/2	1/2	10008B-B08	3/4-18	2.24	1.25	.391	3/4

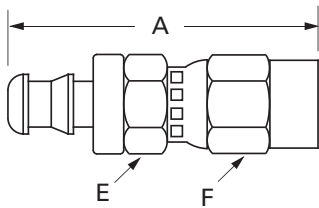
(Steel nut)

Female Inverted Rigid



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
1/4	3/16	10004B-A03	3/8-24	1.12	.48	.172	1/2
1/4	1/4	10004B-A04	7/16-24	1.14	.50	.172	9/16
1/4	5/16	10004B-A05	1/2-20	1.18	.56	.172	5/8
5/16	5/16	10005B-A05	1/2-20	1.25	.56	.220	5/8
3/8	5/16	10006B-A05	1/2-20	1.32	.55	.297	5/8
3/8	3/8	10006B-A06	5/8-18	1.35	.63	.297	3/4
1/2	1/2	10008B-A08	3/4-18	1.73	.75	.391	7/8

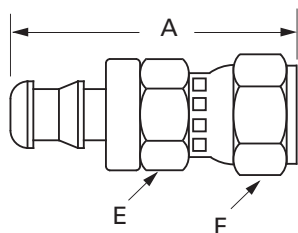
Female Pipe Swivel



HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E	HEX F
1/4	1/4	10004B-254	1/4-18	2.42	1.81	.172	3/4	5/8
3/8	3/8	10006B-256	3/8-18	2.77	2.00	.297	7/8	11/16
1/2	1/2	10008B-258	1/2-14	3.29	2.38	.391	1-1/8	7/8

JIC 37° Female Swivel

(Refer to Footnotes)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
1/4	1/4	10004B-604 ^a	7/16-20	1.38	.74	.172	9/16
1/4	5/16	10004B-605 ^a	1/2-20	1.42	.81	.172	5/8
5/16	5/16	10005B-605 ^a	1/2-20	1.54	.83	.234	11/16
3/8	5/16	10006B-605 ^a	1/2-20	1.60	.88	.297	11/16
3/8	3/8	10006B-606	9/16-18	1.66	.88	.297	11/16
1/2	1/2	10008B-608 ^a	3/4-16	2.06	1.06	.391	7/8
5/8	5/8	10010B-610 ^a	7/8-14	2.67	1.19	.484	1
3/4	5/8	10012B-610 ^a	7/8-14	2.69	1.25	.511	1
3/4	3/4	10012B-612	1-1/16-12	2.69	1.19	.609	1-1/4

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

Coll-O-Crimp

Field Attachable 100 'B' Series Barb-Tite

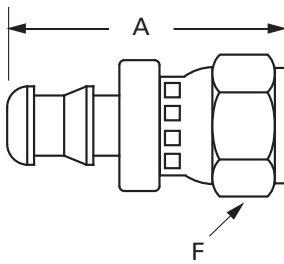
†To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

Note:

Drawings may differ from actual parts.

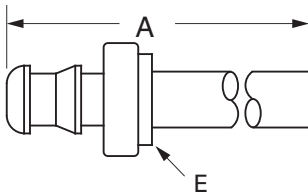
APPLICATION
DATA

SAE 45° Flare Female Swivel



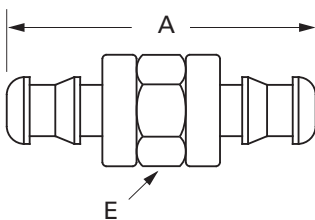
HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX F
3/8	3/8	10006B-406	5/8-18	1.73	.88	.297	3/4
3/4	3/4	10012B-412	1-1/16-14	2.66	1.25	.609	1-1/4

Straight Tube Rigid



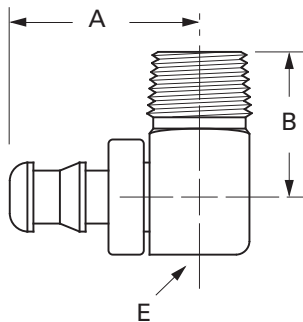
HOSE I.D.	TUBE SIZE	CATALOG NUMBER	TUBE DIA.	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	DIA. E
1/4	3/16	10004B-X03	.188	1.77	1.13	.172	13/32
1/4	1/4	10004B-X04	.250	1.83	1.19	.172	13/32
1/4	5/16	10004B-X05	.312	1.85	1.25	.172	13/32
5/16	5/16	10005B-X05	.312	1.91	1.25	.228	7/16
3/8	3/8	10006B-X06	.375	2.04	1.27	.297	1/2

Hose Mender



HOSE I.D.	CATALOG NUMBER	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX E
1/4	10004B-Y04	1.76	.50	.172	1/2
5/16	10005B-Y05	1.85	.44	.234	9/16
3/8	10006B-Y06	1.97	.44	.297	5/8
1/2	10008B-Y08	2.33	.50	.391	3/4

Male Pipe Rigid 90° Elbow



HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	SQUARE E
5/16	1/8	10005B-C02	1/8-27	1.02	.94	.31	.228	1/2
5/16	1/4	10005B-C04	1/4-18	1.09	.94	.38	.228	9/16
3/8	1/8	10006B-C02	1/8-27	1.08	.94	.38	.297	1/2
3/8	1/4	10006B-C04	1/4-18	1.15	.94	.38	.297	9/16

LOW & MEDIUM
PRESSURE HOSE

HIGH PRESSURE HOSE

SPECIALTY HOSE

ACCESSORIES &
ASM'LY INSTRUCTIONS

ADAPTERS & TUBE
HOSE ENDS

HOSE ASSEMBLY
EQUIPMENT

TECHNICAL DATA

Coll-O-Crimp

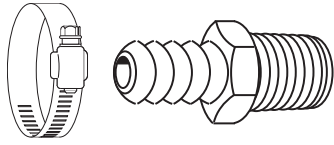
Field Attachable 105 'B' Series

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

Note:

Drawings may differ from actual parts.

Hose End 105 'B' Series



⚠ WARNING

Hose can be damaged if over-tightened.

Ordering Information:

Order individually by catalog number.

⚠ Refer to important safety information on page 4.

Typical Application: Low pressure shop or service air lines.

Compatible Hose: H0105; H0106; H115; H116.

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

Material: CA360 brass

Advantages: Easy to assemble – just push the fitting into the hose and clamp. Low cost and a good selection of sizes.

Assembly Instructions:

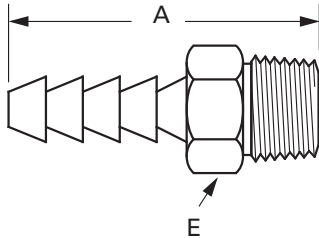
1. Slide clamp over hose.
2. Insert barbed end of fitting into hose.
3. Locate clamp in middle of insert and tighten. Use 6203/6204 Series clamps only. See page 105.

Note:

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

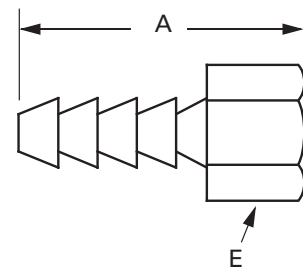
Label Set: FS-500

Male Pipe (PTF Short)



HOSE I.D	PIPE SIZE	CATALOG NUMBER	A	HEX F	NUMBER OF BARBS
1/8	1/8	10502B-102	1.00	7/16	4
3/16	1/8	10503B-102	1.16	7/16	3
3/16	1/4	10503B-104	1.43	9/16	3
1/4	1/8	10504B-102	1.54	7/16	4
1/4	1/4	10504B-104	1.61	9/16	4
1/4	3/8	10504B-106	1.72	11/16	4
5/16	1/8	10505B-102	1.60	7/16	4
5/16	1/4	10505B-104	1.77	9/16	4
3/8	1/8	10506B-102	1.53	7/16	4
3/8	1/4	10506B-104	1.70	9/16	4
3/8	3/8	10506B-106	1.72	11/16	4
3/8	1/2	10506B-108	1.95	7/8	4
1/2	1/4	10508B-104	1.71	9/16	4
1/2	3/8	10508B-106	1.72	11/16	4
1/2	1/2	10508B-108	1.94	7/8	4
1/2	3/4	10508B-112	1.95	1-1/8	4
5/8	3/8	10510B-106	1.72	3/4	4
5/8	1/2	10510B-108	1.95	7/8	4
5/8	3/4	10510B-112	1.91	1-1/8	4
3/4	1/2	10512B-108	1.86	7/8	4
3/4	3/4	10512B-112	1.92	1-1/8	4

Female Pipe (NPTF)



HOSE I.D	PIPE SIZE	CATALOG NUMBER	A	HEX F	NUMBER OF BARBS
1/8	1/8	10502B-202	.97	9/16	4
3/16	1/8	10503B-202	1.19	9/16	3
1/4	1/8	10504B-202	1.47	9/16	4
1/4	1/4	10504B-204	1.58	11/16	4
5/16	1/8	10505B-202	1.47	9/16	4
5/16	1/4	10505B-204	1.58	11/16	4
3/8	1/8	10506B-202	1.47	9/16	4
3/8	1/4	10506B-204	1.58	11/16	4
3/8	3/8	10506B-206	1.64	13/16	4
1/2	1/4	10508B-204	1.58	11/16	4
1/2	3/8	10508B-206	1.64	13/16	4
1/2	1/2	10508B-208	1.86	1	4

Field Attachable

338 'B' 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 338 'B' Series

(Parts are stamped with DOT)

Ordering Information:

Order individually by catalog number. Complete air brake hose assemblies can be found in the Ready-Made Hose Assemblies section of this catalog. Refer to pages 90-96.

 Refer to important safety information on page 4.

Typical Application: Air brake hose lines.

Compatible Hose: H338

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

Material: CA360 brass

Advantages: Can be used for nearly any air brake line. Easy to assemble with a good selection of hose end configurations. Brass material offers excellent resistance against corrosion.

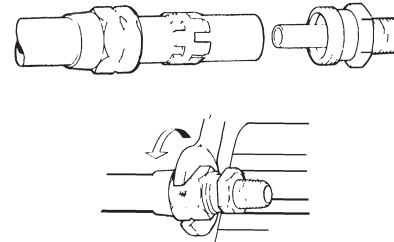
Note:

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

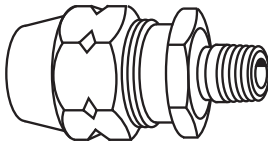
Assembly Instructions:

1. Slide nut and sleeve onto hose. Make sure bevel edge of sleeve faces out toward fitting.
2. Push hose into fitting until it bottoms.
3. Screw nut until contact is made with body hex.

Label Set: FS-800

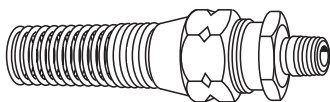


Male Connector



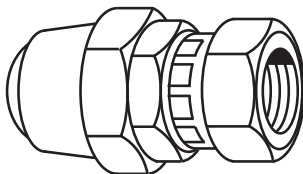
HOSE I.D	PIPE SIZE	CATALOG NUMBER	OVERALL LENGTH	HOSE CUT-OFF FACTOR†
3/8	1/4	33806B-Y24	2.26	.69
3/8	3/8	33806B-Y26	2.35	.81
3/8	1/2	33806B-Y28	2.45	.94
1/2	3/8	33808B-Y26	2.24	.75
1/2	1/2	33808B-Y28	2.40	.94

Male Connector with Spring Guard



HO SE I.D	PIPE SIZE	CATALOG NUMBER	OVERALL LENGTH	HOSE CUT-OFF FACTOR†
3/8	1/4	33806B-Y34	4.72	.75
3/8	3/8	33806B-Y36	4.78	.81
3/8	1/2	33806B-Y38	4.88	.94
1/2	3/8	33808B-Y36	5.12	.75
1/2	1/2	33808B-Y38	4.88	.94

Female Connector



HOSE I.D	ABS THREAD SIZE	CATALOG NUMBER	OVERALL LENGTH	HOSE CUT-OFF FACTOR†
3/8	3/4-20	33806B-Y76	2.40	.88
1/2	7/8-20	33808B-Y78	2.37	.88

(Steel Nut)

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

Field Attachable

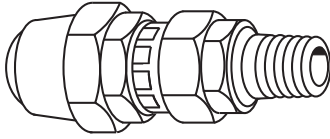
338 'B' Series

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

Female Connector with Adapter

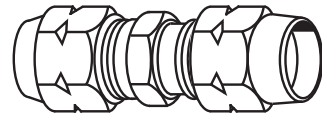
HOSE I.D.	PIPE SIZE	CATALOG NUMBER	ABS THREAD SIZE	OVERALL LENGTH	HOSE CUT-OFF FACTOR†
3/8	1/4	33806B-Y84	3/4-20	3.33	1.81
3/8	3/8	33806B-Y86	3/4-20	3.33	1.75
1/2	3/8	33808B-Y86	7/8-20	3.30	1.75

(Steel Nut)



Hose Mender

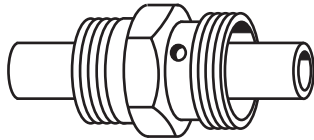
HOSE I.D.	CATALOG NUMBER	OVERALL LENGTH
3/8	33806B-Y06	3.28
1/2	33808B-Y08	3.25



Hose Mender

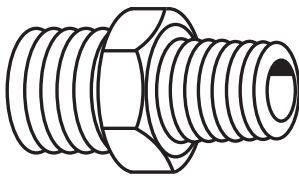
(Body Only)

HOSE I.D.	CATALOG NUMBER	OVERALL LENGTH
3/8	33806-E	2.55



Adapter

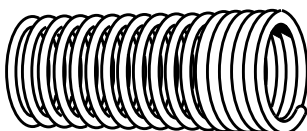
ABS THREAD SIZE	PIPE SIZE	CATALOG NUMBER	OVERALL LENGTH	ABS THREAD SIZE
3/8	1/4	1390x6	1.18	3/4-20
3/8	3/8	1390x6x6	1.18	3/4-20
3/8	1/2	1390x6x8	1.37	3/4-20
1/2	3/8	1390x8	1.18	7/8-20
1/2	1/2	1390x8x8	1.37	7/8-20



Spring Guard

HOSE I.D.	CATALOG NUMBER
3/8	33806-C
1/2	33808-C

(Steel Nut)



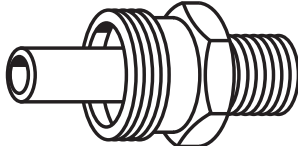
Field Attachable

338 'B' Series

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

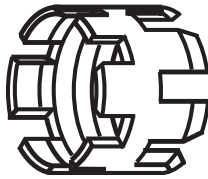
Insert

(Body Only)



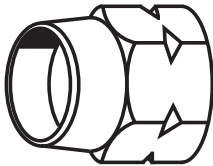
HOSE I.D.	PIPE SIZE	CATALOG NUMBER	HOLE DIA.
3/8	1/4	1391x6	.281
3/8	3/8	1391x6x6	.281
3/8	1/2	1391x6x8	.281
1/2	3/8	1391x8	.390
1/2	1/2	1391x8x8	.390

Sleeve



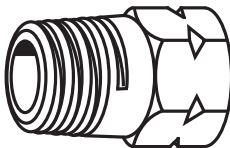
HOSE I.D.	CATALOG NUMBER
3/8	33806-A
1/2	33808-A

Nut



HOSE I.D.	CATALOG NUMBER
3/8	33806-B
1/2	33808-B

Nut For Spring Guard



HOSE I.D.	CATALOG NUMBER
3/8	33806-D
1/2	33808-D

APPLICATION DATA

LOW & MEDIUM PRESSURE HOSE

HIGH PRESSURE HOSE

SPECIALTY HOSE

ACCESSORIES & ASSEMBLY INSTRUCTIONS

ADAPTERS & TUBE HOSE ENDS

HOSE ASSEMBLY EQUIPMENT

TECHNICAL DATA


Field Attachable

069 'D' Series

Hose End 069 'D' Series

Ordering Information:

Order individually by catalog number. For mandrel, see page 425.

 Refer to important safety information on page 4.

Typical Application:

Medium pressure and high temperature hose lines for a variety of applications including truck, industrial, and small engine where temperature may be a problem.

Compatible Hose: H069, H166, H169, H229, H366.

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

Material: AISI/SAE 12L14 carbon steel

Plating: Zinc; yellow dichromate finish

Advantages: Very popular in heavy-duty truck markets. Can be used with a variety of hoses allowing for a diverse number of applications.

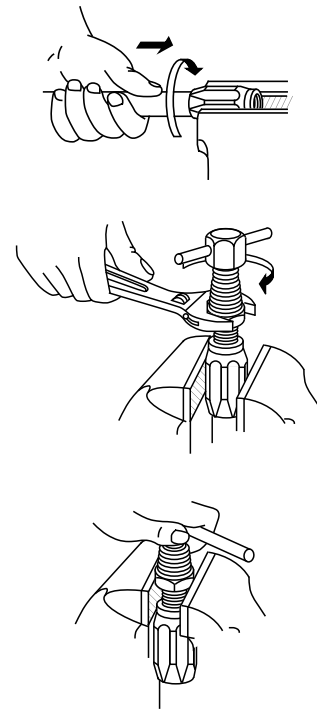
Assembly Instructions:

1. Lubricate mandrel, insert threads and I.D. of hose.
2. Screw hose into socket (left-hand thread) until hose bottoms. Back out 1/4 turn.
3. Place insert on mandrel. Screw insert into socket. When assembling swivel ends, leave 1/32" clearance between swivel nut and socket.

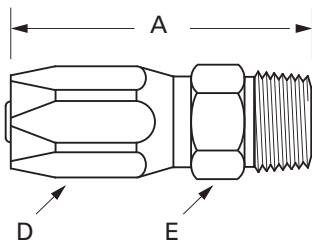
Note:

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

Label Set: FS-600



Male Pipe Rigid



HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX E
3/16	1/8	06904D-102	1/8-27	1.72	1.00	.17	5/8	7/16
3/16	1/4	06904D-104	1/4-18	1.90	1.19	.17	5/8	9/16
1/4	1/4	06905D-104	1/4-18	1.96	1.18	.25	11/16	9/16
5/16	1/4	06906D-104	1/4-18	2.10	1.25	.30	13/16	5/8
13/32	3/8	06908D-106	3/8-18	2.48	1.38	.39	15/16	11/16
13/32	1/2	06908D-108	1/2-14	2.73	1.58	.39	15/16	7/8
1/2	1/2	06910D-108	1/2-14	2.88	1.59	.48	1-1/8	7/8
5/8	3/4	06912D-112	3/4-14	3.24	1.67	.61	1-1/4	1-1/16
7/8	3/4	06916D-112	3/4-14	2.80	1.53	.72	1-7/16	1-1/8
7/8	1	06916D-116	1-11-1/2	3.00	1.81	.81	1-7/16	1-3/8
1-1/8	1-1/4	06920D-120	1-1/4-11-1/2	3.18	1.88	1.05	1-3/4	1-11/16
1-3/8	1-1/2	06924D-124	1-1/2-11-1/2	3.48	2.03	1.28	1-15/16	2
1-13/16	2	06932D-132	2-11-1/2	4.06	2.21	1.75	2-1/2	2-1/2
2-3/8	2-1/2	06940T-140*	2-1/2-8	5.03	3.13	2.20	3-1/8	3

*Brass construction.

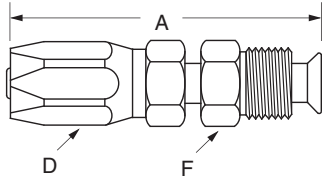
Field Attachable

069 'D' 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.

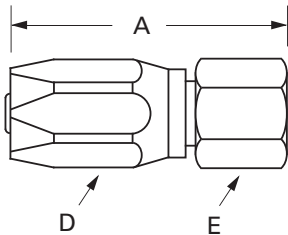
Inverted Male Swivel Straight



HOSE I.D	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
3/16	1/4	06904D-B04	7/16-24	2.10	1.38	.17	5/8	7/16
1/4	5/16	06905D-B05	1/2-20	2.40	1.69	.23	11/16	1/2
5/16	3/8	06906D-B06	5/8-18	2.71	1.81	.30	13/16	5/8

JIC 37° Female Swivel

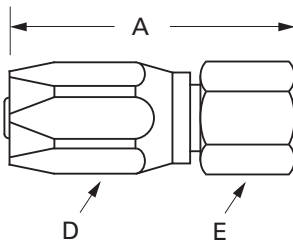
(Exceptions Noted for 45° Flare) (Refer to Footnotes)



HOSE I.D	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX E
3/16	1/4	06904D-604 ^a	7/16-20	1.74	1.06	.17	5/8	9/16
1/4	5/16	06905D-605 ^a	1/2-20	1.90	1.19	.24	11/16	5/8
5/16	3/8	06906D-606	9/16-18	2.05	1.15	.30	13/16	11/16
13/32	1/2	06908D-608 ^a	3/4-16	2.52	1.38	.39	15/16	7/8
1/2	5/8	06910D-610 ^a	7/8-14	2.79	1.56	.49	1-1/8	1
5/8	3/4	06912D-612	1-1/16-12	3.15	1.63	.61	1-1/4	1-1/4
7/8	1	06916D-616	1-5/16-12	2.81	1.63	.82	1-7/16	1-1/2
1-1/8	1-1/4	06920D-620	1-5/8-12	3.00	1.64	1.05	1-3/4	2
1-3/8	1-1/2	06924D-624	1-7/8-12	3.28	1.88	1.28	1-15/16	2-1/4
1-13/16	2	06932D-632	2-1/2-12	4.02	2.18	1.75	2-1/2	2-7/8
2-3/8	2-1/2	06940T-640*	3-12	4.16	2.25	2.22	3-1/8	3-3/8

*Brass construction.

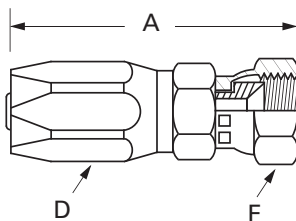
SAE 45° Female Swivel



HOSE I.D	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX E
5/16	3/8	06906D-406	5/8-18	2.05	1.19	.29	13/16	3/4
5/8	3/4	06912D-412	1-1/16-14	3.02	1.44	.61	1-1/4	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 D	HEX F
7/8	1	06916D-X26	1-5/16-14	3.20	1.94	.81	1-7/16	1-1/2

(See page 299 for PTT Thread Adapter.)

APPLICATION DATA

LOW & MEDIUM PRESSURE HOSE

HIGH PRESSURE HOSE

SPECIALTY HOSE

ACCESSORIES & ASSEMBLY INSTRUCTIONS

ADAPTERS & TUBE HOSE ENDS

HOSE ASSEMBLY EQUIPMENT

TECHNICAL DATA

Field Attachable


'K' 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 'K' Series

Ordering Information:

Order as a complete kit or order individual components by catalog number.

 Refer to important safety information on page 4.

Typical Application: Low pressure hydraulic applications and suction lines.

Compatible Hose:
H039, H039H

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

Material: 12L14 carbon steel insert; malleable iron clamp

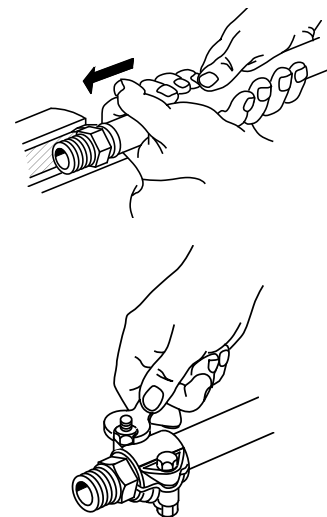
Plating: Zinc; yellow dichromate finish

Assembly Instructions:

1. Lubricate insert and hose I.D.
2. Push hose on barbed stand pipe. Be sure hose is bottomed to clamp retainer.
3. After making sure clamp shoulders will lock in recesses of insert, draw clamps together evenly.

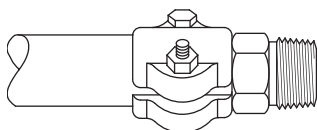
Note:

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



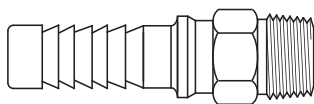
Male Pipe

Assembly Includes Insert, Clamps, Nuts and Bolts



HOSE I.D.	PIPE SIZE	CATALOG NUMBER COMPLETE ASSEMBLY	INSERT I.D.	HOSE CUT-OFF FACTOR†	INSERT ONLY	CLAMP ASS'Y. LESS INSERT	CLAMP ONLY	NUT NO.	BOLT NO.
3/4	3/4	K12N-112	.66	1.44	IKE12N-112	K12	CK12	NK12	BK12
1	1	K16N-116	.91	1.63	IKE16N-116	K16	CK16	NK16	BK16
1-1/4	1-1/4	K20N-120	1.06	1.81	IKE20N-120	K20	CK20	NK20	BK20
1-1/2	1-1/2	K24N-124	1.30	2.06	IKE24N-124	K24	CK24	NK20	BK24
2	2	K32N-132	1.75	2.19	IKE32N-132	K32	CK32	NK32	BK32

Male Connector Insert Only



HOSE I.D.	PIPE SIZE	CATALOG NUMBER	PIPE THREAD	OVERALL LENGTH	HOSE CUT-OFF FACTOR†	INSERT I.D.
3/4	3/4	IKE12N-112	3/4-14	3.03	1.44	.66
1	1	IKE16N-116	1-11-1/2	3.72	1.63	.91
1-1/4	1-1/4	IKE20N-120	1-1/4-11-1/2	4.59	1.88	1.06
1-1/2	1-1/2	IKE24N-124	1-1/2-11-1/2	4.65	2.06	1.30
2	2	IKE32N-132	2-11-1/2	5.19	2.19	1.75

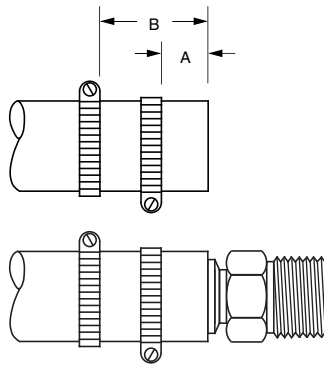
Use with H039 hose only. May be clamped with band or gear-type clamp. Used with suction hose for suction lines or return lines. For low pressure applications only.

Field Attachable

039 'K'

Hose End 039 'K' Series

(Used with H039 and H039H hose only.)



Ordering Information:

Order individually by catalog number.

Refer to important safety information on page 4.

Typical Application:

Suction and return lines; Used with suction hose for suction or return lines. For low pressure applications.

Compatible Hose:

H039, H039H

Pressure: Refer to H039 listing on page 40 when used with 039 'K' Series hose ends and 6203 Series clamps.

Material: AISI/SAE 12L14 carbon steel

Plating: Zinc; yellow dichromate finish

Assembly Instructions:

1. Cut hose to length. Be sure the cut is square and hose is clean. Trim sharp exposed wire to prevent injury.
2. Slide clamps onto hose.
3. Push fitting into hose. Be sure the hose is bottomed against the atop ring.
4. Position clamps as shown. Secure with a screwdriver or wrench.

Note:

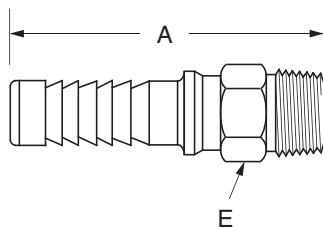
Band-It Clamps may be used in place of worm gear clamps.

Not intended for SAE 100R4 applications.

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

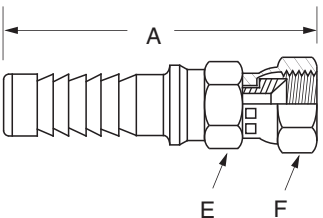
HOSE SIZE	CLAMP PART NO.	A	T B	MINIMUM
-12	6203-012	5/8	1-1/4	25 in./lbs.
-16	6203-016	5/8	1-1/4	25 in./lbs.
-20	6203-024	5/8	1-1/4	25 in./lbs.

Male Pipe Rigid



HOSE I.D	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HEX E
3/4	3/4	03912K-112	3/4-14	3.61	1.44	1-1/16
1	1	03916K-116	1-11-1/2	3.90	1.69	1-3/8
1-1/4	1-1/4	03920K-120	1-1/4-11-1/2	4.63	2.31	1-11/16

JIC 37° Female Swivel



HOSE I.D	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HEX E	HEX F
3/4	3/4	03912K-612	1-1/16-12	3.86	1.69	1	1-1/4
1	1	03916K-616	1-5/16-12	4.46	2.25	1-1/4	1-1/2
1-1/4	1-1/4	03920K-620	1-5/8-12	4.92	2.56	1-11/16	2

Field Attachable

104 'N' 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 104 'N' Series

Ordering Information: Order individually by catalog number. Order o-rings by catalog number; reference individual hose listing for details. For split flange kits, refer to pages 330-333.

Typical Application: Medium pressure hydraulic applications such as construction, farm implement and industrial equipment.

Compatible Hose: H104

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: AISI/SAE 12L14 carbon steel

Plating: Zinc; yellow dichromate finish

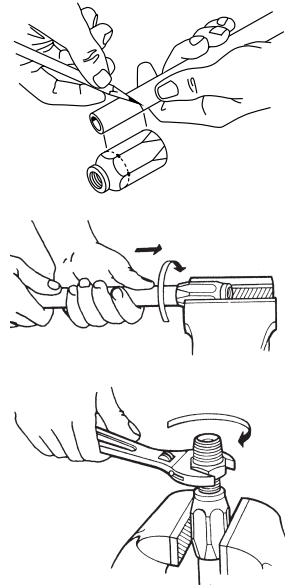
Advantages: Good selection of hose ends. Non-mandrel assembly. Wide variety of applications because of its use with H104 hose.

Assembly Instructions: Due to the high torque required to assemble larger sizes, it is recommended that 104 'N' Series hose ends be assembled with the T-300 (page 425) assembly machine.

1. Lubricate insert threads and I.D. of hose.
2. Measure from end of hose and mark the socket depth. Use notch on socket or see insertion depth chart below.
3. Screw hose into socket (left-hand thread) to the depth marked on hose.
4. Screw insert into socket until insert touches socket.

Note:

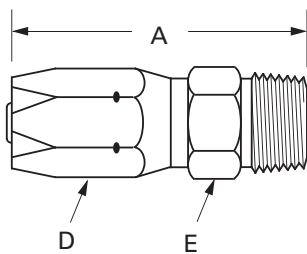
Refer to current price list for availability of cataloged items. Configurations and dimensions subject to change without notice.



Insertion Depth

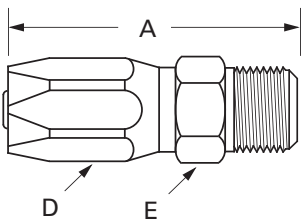
HOSE I.D.	SCREW HOSE INTO SOCKET
1/4	1"
3/8	1-5/32"
1/2	1-3/16"
3/4	1-5/16"
1	1-9/16"

Male Pipe Rigid



HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX E
1/4	1/8	10404N-102	1/8-27	2.18	1.19	.17	3/4	7/16
1/4	1/4	10404N-104	1/4-18	2.36	1.38	.17	3/4	9/16
3/8	1/4	10406N-104	1/4-18	2.50	1.31	.27	7/8	9/16
3/8	3/8	10406N-106	3/8-18	2.53	1.38	.27	7/8	11/16
1/2	3/8	10408N-106	3/8-18	2.58	1.38	.39	1	11/16
1/2	1/2	10408N-108	1/2-14	2.83	1.63	.39	1	7/8
1/2	3/4	10408N-112	3/4-14	2.86	1.69	.39	1	1-1/16
3/4	3/4	10412N-112	3/4-14	2.98	1.69	.61	1-3/8	1-1/16
1	1	10416N-116	1-11-1/2	3.59	2.00	.81	1-3/4	1-3/8

JIC 37° Male Rigid



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX E
1/4	1/4	10404N-504	7/16-20	2.35	1.38	.17	3/4	9/16
1/4	5/16	10404N-505	1/2-20	2.35	1.38	.17	3/4	9/16
1/4	3/8	10404N-506	9/16-18	2.39	1.38	.17	3/4	5/8
3/8	3/8	10406N-506	9/16-18	2.53	1.38	.27	7/8	5/8
3/8	1/2	10406N-508	3/4-16	2.69	1.50	.27	7/8	13/16
1/2	1/2	10408N-508	3/4-16	2.74	1.56	.39	1	13/16
1/2	5/8	10408N-510	7/8-14	2.87	1.69	.39	1	15/16
3/4	3/4	10412N-512	1-1/16-12	3.09	1.75	.61	1-3/8	1-1/8
1	1	10416N-516	1-5/16-12	3.56	2.00	.81	1-3/4	1-3/8

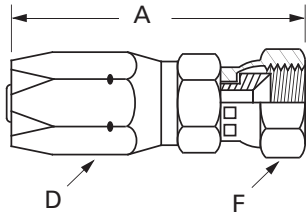
Field Attachable

104 'N' Series

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

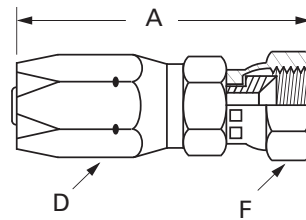
JIC 37° Female Swivel

(Exceptions Noted for 45° Flare, Refer to Footnotes)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
1/4	1/4	10404N-604 ^a	7/16-20	2.49	1.50	.17	3/4	9/16
1/4	5/16	10404N-605 ^a	1/2-20	2.59	1.56	.17	3/4	5/8
1/4	3/8	10404N-606	9/16-18	2.65	1.63	.17	3/4	11/16
3/8	3/8	10406N-606	9/16-18	2.79	1.63	.27	7/8	11/16
3/8	1/2	10406N-608 ^a	3/4-16	2.96	1.81	.27	7/8	7/8
1/2	1/2	10408N-608 ^a	3/4-16	3.01	1.81	.39	1	7/8
1/2	5/8	10408N-610 ^a	7/8-14	3.02	1.88	.39	1	1
3/4	5/8	10412N-610 ^a	7/8-14	3.14	1.88	.46	1-3/8	1
3/4	3/4	10412N-612	1-1/16-12	3.26	2.00	.61	1-3/8	1-1/4
3/4	7/8	10412N-614	1-3/16-12	3.39	2.06	.61	1-3/8	1-3/8
1	1	10416N-616	1-5/16-12	4.19	2.63	.81	1-3/4	1-1/2

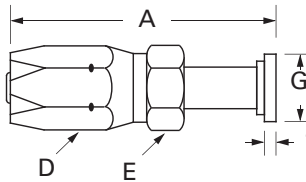
SAE 45° Female Swivel



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
3/8	3/8	10406N-406	5/8-18	2.67	1.50	.27	7/8	3/4
3/4	3/4	10412N-412	1-1/16-14	3.27	2.00	.61	1-3/8	1-1/4

Split Flange Straight

(SAE Code 61)

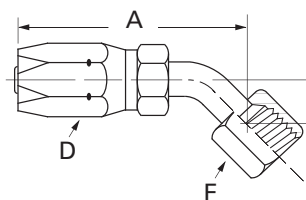


HOSE I.D.	NOM. FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCLUDED)	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX E	FLANGE DIA.	T
3/4	3/4	10412N-G12	12x252	3.79	2.44	.58	1-3/8	15/16	1.500 (38mm)	.265
1	1	10416N-G16	16x252	4.21	2.63	.76	1-3/4	1-1/4	1.750 (44mm)	.315

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

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 D	HEX F
1/4	1/4	10404N-684 ^a	7/16-20	2.90	.33	1.88	.15	3/4	9/16
3/8	3/8	10406N-686	9/16-18	3.22	.39	2.00	.24	7/8	11/16
1/2	1/2	10408N-688 ^a	3/4-16	3.61	.55	2.44	.33	1	7/8
1/2	5/8	10408N-690 ^a	7/8-14	3.67	.63	2.50	.39	1	1
3/4	3/4	10412N-692	1-1/16-12	4.20	.78	2.81	.58	1-3/8	1-1/4
1	1	10416N-696	1-5/16-12	5.42	1.10	3.88	.81	1-3/4	1-1/2

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

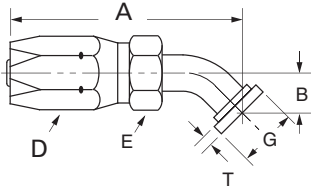
Field Attachable

104 'N' Series

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

Split Flange 45° Tube Elbow

(SAE Code 61)

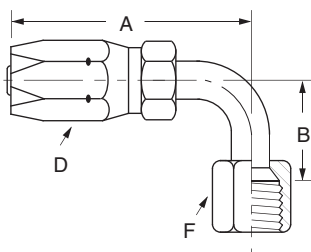


HOSE I.D.	NOM. FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCLUDED)	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX E	FLANGE DIA.	T
3/4	3/4	10412N-G42	12x252	4.43	.99	3.13	.58	1-3/8	15/16	1.500 (38mm)	.265
1	1	10416N-G46	16x252	4.99	1.06	3.44	.76	1-3/4	1-1/4	1.750 (44mm)	.315

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

JIC 37° Female Swivel 90° Tube Elbow

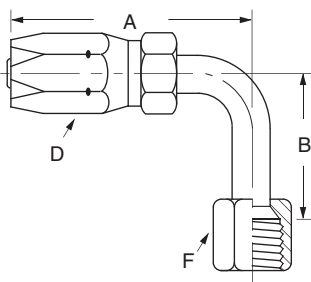
(Refer to Footnotes)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
1/4	1/4	10404N-664 ^a	7/16-20	2.80	.68	1.81	.15	3/4	9/16
3/8	3/8	10406N-666	9/16-18	3.15	.85	2.00	.24	7/8	11/16
1/2	1/2	10408N-668 ^a	3/4-16	3.44	1.09	2.25	.33	1	7/8
1/2	5/8	10408N-670 ^a	7/8-14	3.75	1.23	2.56	.39	1	1
3/4	3/4	10412N-672	1-1/16-12	4.07	1.82	2.75	.58	1-3/8	1-1/4
1	1	10416N-676	1-5/16-12	5.27	2.14	3.75	.81	1-3/4	1-1/2

JIC 37° Female Swivel Long Drop 90° Tube Elbow

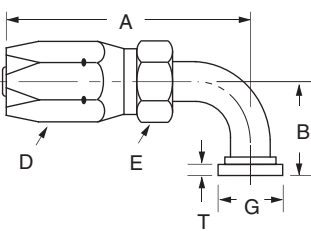
(Refer to Footnotes)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
1/4	1/4	10404N-644 ^a	7/16-20	2.83	1.80	1.81	.15	3/4	9/16
3/8	3/8	10406N-646	9/16-18	3.20	2.18	2.00	.24	7/8	11/16
1/2	1/2	10408N-648 ^a	3/4-16	3.44	2.43	2.25	.33	1	7/8
3/4	3/4	10412N-652	1-1/16-12	4.10	3.73	2.75	.58	1-3/8	1-1/4

Split Flange 90° Tube Elbow

(SAE Code 61)



HOSE I.D.	NOM. FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCL'D)	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX E	FLANGE DIA.	T
3/4	3/4	10412N-G72	12x252	4.08	2.13	2.75	.58	1-3/8	15/16	1.500 (38mm)	.265
3/4	1	10412N-G76	16x252	4.08	2.13	2.75	.83	1-3/8	15/16	1.750 (44mm)	.315
1	1	10416N-G76	16x252	4.81	2.38	3.25	.83	1-3/4	1-1/4	1.750 (44mm)	.315

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

Field Attachable

213 'N' 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

Hose End 213 'N' Series

Ordering Information:
Order individually by catalog number.

 Refer to important safety information on page 4.

Typical Application:
Medium pressure and high temperature hose lines for a variety of applications including truck, industrial, and small engines where high temperatures exist.

Compatible Hose: H213

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: AISI/SAE 12L14 carbon steel

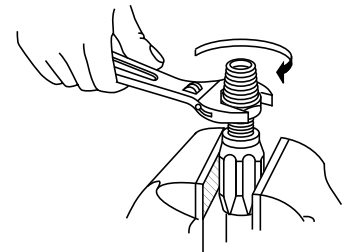
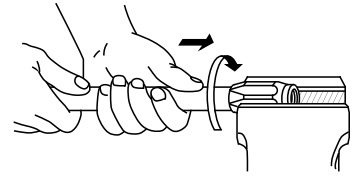
Plating: Zinc; yellow dichromate finish

Advantages: Very popular in heavy-duty truck markets. Good selection of hose ends, including brass. Non-mandrel assembly.

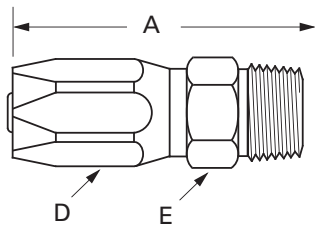
Assembly Instructions:

1. Lubricate insert threads and I.D. of hose.
2. Screw hose into socket (left-hand thread) until hose bottoms. Back out 1/4 turn.
3. Screw insert into socket until insert touches socket.

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

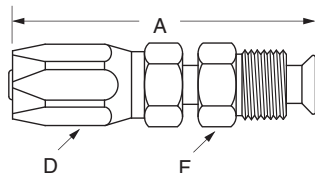


Male Pipe Rigid



HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
3/16	1/8	21304N-102	1/8-27	1.59	.94	.12	9/16	7/16
3/16	1/4	21304N-104	1/4-18	1.78	1.13	.12	9/16	9/16
1/4	1/4	21305N-104	1/4-18	1.80	1.06	.17	5/8	9/16
5/16	3/8	21306N-106	3/8-18	1.96	1.19	.23	3/4	11/16
13/32	1/2	21308N-108	1/2-14	2.36	1.44	.33	7/8	7/8
1/2	1/2	21310N-108	1/2-14	2.45	1.44	.42	1	7/8
5/8	3/4	21312N-112	3/4-14	2.56	1.50	.55	1-1/8	1-1/16
7/8	1	21316N-116	1-11-1/2	2.71	1.69	.80	1-3/8	1-3/8

Inverted Male Swivel Straight



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
3/16	1/4	21304N-B04	7/16-24	2.43	1.69	.15	9/16	7/16
1/4	5/16	21305N-B05	1/2-20	2.47	1.75	.21	5/8	1/2
5/16	1/4	21306N-B04	7/16-24	2.50	1.63	.15	3/4	7/16
5/16	5/16	21306N-B05	1/2-20	2.57	1.75	.21	3/4	1/2
5/16	3/8	21306N-B06	5/8-18	2.74	1.88	.25	3/4	5/8
13/32	1/2	21308N-B08	3/4-18	3.26	2.25	.33	7/8	3/4

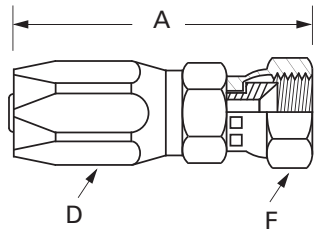
Field Attachable**213 'N' Series**

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

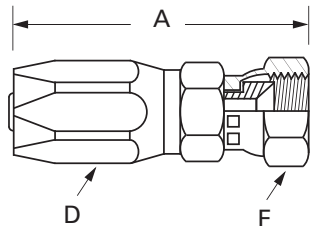
^aSwivel nuts are universal – both SAE 37° and 45° connections.

JIC 37° Female Swivel

(Exceptions Noted for 45° Flare, Refer to Footnotes)



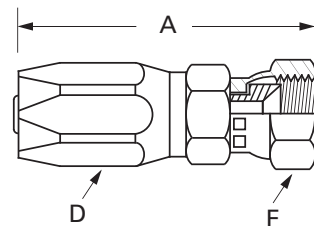
HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
3/16	1/4	21304N-604 ^a	7/16-20	1.92	1.25	.15	9/16	9/16
1/4	5/16	21305N-605 ^a	1/2-20	2.01	1.25	.20	5/8	5/8
5/16	3/8	21306N-606	9/16-18	2.20	1.38	.26	3/4	11/16
13/32	1/2	21308N-608 ^a	3/4-16	2.49	1.50	.36	7/8	7/8
1/2	5/8	21310N-610 ^a	7/8-14	2.69	1.63	.45	1	1
5/8	3/4	21312N-612	1-1/16-12	2.91	1.75	.57	1-1/8	1-1/4
7/8	1	21316N-616	1-5/16-12	2.95	1.88	.82	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 D	HEX F
5/16	3/8	21306N-406	5/8-18	2.14	1.38	.26	3/4	3/4
5/8	3/4	21312N-412	1-1/16-14	2.85	1.75	.57	1-1/8	1-1/4

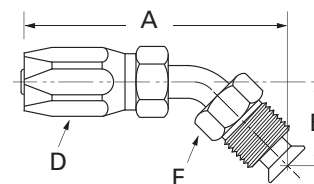
30° Flare Female Swivel

(PTT Thread For Diesel Applications)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
7/8	1	21316N-X26	1-5/16-14	2.78	1.69	.81	1-3/8	1-1/2

(See page 299 for PTT Thread Adapter.)

Inverted Male Swivel 45° Tube Elbow

HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
3/16	1/4	21304N-E44	7/16-24	2.91	.93	2.19	.15	9/16	7/16
1/4	5/16	21305N-E45	1/2-20	3.30	1.14	2.63	.21	5/8	1/2
5/16	1/4	21306N-E44	7/16-24	3.10	.93	2.25	.15	3/4	7/16
5/16	5/16	21306N-E45	1/2-20	3.40	1.14	2.63	.21	3/4	1/2
5/16	3/8	21306N-E46	5/8-18	3.26	.94	2.38	.25	3/4	5/8
13/32	1/2	21308N-E48	3/4-18	3.70	.94	2.69	.33	7/8	3/4

Field Attachable

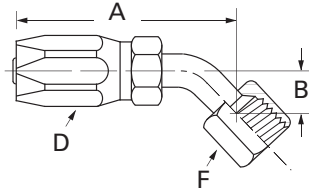
213 'N' Series

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

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

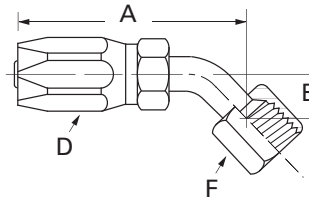
SAE 37° Female Swivel 45° Tube Elbow

(Exceptions Noted for 45° Flare, Refer to Footnotes)



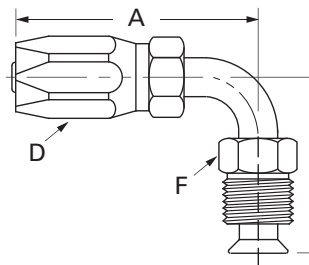
HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
3/16	1/4	21304N-684 ^a	7/16-20	2.34	.33	1.63	.15	9/16	9/16
1/4	5/16	21305N-685 ^a	1/2-20	2.44	.36	1.69	.21	5/8	5/8
5/16	3/8	21306N-686	9/16-18	2.61	.39	1.75	.25	3/4	5/8
13/32	1/2	21308N-688 ^a	3/4-16	3.13	.55	2.13	.33	7/8	7/8

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 D	HEX F
5/16	3/8	21306N-486	5/8-18	2.85	.39	1.81	.25	3/4	3/4

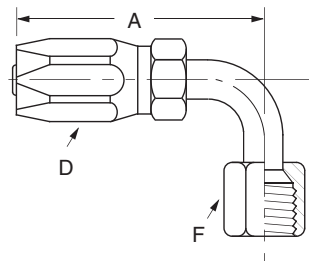
Inverted Male Swivel 90° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
3/16	1/4	21304N-E04	7/16-24	1.69	1.36	1.50	.13	9/16	7/16
3/16	5/16	21304N-E05	1/2-20	2.30	1.61	1.56	.13	9/16	1/2
1/4	5/16	21305N-E05	1/2-20	2.49	1.61	1.75	.17	5/8	1/2
5/16	1/4	21306N-E04	7/16-24	2.58	1.65	1.75	.15	3/4	7/16
5/16	5/16	21306N-E05	1/2-20	2.50	1.61	1.63	.21	3/4	1/2
5/16	3/8	21306N-E06	5/8-18	2.82	1.97	2.00	.24	3/4	5/8
13/32	1/2	21308N-E08	3/4-18	2.78	1.69	1.81	.33	7/8	3/4

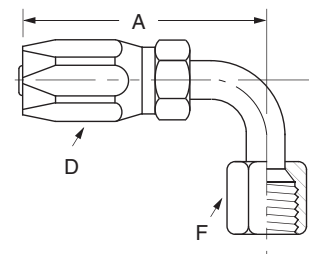
JIC 37° Female Swivel 90° Tube Elbow

(Exceptions Noted for 45° Flare, Refer to Footnotes)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
3/16	1/4	21304N-664 ^a	7/16-20	2.16	.68	1.44	.13	9/16	9/16
1/4	5/16	21305N-665 ^a	1/2-20	2.46	.77	1.75	.17	5/8	5/8
5/16	3/8	21306N-666	9/16-18	2.61	.85	1.81	.24	3/4	11/16
13/32	1/2	21308N-668 ^a	3/4-16	2.91	1.09	1.94	.33	7/8	7/8

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 D	HEX F
5/16	3/8	21306N-466	5/8-18	2.48	.85	1.63	.24	3/4	3/4

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


Field Attachable

247 'N' 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 247 'N' Series

Ordering Information:
Order individually by catalog number.

 Refer to important safety information on page 4.

Typical Application:
Medium pressure and high temperature hose lines for a variety of applications including truck, industrial, and small engine where temperature may be a problem.

Compatible Hose: H059; H069; H166; H169; H229; 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: AISI/SAE 12L14 carbon steel

Plating: Zinc; yellow dichromate finish

Advantages: Very popular in heavy-duty truck markets. Good selection of hose ends. Compatible with a wide variety of hose types allowing for a diverse number of applications. Non-mandrel assembly.

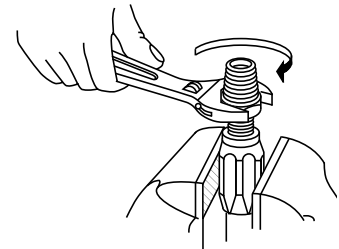
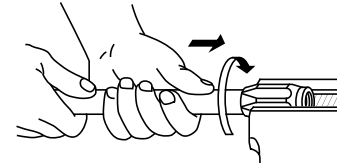
Assembly Instructions:

1. Lubricate insert threads and I.D. of hose.
2. Screw hose into socket (left-hand thread) until hose bottoms. Back out 1/4 turn.
3. Screw insert into socket until insert touches socket.

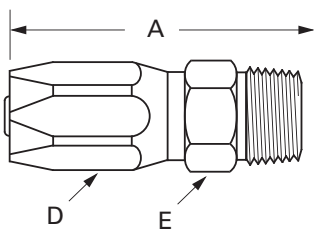
Note:

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

Label Set: FS-600

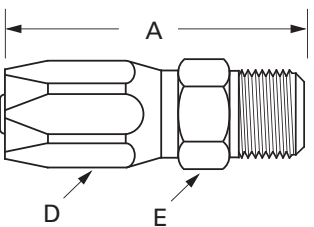


Male Pipe Rigid



HOSE I.D	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX E
3/16	1/8	24704N-102	1/8-27	1.71	1	.12	5/8	7/16
3/16	1/4	24704N-104	1/4-18	1.87	1.12	.12	5/8	9/16
1/4	1/4	24705N-104	1/4-18	1.96	1.25	.18	11/16	9/16
5/16	1/4	24706N-104	1/4-18	2.08	1.25	.25	13/16	9/16
5/16	3/8	24706N-106	3/8-18	2.11	1.25	.25	13/16	11/16
13/32	3/8	24708N-106	3/8-18	2.48	1.33	.36	15/16	11/16
13/32	1/2	24708N-108	1/2-14	2.73	1.58	.36	15/16	7/8
1/2	1/2	24710N-108	1/2-14	2.88	1.63	.45	1-1/8	7/8
1/2	3/4	24710N-112	3/4-14	2.94	1.69	.45	1-1/8	1-1/8
5/8	3/4	24712N-112	3/4-14	3.24	1.67	.55	1-1/4	1-1/4

JIC 37° Male Rigid



HOSE I.D	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX E
3/16	1/4	24704N-504	7/16-20	1.85	1.10	.12	5/8	1/2
1/4	5/16	24705N-505	1/2-20	2.01	1.19	.18	11/16	9/16
5/16	3/8	24706N-506	9/16-18	2.13	1.25	.25	13/16	5/8
13/32	1/2	24708N-508	3/4-16	2.64	1.56	.36	15/16	13/16
1/2	5/8	24710N-510	7/8-14	2.92	1.69	.45	1-1/8	15/16
5/8	3/4	24712N-512	1-1/16-12	3.32	1.81	.55	1-1/4	1-1/8
7/8	1	24716N-516	1-5/16-12	2.97	1.81	.81	1-7/16	1-3/8

Field Attachable

247 'N' 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

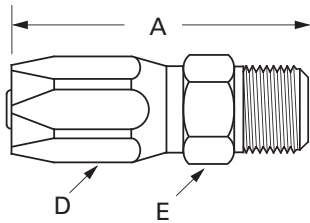
ACCESSORIES & ASSEMBLY INSTRUCTIONS

ADAPTERS & TUBE HOSE ENDS

HOSE ASSEMBLY EQUIPMENT

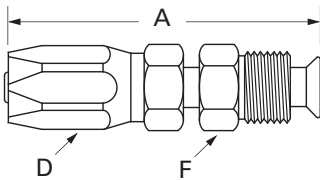
TECHNICAL DATA

SAE 45° Flare Male Rigid



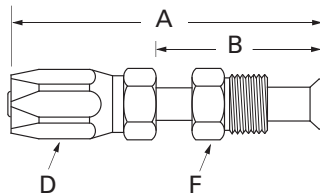
HOSE I.D	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX E
3/16	1/4	24704N-304	7/16-20	1.84	1.13	.12	5/8	1/2
1/4	5/16	24705N-305	1/2-20	2.00	1.25	.18	11/16	9/16
5/16	3/8	24706N-306	5/8-18	2.18	1.28	.25	13/16	11/16
13/32	1/2	24708N-308	3/4-16	2.67	1.50	.36	15/16	13/16
1/2	5/8	24710N-310	7/8-14	3.00	1.72	.45	1-1/8	15/16
5/8	3/4	24712N-312	1-1/16-14	3.46	1.88	.55	1-1/4	1-1/8

Inverted Male Swivel Straight



HOSE I.D	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
3/16	1/4	24704N-B04	7/16-24	2.54	1.81	.18	5/8	7/16
1/4	5/16	24705N-B05	1/2-20	2.75	2.00	.21	11/16	1/2
5/16	3/8	24706N-B06	5/8-18	2.91	2.00	.31	13/16	5/8
13/32	1/2	24708N-B08	3/4-18	3.63	2.50	.43	15/16	3/4

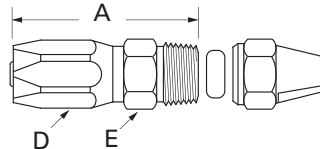
Inverted Male Swivel - Extended



HOSE I.D	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
5/16	1/4	24706N-B24	7/16-24	7.62	6.00	6.75	.15	13/16	7/16
5/16	5/16	24706N-B25	1/2-20	7.62	6.00	6.75	.21	13/16	1/2
5/16	3/8	24706N-B26	5/8-18	7.62	6.00	6.75	.24	13/16	5/8

Air Brake Connection (Hose to Copper/ Nylon Tubing)

(For 150 PSI Air Pressure Max.)



HOSE I.D	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX E
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 Copper Tubing

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

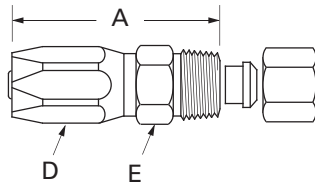
Field Attachable**247 'N' Series**

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

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

**Flareless Tube Rigid
Ermeto 7000 Series**

(With Nut and Sleeve)

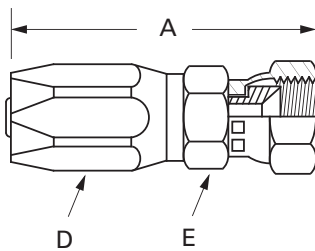


HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX E
5/16	1/4	24706N-754	7/16-20	2.02	1.13	.20	13/16	5/8
5/16	5/16	24706N-755	1/2-20	1.96	1.13	.23	13/16	5/8
5/16	3/8	24706N-756	9/16-18	1.98	1.13	.28	13/16	11/16
5/16	1/2	24706N-758	3/4-16	2.12	1.25	.28	13/16	13/16

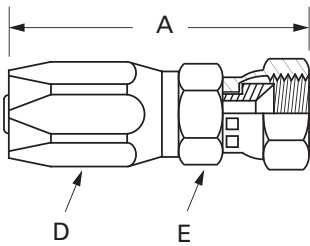
(For replacement Nuts and Sleeves, see pages 311-312.)

JIC 37° Female Swivel

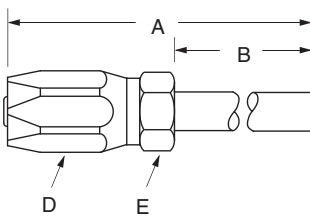
(Exceptions Noted)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX E
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

**SAE 45° Flare
Female Swivel**

HOSE I.D.	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	2.36	1.46	.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	3.49	1.92	.55	1-1/4	1-1/4

Straight Tube - Extended

HOSE I.D.	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 Copper Tubing

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

Hose to Nylon Tubing

CATALOG NUMBER SLEEVE	CATALOG NUMBER NUT	CATALOG NUMBER INSERT
1460x6	1461x6	1484x6
1460x8	1461x8	1484x8
1460x10	1461x10	1484x10
1460x12	1461x12	1484x12

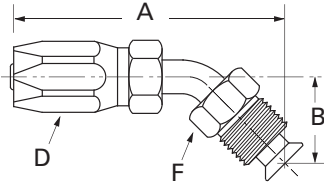
Field Attachable

247 'N' 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.

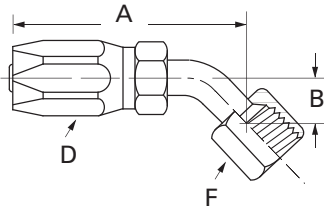
Inverted Male Swivel 45° Tube Elbow



HOSE I.D.	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

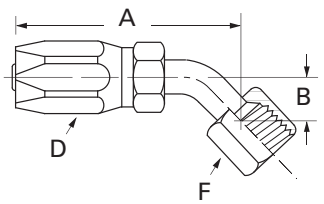
JIC 37° Female Swivel 45° Tube Elbow

(Exceptions Noted for 45° Flare, Refer to Footnotes)



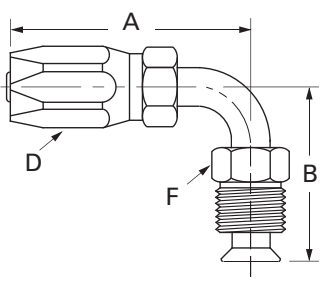
HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
3/16	1/4	24704N-684 ^a	7/16-20	2.45	.33	1.75	.12	5/8	9/16
1/4	5/16	24705N-685 ^a	1/2-20	2.60	.36	1.88	.18	11/16	5/8
5/16	3/8	24706N-686	9/16-18	2.78	.39	1.88	.25	13/16	11/16
13/32	1/2	24708N-688 ^a	3/4-16	3.46	.55	2.31	.33	15/16	7/8
1/2	5/8	24710N-690 ^a	7/8-14	3.86	.63	2.63	.45	1-1/8	1
5/8	3/4	24712N-692	1-1/16-12	4.39	.78	2.88	.55	1-1/4	1-1/4
7/8	1	24716N-696	1-5/16-12	5.21	1.10	3.94	.76	1-7/16	1-7/16

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 D	HEX F
5/16	1/4	24706N-484	7/16-20	2.61	.33	1.75	.25	13/16	5/8
5/16	3/8	24706N-486	5/8-18	2.82	.39	1.94	.25	13/16	3/4
5/8	3/4	24712N-492	1-1/16-14	4.45	.78	2.94	.55	1-1/4	1-1/4

Inverted Male Swivel 90° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
3/16	1/4	24704N-E04	7/16-24	2.26	1.36	1.56	.18	5/8	7/16
1/4	5/16	24705N-E05	1/2-20	2.59	1.61	1.88	.24	11/16	1/2
5/16	1/4	24706N-E04	7/16-24	2.41	1.36	1.50	.18	7/8	7/16
5/16	5/16	24706N-E05	1/2-20	2.74	1.61	1.88	.24	7/8	1/2
5/16	3/8	24706N-E06	5/8-18	3.03	1.97	2.13	.30	7/8	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

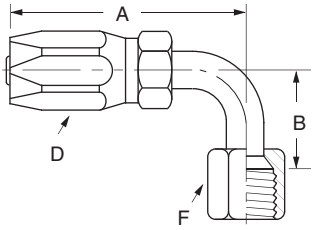
Field Attachable

247 'N' Series

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

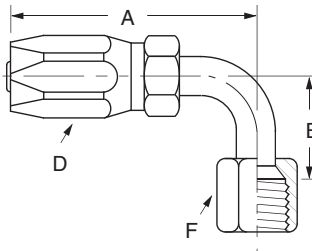
JIC 37° Female Swivel 90° Tube Elbow

(Exceptions Noted)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
3/16	1/4	24704N-664 ^a	7/16-20	2.28	.68	1.50	.12	5/8	9/16
1/4	5/16	24705N-665 ^a	1/2-20	2.60	.77	1.88	.18	11/16	5/8
5/16	3/8	24706N-666	9/16-18	2.78	.85	2.88	.25	13/16	11/16
13/32	1/2	24708N-668 ^a	3/4-16	3.20	1.09	2.13	.36	15/16	7/8
1/2	1/2	24710N-668 ^a	3/4-16	3.45	1.09	2.13	.45	15/16	7/8
1/2	5/8	24710N-670 ^a	7/8-14	3.63	1.23	2.50	.45	1-1/8	1
5/8	3/4	24712N-672	1-1/16-12	4.29	1.82	2.81	.55	1-1/4	1-1/4
7/8	1	24716N-676	1-5/16-12	4.51	2.14	2.81	.81	1-7/16	1-1/2

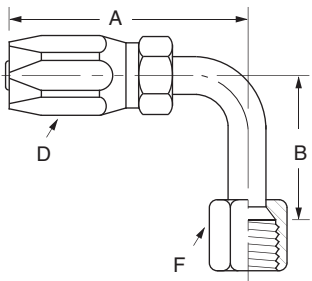
SAE 45° Female Swivel 90° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
5/16	3/8	24706N-466	5/8-18	2.74	.85	1.88	.25	13/16	3/4
5/8	3/4	24712N-472	1-1/16-14	4.33	1.82	2.75	.55	1-1/4	1-1/4

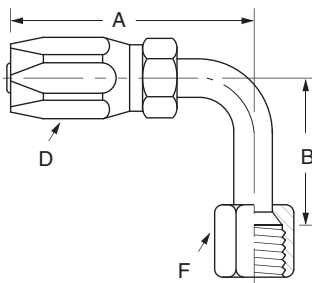
JIC 37° Female Swivel Long Drop 90° Tube Elbow

(Exceptions Noted)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
3/16	1/4	24704N-644 ^a	7/16-20	2.35	1.80	1.69	.15	5/8	9/16
1/4	5/16	24705N-645 ^a	1/2-20	2.54	1.80	1.88	.21	11/16	5/8
5/16	3/8	24706N-646	9/16-18	2.83	2.18	2.00	.24	13/16	11/16
13/32	1/2	24708N-648 ^a	3/4-16	3.31	2.43	2.25	.33	15/16	7/8
1/2	5/8	24710N-650 ^a	7/8-14	3.56	2.57	2.31	.46	1-1/8	1
5/8	3/4	24712N-652	1-1/16-12	4.43	3.73	3.00	.58	1-1/4	1-1/4
7/8	1	24716N-656	1-5/16-12	4.39	4.33	3.19	.76	1-7/16	1-1/2

SAE 45° Female Swivel Long Drop 90° Tube Elbow



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
5/16	1/4	24706N-444	7/16-20	2.54	1.80	1.63	.15	13/16	5/8
5/16	3/8	24706N-446	5/8-18	2.82	2.18	1.88	.24	13/16	3/4
5/8	3/4	24712N-452	1-1/16-14	4.39	3.73	2.81	.58	1-1/4	1-1/4

Field Attachable

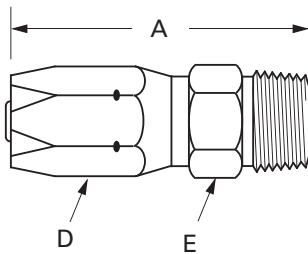
425 'N' Series

Hose End 425 'N' Series

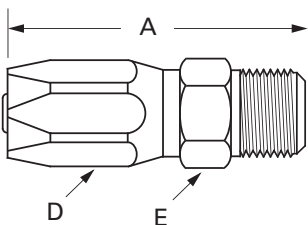
Insertion Depth

HOSE I.D.	SCREW HOSE INTO SOCKET
1/4	1"
3/8	1-5/32"
1/2	1-3/16"
3/4	1-5/16"
1	1-9/16"
1-1/4	1-7/8"
1-1/2	2"
2	1-15/16"

Male Pipe Rigid



JIC 37° Male Rigid



Ordering Information:

Order individually by catalog number. Order o-rings by catalog number; reference individual hose listing for details. For split flange kits, reference pages 330-333.

Typical Application:

High pressure hydraulic applications such as construction, farm implement and industrial equipment.

Compatible Hose: H425

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

Material: AISI/SAE 12L14 carbon steel

Plating: Zinc; yellow dichromate finish

Advantages: Good selection of hose ends. Non-mandrel assembly. Wide variety of applications

because of its use with H425 hose.

Assembly Instructions:

Due to the high torque required to assemble larger sizes, it is recommended that 425 'N' Series hose ends be assembled with the T-300 assembly machine (page 425).

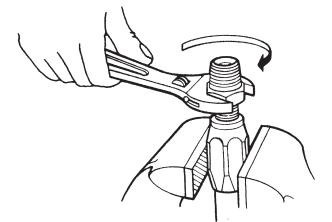
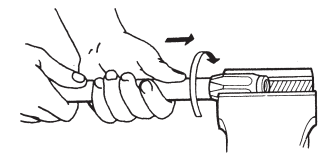
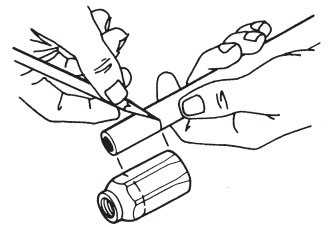
1. Lubricate insert threads and I.D. of hose.
2. Measure from end of hose and mark the socket depth. Use notch on socket or see insertion depth chart below.
3. Screw hose into socket (left-hand thread) to the depth marked on hose.
4. Screw insert into socket until insert touches socket.

Label Set: FS-700

Note:

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

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



HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX E
1/4	1/8	42504N-102	1/8-27	2.18	1.19	.17	13/16	7/16
1/4	1/4	42504N-104	1/4-18	2.36	1.38	.17	13/16	9/16
3/8	1/4	42506N-104	1/4-18	2.50	1.31	.27	15/16	9/16
3/8	3/8	42506N-106	3/8-18	2.53	1.38	.27	15/16	11/16
1/2	3/8	42508N-106	3/8-18	2.58	1.38	.39	1-1/16	11/16
1/2	1/2	42508N-108	1/2-14	2.83	1.63	.39	1-1/16	7/8
1/2	3/4	42508N-112	3/4-14	2.86	1.69	.39	1-1/16	1-1/16
3/4	3/4	42512N-112	3/4-14	2.98	1.69	.61	1-3/8	1-1/16
1	1	42516N-116	1-11-1/2	3.59	2.00	.81	1-3/4	1-3/8
1-1/4	1-1/4	42520N-120	1-1/4-11-1/2	4.37	2.44	1.05	2-1/4	1-11/16
1-1/2	1-1/2	42524N-124	1-1/2-11-1/2	4.71	2.69	1.28	2-1/2	2
2	2	42532N-132	2-11-1/2	4.86	2.88	1.83	3	2-1/2

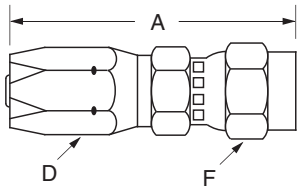
HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX E
1/4	1/4	42504N-504	7/16-20	2.35	1.38	.17	13/16	9/16
1/4	5/16	42504N-505	1/2-20	2.35	1.38	.17	13/16	9/16
1/4	3/8	42504N-506	9/16-18	2.39	1.38	.17	13/16	5/8
3/8	3/8	42506N-506	9/16-18	2.53	1.38	.27	15/16	5/8
3/8	1/2	42506N-508	3/4-16	2.69	1.50	.27	15/16	13/16
1/2	1/2	42508N-508	3/4-16	2.74	1.56	.39	1-1/16	13/16
1/2	5/8	42508N-510	7/8-14	2.87	1.69	.39	1-1/16	15/16
3/4	3/4	42512N-512	1-1/16-12	3.09	1.75	.61	1-3/8	1-1/8
1	1	42516N-516	1-5/16-12	3.56	1.94	.81	1-3/4	1-3/8

Field Attachable

425 'N' Series

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

Female Pipe Swivel

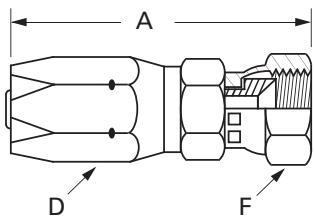


HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
1/2	1/2	42508N-258	1/2-14	3.89	2.75	.39	1-1/16	1-1/8
3/4	3/4	42512N-262	3/4-14	4.09	2.81	.61	1-3/8	1-3/8

Note:
 Swivel for installation purposes only.
 (Not for temperatures above 200°F.)

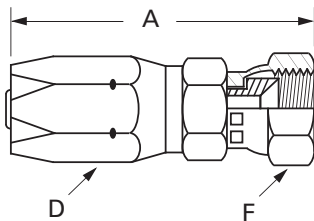
JIC 37° Female Swivel

(Exceptions Noted)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
1/4	1/4	42504N-604 ^a	7/16-20	2.49	1.50	.17	13/16	9/16
1/4	5/16	42504N-605 ^a	1/2-20	2.59	1.56	.17	13/16	5/8
1/4	3/8	42504N-606	9/16-18	2.65	1.63	.17	13/16	11/16
3/8	3/8	42506N-606	9/16-18	2.79	1.63	.27	15/16	11/16
3/8	1/2	42506N-608 ^a	3/4-16	2.96	1.81	.27	15/16	7/8
1/2	1/2	42508N-608 ^a	3/4-16	3.01	1.81	.39	1-1/16	7/8
1/2	5/8	42508N-610 ^a	7/8-14	3.02	1.88	.39	1-1/16	1
3/4	5/8	42512N-610 ^a	7/8-14	3.14	1.88	.48	1-3/8	1
3/4	3/4	42512N-612	1-1/16-12	3.26	2.00	.61	1-3/8	1-1/4
3/4	7/8	42512N-614	1-3/16-12	3.38	2.06	.61	1-3/8	1-3/8
1	1	42516N-616	1-5/16-12	4.19	2.63	.81	1-3/4	1-1/2
1-1/4	1-1/4	42520N-620	1-5/8-12	4.76	2.75	1.08	2-1/4	2
1-1/2	1-1/2	42524N-624	1-7/8-12	5.04	3.00	1.28	2-1/2	2-1/4
2	2	42532N-632	2-1/2-12	5.80	3.88	1.73	3	3

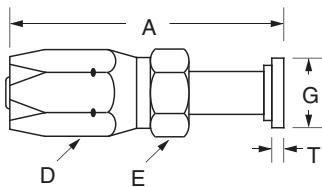
SAE 45° Female Swivel



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
3/8	3/8	42506N-406	5/8-18	2.67	1.50	.27	15/16	3/4
3/4	3/4	42512N-412	1-1/16-14	3.27	2.00	.61	1-3/8	1-1/4

Split Flange Straight

(SAE Code 61)

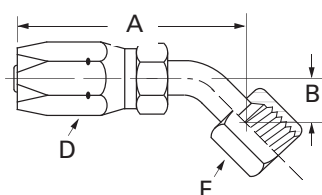


HOSE I.D.	NOM. FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCLUDED)	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX E	G	T
3/4	3/4	42512N-G12	12x252	3.81	2.50	.58	1-3/8	1-15/16	1.50 (38mm)	.265
1	1	42516N-G16	16x252	4.02	2.50	.76	1-3/4	1-1/4	1.75 (44mm)	.315
1-1/4	1-1/4	42520N-G20	20x252	5.32	3.50	1.01	2-1/4	1-5/8	2.00 (51mm)	.315

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

JIC 37° Female Swivel 45° Tube Elbow

(Refer to Footnotes)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
1/4	1/4	42504N-684 ^a	7/16-20	2.86	.33	1.81	.15	13/16	9/16
3/8	3/8	42506N-686	9/16-18	3.15	.39	2.00	.25	15/16	11/16
1/2	1/2	42508N-688 ^a	3/4-16	3.46	.56	2.25	.36	1-1/16	7/8
1/2	5/8	42508N-690 ^a	7/8-14	3.92	.64	2.50	.36	1-1/16	1
3/4	3/4	42512N-692	1-1/16-12	4.17	.73	2.88	.55	1-3/8	1-1/4
1	1	42516N-696	1-5/16-12	5.42	1.10	3.75	.76	1-3/4	1-1/2

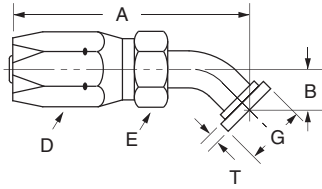
Field Attachable

425 'N' Series

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

Split Flange 45° Tube Elbow

(SAE Code 61)

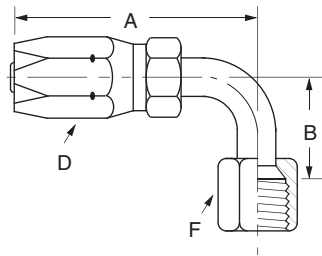


HOSE I.D.	NOM. FLANGE SIZE	CATALOG NUMBER	REPLACEMENT O-RING (NOT INCLUDED)	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX E	G	T
3/4	3/4	42512N-G42	12x252	4.47	1.00	3.13	.58	1-3/8	15/16	1.50 (38mm)	.265
1	1	42516N-G46	16x252	5.15	1.06	3.56	.76	1-3/4	1-1/4	1.75 (44mm)	.315
1-1/4	1-1/4	42520N-G50	20x252	5.32	1.15	3.44	1.01	2-1/4	1-5/8	2.00 (51mm)	.315

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

JIC 37° Female Swivel 90° Tube Elbow

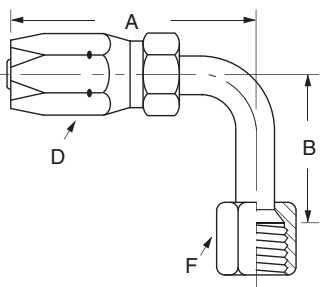
(Refer to Footnotes)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
1/4	1/4	42504N-664 ^a	7/16-20	2.71	.68	1.69	.15	13/16	9/16
3/8	3/8	42506N-666	9/16-18	3.12	.85	1.94	.24	15/16	11/16
1/2	1/2	42508N-668 ^a	3/4-16	3.33	1.09	2.13	.33	1-1/16	7/8
1/2	5/8	42508N-670 ^a	7/8-14	3.57	1.23	2.38	.39	1-1/16	1
3/4	3/4	42512N-672	1-1/16-12	4.26	1.85	2.94	.58	1-3/8	1-1/4
1	1	42516N-676	1-5/16-12	5.14	2.14	3.56	.81	1-3/4	1-1/2

JIC 37° Female Swivel Long Drop 90° Tube Elbow

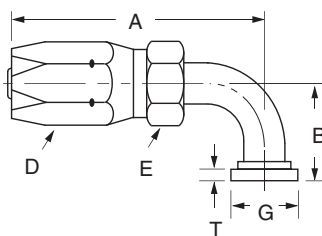
(Refer to Footnotes)



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
1/4	1/4	42504N-644 ^a	7/16-20	2.76	1.80	1.75	.15	13/16	9/16
3/8	3/8	42506N-646	9/16-18	3.17	2.18	2.00	.24	15/16	11/16
1/2	1/2	42508N-648 ^a	3/4-16	3.40	2.45	2.19	.33	1-1/16	7/8
3/4	3/4	42512N-652	1-1/16-12	4.08	3.75	2.75	.58	1-3/8	1-1/4

Split Flange 90° Tube Elbow

(SAE Code 61)



HOSE I.D.	NOM. FLANGE SIZE	CATALOG NUMBER	REPLM'T O-RING (NOT INCL'D)	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX E	G	T
3/4	3/4	42512N-G72	12x252	3.95	2.13	2.75	.58	1-3/8	15/16	1.50 (38mm)	.265
3/4	1	42512N-G76	16x252	4.06	2.13	2.75	.58	1-3/8	15/16	1.75 (44mm)	.315
1	1	42516N-G76	16x252	4.81	2.38	3.25	.88	1-3/4	1-1/4	1.75 (44mm)	.315
1-1/4	1-1/4	42520N-G80	20x252	5.47	2.62	3.56	1.03	2-1/4	1-5/8	2.00 (51mm)	.315
1-1/4	1-1/2	42520N-G84	24x252	5.49	2.75	3.63	1.05	2-1/4	1-7/8	2.37 (60mm)	.315

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

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


Field Attachable

436 'N' 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 436 'N' Series

Ordering Information:
Order individually by catalog number.

 Refer to important safety information on page 4.

Typical Application:
Medium pressure hydraulic applications where compatibility may be a problem or where shock hazards exist.

Compatible Hose: H435; H436; H435 and H436 Twinline.

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: AISI/SAE 12L14 carbon steel

Plating: Zinc; yellow dichromate finish

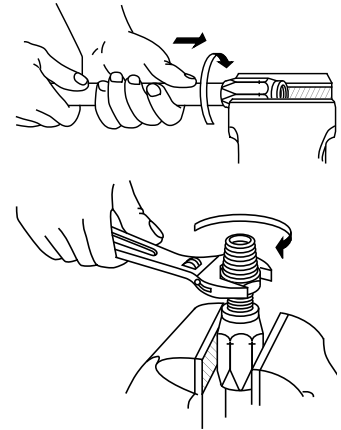
Advantages:
Good selection of hose ends. Non-mandrel assembly.

Assembly Instructions:

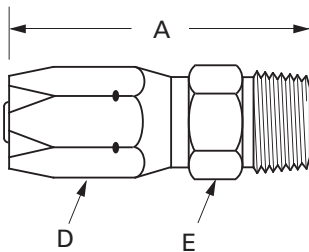
1. Lubricate insert threads and I.D. of hose.
2. Screw hose into socket (left-hand thread) until hose bottoms. Back out 1/4 turn.
3. Screw insert into socket until insert touches socket.

Note:

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

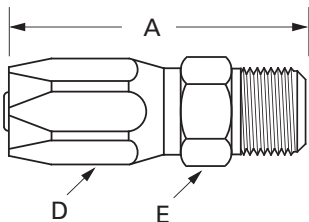


Male Pipe Rigid



HOSE I.D.	PIPE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX E
1/4	1/4	43604N-104	1/4-18	1.96	1.13	.18	5/8	9/16
3/8	1/4	43606N-104	1/4-18	2.50	1.31	.27	7/8	9/16
3/8	3/8	43606N-106	3/8-18	2.53	1.38	.27	7/8	11/16
1/2	3/8	43608N-106	3/8-18	2.58	1.31	.39	1-1/16	11/16
1/2	1/2	43608N-108	1/2-14	2.83	1.56	.39	1-1/16	7/8
3/4	3/4	43612N-112	3/4-14	2.98	1.63	.61	1-3/8	1-1/16
1	1	43616N-116	1-11-1/2	3.59	1.94	.81	1-11/16	1-3/8

JIC 37° Male Rigid



HOSE I.D.	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX E
1/4	1/4	43604N-504	7/16-20	1.99	1.19	.17	5/8	1/2
1/4	5/16	43604N-505	1/2-20	1.96	1.19	.18	5/8	9/16
3/8	3/8	43606N-506	9/16-18	2.53	1.38	.27	7/8	5/8
3/8	1/2	43606N-508	3/4-16	2.69	1.50	.27	7/8	13/16
1/2	1/2	43608N-508	3/4-16	2.74	1.50	.39	1-1/16	13/16
1/2	5/8	43608N-510	7/8-14	2.87	1.63	.39	1-1/16	15/16

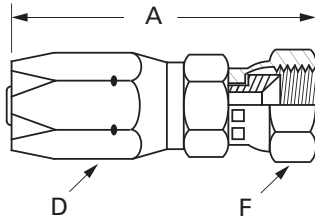
Field Attachable

436 'N' Series

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

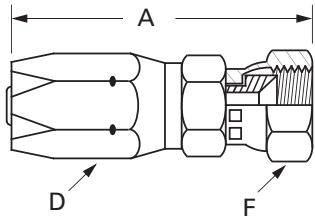
SAE 37° Female Swivel

(Exceptions Noted)



HOSE I.D	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
1/4	1/4	43604N-604 ^a	7/16-20	2.13	1.31	.17	5/8	9/16
1/4	5/16	43604N-605 ^a	1/2-20	2.23	1.44	.18	5/8	5/8
1/4	3/8	43604N-606	9/16-18	2.24	1.44	.18	5/8	11/16
3/8	3/8	43606N-606	9/16-18	2.79	1.63	.27	7/8	11/16
3/8	1/2	43606N-608 ^a	3/4-16	2.96	1.81	.27	7/8	7/8
1/2	1/2	43608N-608 ^a	3/4-16	3.01	1.75	.39	1-1/16	7/8
1/2	5/8	43608N-610 ^a	7/8-14	3.02	1.75	.39	1-1/16	1
3/4	3/4	43612N-612	1-1/16-12	3.27	1.88	.61	1-3/8	1-1/4
1	1	43616N-616	1-5/16-12	3.83	2.19	.81	1-11/16	1-1/2

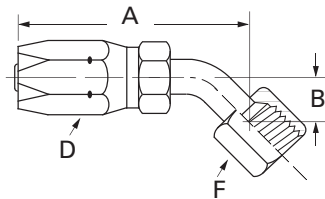
SAE 45° Female Swivel



HOSE I.D	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
3/8	3/8	43606N-406	5/8-18	2.67	1.50	.27	7/8	3/4

JIC 37° Female Swivel 45° Tube Elbow

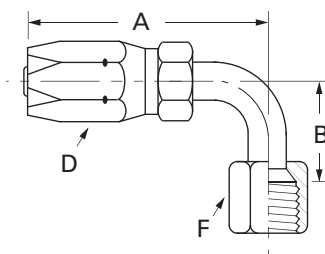
(Refer to Footnotes)



HOSE I.D	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
1/4	1/4	43604N-684 ^a	7/16-20	2.49	.33	1.69	.18	5/8	9/16

JIC 37° Female Swivel 90° Tube Elbow

(Refer to Footnotes)



HOSE I.D	TUBE SIZE	CATALOG NUMBER	THREAD SIZE	A	B	HOSE CUT-OFF FACTOR†	HOLE DIA.	HEX D	HEX F
1/4	1/4	43604N-664 ^a	7/16-20	2.42	.68	1.63	.18	5/8	9/16
3/8	3/8	43606N-666	9/16-18	3.02	.85	1.88	.24	7/8	11/16
1/2	1/2	43608N-668 ^a	3/4-16	3.28	1.09	2.00	.33	1-1/16	7/8

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