



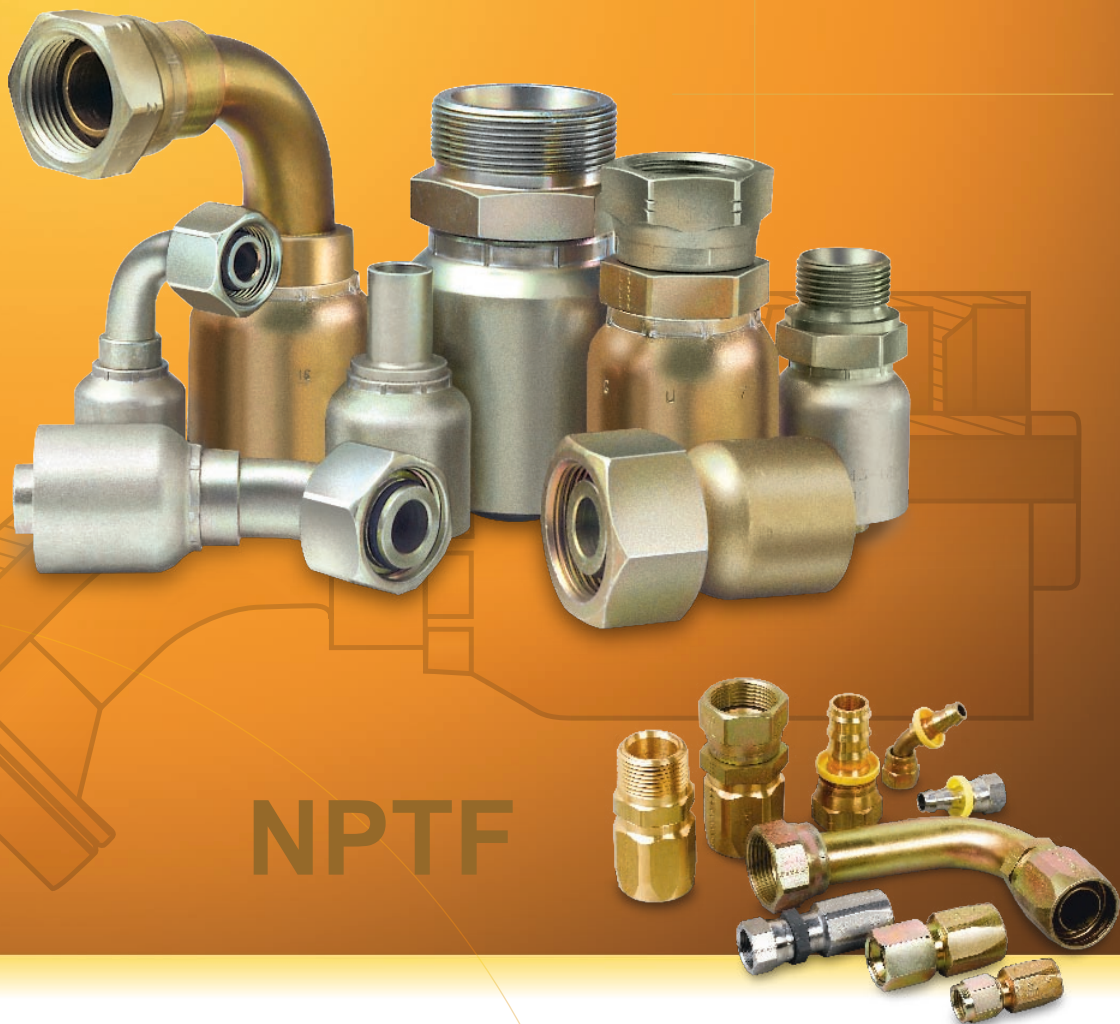
Fittings

FITTINGS

Parkrimp (crimp) Series

Field Attachable Series

Visit www.parkerhose.com for 3D CAD drawings.



NPTF

Seal-Lok[®]

Parkrimp (crimp) Series of Fittings

25 Series	B-5
26 Series	B-9
43 Series	B-27
70 Series	B-57
71 Series	B-63
73 Series	B-77
76 Series	B-84
78 Series	B-86
S6 Series	B-87
79 Series	B-99
HY Series	B-102
81 Series	B-169

Field Attachable Series of Fittings

20 Series	B-117
21 Series	B-127
22 Series	B-135
23 Series	B-139
30 Series	B-143
42 Series	B-149
82 Series	B-156
88 Series	B-169
TB Series	B-175

Hose
A

Fittings
B

Equipment
C

Accessories
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How to Read the Fittings Section

With over 750 end configurations, Parker's brass, stainless steel and zinc-cromate coated steel include O-ring face seal, flare, straight thread, male pipe and metric designs, in both crimp and field attachable styles. Along with Parker hose, all fittings have been tested and approved, meeting stringent industry standards worldwide. Fitting page content is defined by the information shown below. Please take a moment and review.

How to Select Parkrimp Hose Fittings

Example: 1JC43-12-8C

- 1JC43-12-8C** - Fitting (1=Crimp, 2=Field attachable, 3=Push-Lok, Blank=Nipple with clamp)
- 1JC43-12-8C** - End Connection
- 1JC43-12-8C** - Fitting Series
- 1JC43-12-8C** - Size of Fitting End Connection
- 1JC43-12-8C** - Hose Size
- 1JC43-12-8C** - Fitting Material
- No Suffix = Steel
- B = Brass
- C = 316 Stainless Steel
- BA = Brass Nipple with Steel Nut and Socket
- BS = Brass Nipple with Brass nut and Socket
- SM = Metric Index

Hose Inner Diameter
Measured in 1/16 inch increments identified by use of a "dash"(-) numbering system. i.e., 4/16" = 1/4" = -4.

"A" Dimension
(Overall Length)

Hex size
Use to determine the wrench size

"B" Dimension
(Cutoff Allowance) Dimension used to determine cut length (C.L.) of hose when making a hose assembly

Fitting Information
Base part number and end connection description

Catalog 4400 US
Pipe / JIC

26 Series Fittings

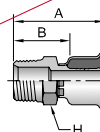
Use with 201, 206, 213, 221FR, 225, 244, 266, 285, 293, SS23CG hoses.

Lists approved hoses for fitting series

10126
Male NPTF Pipe - Rigid - Straight

Standard material for fittings is steel. For additional material, refer to column

#	Thread	Hose I.D.	A		H		B		Additional Material Brass
Part Number	inch	inch	inch	mm	inch	mm	inch	mm	
10126-2-4	1/8x27	3/16	1.65	42	7/16	0.78	0.78	20	
10126-4-4	1/4x18	3/16	1.88	48	9/16	1.01	1.01	26	
10126-4-5	1/4x18	1/4	1.88	48	9/16	1.01	1.01	26	
10126-4-6	1/4x18	5/16	1.88	48	3/4	1.02	1.02	26	•
10126-6-6	3/8x18	5/16	1.89	48	11/16	1.03	1.03	26	•
10126-6-8	3/8x18	13/32	1.89	48	11/16	1.03	1.03	26	•
10126-8-8	1/2x14	13/32	2.14	54	7/8	1.28	1.28	33	•
10126-8-10	1/2x14	1/2	2.25	57	7/8	1.30	1.30	33	•
10126-12-12	3/4x14	5/8	2.31	59	1-1/16	1.37	1.37	35	•
10126-16-16	1x11-1/2	7/8	2.61	66	1-3/8	1.57	1.57	40	
10126-20-20	1-1/4x11-1/2	1-1/8	2.83	72	1-3/4	1.77	1.77	45	
10126-24-24	1-1/2x11-1/2	1-3/8	3.01	76	2	1.93	1.93	49	
10126-32-32	2x11-1/2	1-13/16	3.44	87	2-1/2	2.18	2.18	55	



A

B

Fittings 26 Series

Indicates Fitting Section

Continued on next page

How to Read the Fittings Section

Continued from previous page

How to Select Parkrimp Hose Fittings

Example: 1JC43-12-8C

1JC43-12-8C - Fitting (1 = Crimp, 2 = Field Attachable, 3 = Push-Lok, Blank = Nipple with clamp or shell)

1JC43-12-8C - End connection (In this case, a female Seal-Lok – swivel – straight)

1JC**43**-12-8C - Fitting series

1JC43-**12**-8C - Size of fitting end connection (In this case, 12/16" or 3/4")

1JC43-12-**8**C - Hose size (In this case, 8/16" or 1/2")

1JC43-12-8**C** - Fitting material:

No Suffix = Steel

B = Brass

C = 316 Stainless Steel

BA = Brass Nipple with Steel Nut and Socket

BS = Brass Nipple with Brass Nut and Socket

SM = Metric Hex



How to Select Two-Piece Field Attachable Fittings

When selecting a two-piece field attachable fitting, the fitting part number (found in Section B of this catalog) needs to be broken down into two distinct numbers for the nipple and the socket.

Example: 20020-16-16B

Socket Part Number

Example: 20020-16B

20020-16B - Fitting (1 = Crimp, 2 = Field Attachable, 3 = Push-Lok, Blank = Nipple with clamp or shell)

20020-16B - End connection ("00" represents that it is a socket)

200**20**-16B - Fitting series

20020-**16**B - Hose size (In this case, 16/16" or 1")

20020-16**B** - Fitting material:

No Suffix = Steel

B = Brass

C = 316 Stainless Steel

BA = Brass Nipple with Steel Nut and Socket

BS = Brass Nipple with Brass Nut and Socket

SM = Metric Index



Nipple Part Number

Example: 0120-16-16B

0120-16-16B - Fitting (1 = Crimp, 2 = Field Attachable, 3 = Push-Lok, Blank = Nipple with clamp or shell)

0120-16-16B - End connection (In this case, a male NPTF Pipe – rigid – straight)

01**20**-16-16B - Fitting series

0120-**16**-16B - Size of fitting end connection (In this case, 16/16" or 1")

0120-16-**16**B - Hose size (In this case, 16/16" or 1")

0120-16-16**B** - Fitting material:

No Suffix = Steel

B = Brass


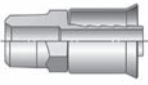
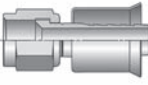
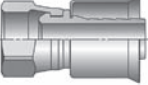
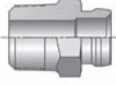
C = 316 Stainless Steel

BA = Brass Nipple with Steel Nut and Socket

BS = Brass Nipple with Brass Nut and Socket

SM = Metric Index



 <p>Flange</p>	<p>10125 B-6</p>  <p>Rigid</p>	<p>10825 B-6</p>  <p>Swivel</p>	<p>17B25 B-6</p>  <p>Swivel</p>	<p>017M B-6</p>  <p>Swivel</p>	<p>B-7</p> <p>Assembly Instructions</p>
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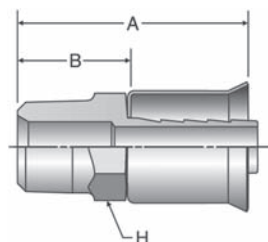
Hose
A

Fittings
25 Series
B

Equipment
C

Accessories
D

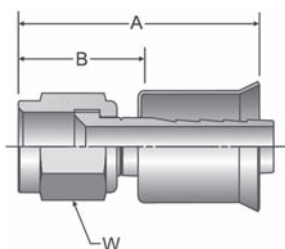
Technical
E



10125

Male NPTF Pipe - Rigid

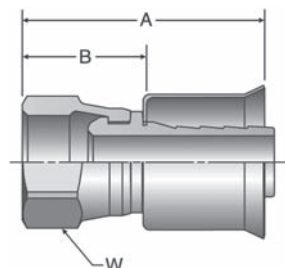
#							
Part Number	Thread inch	Hose I.D. inch	A		H	B	
			inch	mm	inch	inch	mm
10125-6-6B-VS	3/8X18	3/8	1.72	44	11/16	1.00	25
10125-6-8B-VS	3/8X18	1/2	1.72	44	11/16	1.00	25
10125-8-6B-VS	1/2X14	3/8	2.05	52	7/8	1.33	34
10125-8-8B-VS	1/2X14	1/2	2.05	52	7/8	1.33	34



10825

Male NPTF Pipe - Swivel

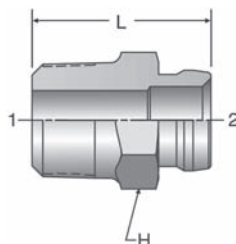
#							
Part Number	Thread inch	Hose I.D. inch	A		H	B	
			inch	mm	inch	inch	mm
10825-6-6B	5/8X18	3/8	1.82	46	3/4	1.10	28
10825-6-8B	3/4X16	3/8	1.80	46	7/8	1.08	27
10825-8-8B	3/4x16	1/2	1.95	50	7/8	1.22	31



17B25

Male NPTF Pipe - Swivel

#							
Part Number	Thread inch	Hose I.D. inch	A		H	B	
			inch	mm	inch	inch	mm
17B25-8-8B	3/4X20	1/2	1.59	40	7/8	0.87	22
17B25-8-6B	3/4x20	3/8	1.59	40	7/8	0.87	22



017M

Male NPTF Pipe - Swivel

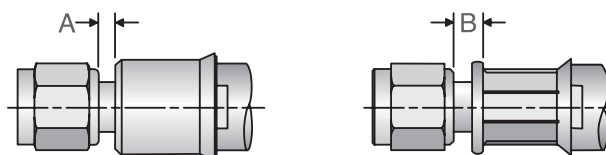
#							
Part Number	Thread End 1 NPTF inch		Thread End 2 UNEF inch		L		H
					inch	mm	inch
017M-6-8B	6	3/8X18	8	3/4X20	1.13	29	3/4
017M-8-8B	8	1/2X14	8	3/4X20	1.33	34	7/8

Assembly Instructions

1. On the 08 end configurations only, the use of a mandrel is required. This mandrel is designed to set the proper gap between the nut and the shell. To match the correct fitting with the proper mandrel part number refer to the table below.



2. The assembly mandrels can be used with a common bench vise or on the TH2-7 push-on stand. (Refer to Bulletin 4480-T13-USA for push-on stand instructions)
3. When using the common bench vise, place the mandrel in the vise, put the fitting on the mandrel (nut first) then push on the hose until it bottoms. [Visually check the sight hole on the side of the shell to assure that the hose is fully inserted].
4. Remove mandrel from fitting and check for proper gap between nut and shell. (See table below).
5. Now crimp the fitting onto the hose referring to Crimp Source for correct crimp dies and crimping dimensions.
6. Check for proper gap between nut and shell after crimp. (See table below)



BEFORE CRIMP

AFTER CRIMP

NOTE: B dimension is measured from the back of the fully-seated nut to the start of the crimp length. The nut must be free to swivel after crimping of the shell.

Fitting Part Number	A Length		B Length		Required Assembly Mandrel
	mm	inch	mm	inch	
10825-6-6B	3,805,85	0.1500.230	8,0011,80	0.3150.465	TH2-7M25-6
10825-8-8B	3,805,85	0.1500.230	8,0011,80	0.3150.465	TH2-7M25-8

7. For all other 25 series fittings, use of mandrel is not necessary. Push fitting onto hose until it bottoms. Visually check sight hole on the side of the shell to assure that the hose is fully inserted.

Hose

A

Fittings
25 Series

B

Equipment

C


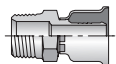

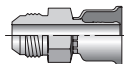
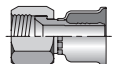
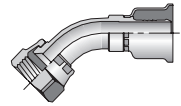
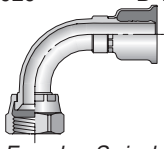
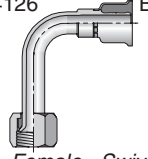

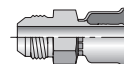
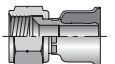
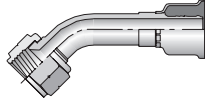
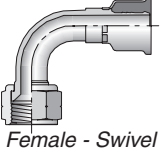

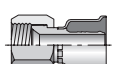

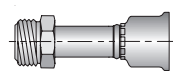
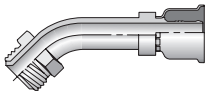
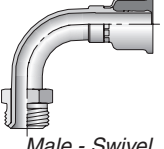

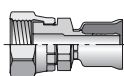
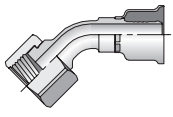
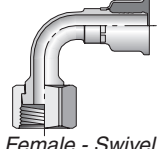

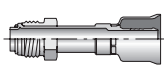
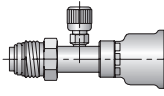
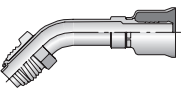
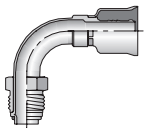
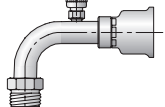
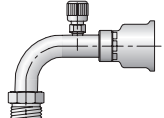
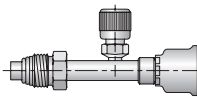
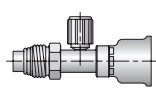
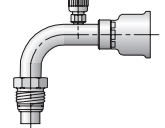
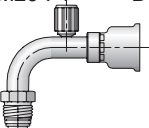
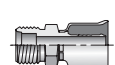
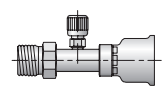
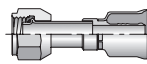
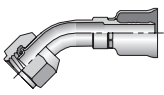
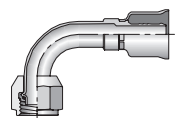
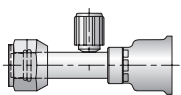
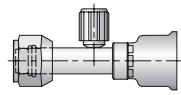
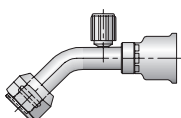
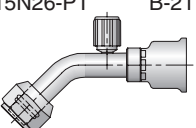
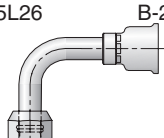
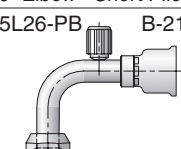
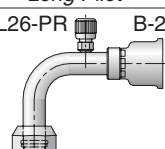
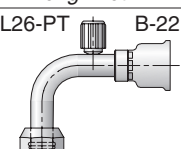
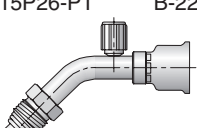
Accessories

D

Technical

E



 NPTF Pipe	10126 B-11  <i>Male - Rigid</i>	 JIC 37°	10326 B-11  <i>Male - Rigid</i>	10626 B-12  <i>Female - Swivel</i>	13726 B-12  <i>Female - Swivel 45° Elbow - Short</i>
13926 B-12  <i>Female - Swivel 90° Elbow - Short</i>	14126 B-13  <i>Female - Swivel 90° Elbow - Long</i>	 SAE 45°	10426 B-13  <i>Male - Rigid</i>	10826 B-13  <i>Female - Swivel</i>	17726 B-13  <i>Female - Swivel 45° Elbow</i>
17926 B-14  <i>Female - Swivel 90° Elbow</i>	 JIC 37°/ SAE 45° Dual Flare	16826 B-14  <i>Female - Swivel</i>	 Inverted Flare	12826 B-14  <i>Male - Swivel</i>	16726 B-15  <i>Male - Swivel 45° Elbow</i>
16926 B-15  <i>Male - Swivel 90° Elbow</i>	 Seal-Lok® (O-Ring Face Seal)	1JC26 B-15  <i>Female - Swivel Short</i>	1J726 B-16  <i>Female - Swivel 45° Elbow</i>	1J926 B-16  <i>Female - Swivel 90° Elbow - Short</i>	 Tube-O
1S526 B-16  <i>Male - Swivel Short Pilot</i>	1S526-PR B-17  <i>Male - Swivel Short Pilot</i>	15R26 B-17  <i>Male - Swivel 45° Elbow - Short Pilot</i>	15K26 B-17  <i>Male - Swivel 90° Elbow - Short Pilot</i>	15K26-PB B-17  <i>Male - Swivel 90° Elbow - Short Pilot</i>	15K26-PR B-18  <i>Male - Swivel 90° Elbow - Short Pilot</i>
14526-PR B-18  <i>Male - Swivel Long Pilot</i>	14526-PT B-18  <i>Male - Swivel Long Pilot</i>	15M26-PR B-18  <i>Male - Swivel 90° Elbow - Long Pilot</i>	15M26-PT B-19  <i>Male - Swivel 90° Elbow - Long Pilot</i>	15G26 B-19  <i>Male - Rigid Internal - Long Pilot</i>	15G26-PR B-19  <i>Male - Rigid Internal - Long Pilot</i>
15S26 B-19  <i>Female - Swivel Short Pilot</i>	15H26 B-20  <i>Female - Swivel 45° Elbow - Short Pilot</i>	15T26 B-20  <i>Female - Swivel 90° Elbow - Short Pilot</i>	15926-PB B-20  <i>Female - Swivel Long Pilot</i>	15926-PT B-20  <i>Female - Swivel Long Pilot</i>	15N26-PB B-21  <i>Female - Swivel 45° Elbow - Long Pilot</i>
15N26-PT B-21  <i>Female - Swivel 45° Elbow - Long Pilot</i>	15L26 B-21  <i>Female - Swivel 90° Elbow - Long Pilot</i>	15L26-PB B-21  <i>Female - Swivel 90° Elbow - Long Pilot</i>	15L26-PR B-22  <i>Female - Swivel 90° Elbow - Long Pilot</i>	15L26-PT B-22  <i>Female - Swivel 90° Elbow - Long Pilot</i>	15P26-PT B-22  <i>Male - Swivel 45° Elbow - Long Pilot</i>

Hose
A

Fittings
26 Series
B

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C

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D

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E


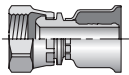

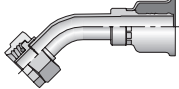
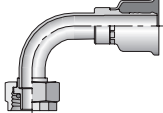
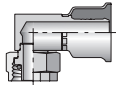
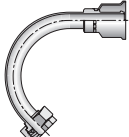
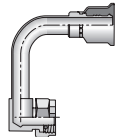

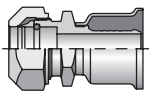
Hose
A

Fittings
26 Series
B

Equipment
C



Accessories
D

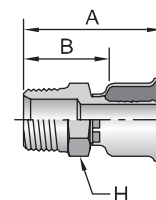
Technical
E

 <p>Air Brake Jounce Line</p>	<p>17B26 B-22</p>  <p><i>Female - Swivel</i></p>	 <p>Compressor</p>	<p>15V26 B-23</p>  <p><i>Female - Swivel 45° Elbow</i></p>	<p>15W26 B-23</p>  <p><i>Female - Swivel 90° Elbow</i></p>	<p>15Z26 B-23</p>  <p><i>Female - Swivel 90° Elbow - Block Type</i></p>
<p>1RV26 B-23</p>  <p><i>Female - Swivel 135° Elbow</i></p>	<p>1RZ26 B-24</p>  <p><i>Female - Swivel 180° Elbow</i></p>	 <p>Refrigerant Tube Mender</p>	<p>1T126 B-24</p>  <p><i>Male (w/Nut & Ferrule)</i></p>	<p>1T126 B-25</p> <p><i>Fitting Assembly Instructions</i></p>	

10126




Male NPTF Pipe - Rigid

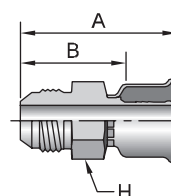
# Part Number	 Thread inch	 Hose I.D. inch	A		H		B		Additional Material Brass (B)
			inch	mm	inch	mm	inch	mm	
10126-2-4	1/8x27	3/16	1.65	42	7/16	0.78	0.78	20	
10126-4-4	1/4x18	3/16	1.88	48	9/16	1.01	1.01	26	
10126-4-5	1/4x18	1/4	1.88	48	9/16	1.01	1.01	26	
10126-4-6	1/4x18	5/16	1.88	48	3/4	1.02	1.02	26	•
10126-6-6	3/8x18	5/16	1.89	48	11/16	1.03	1.03	26	•
10126-6-8	3/8x18	13/32	1.89	48	11/16	1.03	1.03	26	•
10126-8-8	1/2x14	13/32	2.14	54	7/8	1.28	1.28	33	•
10126-8-10	1/2x14	1/2	2.25	57	7/8	1.30	1.30	33	•
10126-12-12	3/4x14	5/8	2.31	59	1-1/16	1.37	1.37	35	•
10126-16-16	1x11-1/2	7/8	2.61	66	1-3/8	1.57	1.57	40	
10126-20-20	1-1/4x11-1/2	1-1/8	2.83	72	1-3/4	1.77	1.77	45	
10126-24-24	1-1/2x11-1/2	1-3/8	3.01	76	2	1.93	1.93	49	
10126-32-32	2x11-1/2	1-13/16	3.44	87	2-1/2	2.18	2.18	55	



10326

Male JIC 37° - Rigid

# Part Number	 Thread inch		 Hose I.D. inch	A		 H		B		Additional Material Brass (B)
			inch	mm	inch	mm	inch	mm		
10326-4-4	1/4	7/16x20	3/16	2.02	50	1/2	1.15	1.15	29	●
10326-6-6	3/8	9/16x18	5/16	2.12	54	3/4	1.26	1.26	32	●
10326-8-8	1/2	3/4X16	13/32	1.94	49	13/16	1.08	1.08	27	●
10326-10-10	5/8	7/8X14	1/2	2.49	64	15/16	1.54	1.54	39	●
10326-16-16	1	1-5/16x12	7/8	2.79	71	1-3/8	1.75	1.75	44	



Hose
A

Fittings
26 Series
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Equipment
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Accessories
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Technical
E

Hose
A

Fittings
26 Series
B

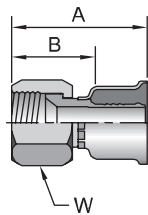
Equipment
C

Accessories
D

Technical
E

10626

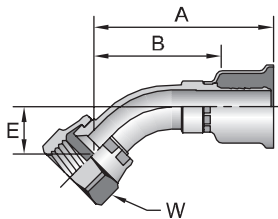
Female JIC 37° - Swivel



# Part Number	Thread inch	Hose I.D. inch	A inch mm		W inch	B inch mm		Additional Material Brass (B)
10626-6-6	3/8 9/16x18	5/16	1.81	45	11/16	0.95	23	•
10626-6-8	3/8 9/16x18	13/32	1.67	52	11/16	1.19	30	•
10626-12-12	3/4 1-1/16x12	5/8	2.29	58	1-1/4	1.35	34	•
10626-16-16	1 1-5/16x12	7/8	2.53	64	1-1/2	1.49	38	•
10626-20-20	1-1/4 1-5/8x12	1-1/8	2.56	65	2	1.50	38	•
10626-24-24	1-1/2 1-7/8x12	1-3/8	2.77	70	2-1/4	1.69	43	
10626-32-32	2 2-1/2x12	1-13/16	3.30	84	2-7/8	2.04	52	

13726

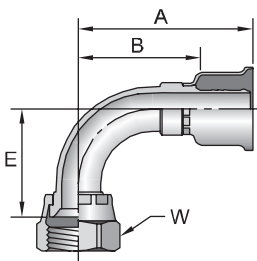
Female JIC 37° - Swivel - 45° Elbow - Short Drop



# Part Number	Thread inch	Hose I.D. inch	A inch mm		E inch mm		W inch	B inch mm	
13726-4-4	1/4 7/16x20	3/16	2.01	51	0.39	10	9/16	1.14	29
13726-6-6	3/8 9/16x18	5/16	2.72	69	0.43	11	11/16	1.86	47
13726-8-8	1/2 3/4x16	13/32	2.82	72	0.55	14	7/8	1.96	50
13726-10-10	5/8 7/8x14	1/2	2.96	75	0.63	16	1	2.01	51
13726-12-12	3/4 1-1/16x12	5/8	3.44	87	0.83	21	1-1/4	2.50	63
13726-16-16	1 1-5/16x12	7/8	3.34	85	0.90	23	1-1/2	2.30	58
13726-20-20	1-1/4 1-5/8x12	1-1/8	3.74	95	1.18	30	2	2.68	68
13726-24-24	1-1/2 1-7/8x12	1-3/8	3.92	100	1.16	29	2-1/4	2.84	72

13926




Female JIC 37° - Swivel - 90° Elbow - Short Drop

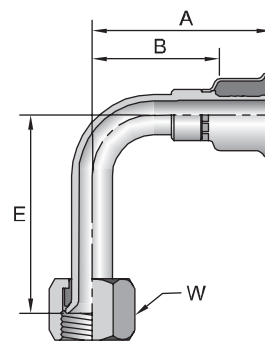


# Part Number	Thread inch	Hose I.D. inch	A inch mm		E inch mm		W inch	B inch mm	
13926-4-4	1/4 7/16x20	3/16	1.82	46	0.83	21	9/16	0.95	24
13926-6-6	3/8 9/16x18	5/16	2.15	55	0.91	23	11/16	1.29	33
13926-8-8	1/2 3/4x16	13/32	2.22	56	1.09	28	7/8	1.36	35
13926-10-10	5/8 7/8x14	1/2	2.23	57	1.26	32	1	1.28	33
13926-10-12	5/8 7/8x14	5/8	2.52	64	1.23	31	1	1.58	40
13926-12-12	3/4 1-1/16x12	5/8	2.28	58	1.82	46	1-1/4	1.30	34
13926-16-16	1 1-5/16x12	7/8	3.30	84	2.14	54	1-1/2	2.26	57
13926-20-20	1-1/4 1-5/8x12	1-1/8	3.60	91	2.57	65	2	2.53	65
13926-24-24	1-1/2 1-7/8x12	1-3/8	3.92	100	2.82	72	2-1/4	2.84	72

14126




Female JIC 37° - Swivel - 90° Elbow - Long Drop

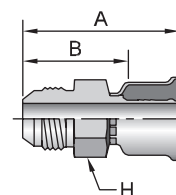
# Part Number	 Thread		 Hose I.D.	A		E		 W	B	
	inch		inch	inch	mm	inch	mm	inch	inch	mm
14126-4-4	1/4	7/16x20	1/4	2.05	52	1.81	46	9/16	1.18	30
14126-6-6	3/8	9/16x18	5/16	2.02	51	2.13	54	11/16	1.16	29
14126-8-8	1/2	3/4X16	13/32	2.35	60	2.43	62	7/8	1.49	38
14126-10-10	5/8	7/8x14	1/2	2.11	54	2.76	70	1	1.16	29
14126-16-16	1	1-5/16x12	7/8	3.17	81	4.33	110	1-1/2	2.13	54



10426




Male SAE 45° - Rigid

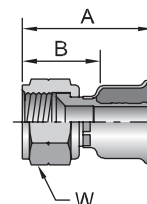
# Part Number	 Thread inch	 Hose I.D. inch	A		 H inch	B	
			inch	mm		inch	mm
10426-4-4	1/4 7/16x20	3/16	1.97	50	1/2	1.18	28
10426-6-6	3/8 5/8x18	5/16	2.04	52	11/16	1.18	30



10826




Female SAE 45° - Swivel

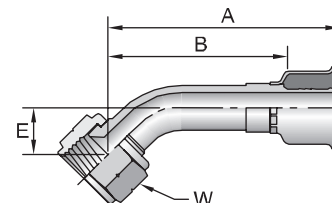
# Part Number	 Thread inch		 Hose I.D. inch	A inch mm		 W inch	B inch mm		Additional Material Brass (B)
10826-6-6	3/8	5/8x18	5/16	1.84	47	3/4	0.98	25	●
10826-10-8	5/8	7/8x14	13/32	2.21	56	1	1.35	34	
10826-10-10	5/8	7/8x14	1/2	2.13	54	1	1.18	30	
10826-12-12	3/4	1-1/16x14	5/8	2.19	56	1-1/4	1.25	32	●



17726

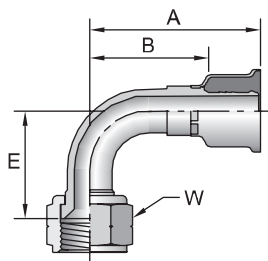
Female SAE 45° - Swivel - 45° Elbow

#										
Part Number	Thread		Hose I.D.	A		E		W	B	
	inch		inch	inch	mm	inch	mm	inch	inch	mm
17726-4-4	1/4	7/16x20	3/16	2.29	58	0.39	10	9/16	1.43	36
17726-6-6	3/8	5/8x18	5/16	2.72	69	0.43	11	11/16	1.86	47
17726-8-8	1/2	3/4x16	13/32	2.82	72	0.59	14	7/8	1.96	50
17726-10-10	5/8	7/8x14	1/2	2.96	75	0.63	16	1	2.01	51
17726-12-12	3/4	1-1/16x14	5/8	3.43	87	0.83	21	1-1/4	2.49	63



Notch on nut signifies SAE 45° flare fitting.

Hose
A



17926

Female SAE 45° - Swivel - 90° Elbow

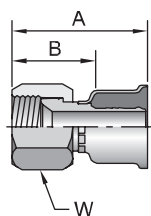
# Part Number	Thread inch	Hose I.D. inch	A inch mm		E inch mm		W inch	B inch mm	
17926-4-4	1/4 7/16x20	3/16	1.75	44	0.83	21	9/16	0.89	23
17926-6-6	3/8 5/8x18	5/16	2.15	55	0.91	23	3/4	1.29	33
17926-8-8	1/2 3/4x16	13/32	2.31	58.7	1.00	25.4	7/8	1.45	37
17926-10-10	5/8 7/8x14	1/2	2.23	57	1.26	32	1	1.28	33
17926-12-12	3/4 1-1/16x14	5/8	2.28	58	1.82	46	1-1/4	1.34	34

Notch on nut signifies 45° flare fitting.

Fittings
26 Series
B

16826

Female JIC 37° / SAE 45° - Dual Flare - Swivel

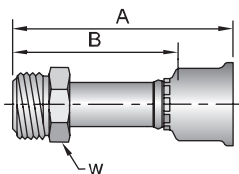


# Part Number	Thread inch	Hose I.D. inch	A inch mm		W inch	B inch mm		Additional Material Brass (B)
16826-4-4	1/4 7/16x20	3/16	1.67	42	9/16	0.80	20	•
16826-4-5	1/4 7/16x20	1/4	1.55	48	9/16	1.03	26	
16826-4-6	1/4 7/16x20	5/16	1.55	39	9/16	0.07	17	
16826-5-5	5/16 1/2x20	1/4	1.77	45	5/8	0.90	23	
16826-8-6	1/2 3/4x16	5/16	1.76	56	7/8	1.34	34	
16826-8-8	1/2 3/4x16	13/32	1.91	49	7/8	1.05	27	
16826-8-10	1/2 3/4x16	1/2	1.92	60	7/8	1.41	36	•
16826-10-10	5/8 7/8x14	1/2	2.17	55	1	1.23	31	•
16826-10-12	5/8 7/8x14	5/8	1.96	61	1	1.53	37	

Equipment
C

12826

Male Inverted SAE 45° - Swivel



# Part Number	Thread inch	Hose I.D. inch	A inch mm		W inch	B inch mm	
12826-4-4	1/4 7/16x24	3/16	2.43	62	7/16	1.56	40
12826-5-5	5/16 1/2x20	1/4	2.56	65	1/2	1.69	43
12826-6-6	3/8 5/8x18	5/16	2.87	73	5/8	2.01	51
12826-8-8	1/2 3/4x18	13/32	3.00	76	3/4	2.14	54
12826-10-10	5/8 7/8x18	1/2	3.17	81	7/8	2.22	56

Accessories
D

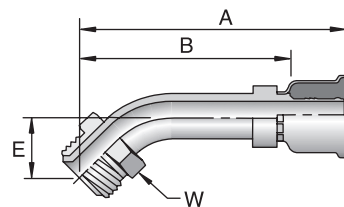
Technical
E

See Accessories Section for O-Rings and Flange Kits.

16726

Male Inverted SAE 45° - Swivel - 45° Elbow

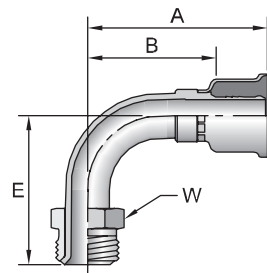
#											
Part Number	Thread		Hose I.D.	A		E		W		B	
	inch		inch	inch	mm	inch	mm	inch	mm	inch	mm
16726-4-4	1/4	7/16x24	3/16	2.20	56	0.63	16	7/16	1.33	34	
16726-5-5	5/16	1/2x20	1/4	2.30	58	0.70	18	1/2	1.43	36	
16726-6-6	3/8	5/8x18	5/16	2.55	65	0.87	22	5/8	1.69	43	
16726-8-8	1/2	3/4x18	13/32	2.60	66	1.09	28	3/4	1.74	44	



16926

Male Inverted SAE 45° - Swivel - 90° Elbow

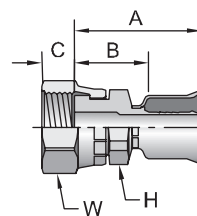
#											
Part Number	Thread		Hose I.D.	A		E		W		B	
	inch		inch	inch	mm	inch	mm	inch	mm	inch	mm
16926-4-4	1/4	7/16x24	3/16	2.27	58	1.56	40	7/16	1.40	36	
16926-6-6	3/8	5/8x18	5/16	1.89	48	1.48	38	5/8	1.03	26	
16926-8-8	1/2	3/4x18	13/32	2.25	57	1.88	48	3/4	1.39	35	
16926-10-10	5/8	7/8x18	1/2	2.70	69	2.17	55	7/8	1.75	44	



1JC26

Female Seal-Lok® - Swivel - Short

#											
Part Number	Thread		Hose I.D.	A		C		H		W	
	inch		inch	inch	mm	inch	mm	inch	mm	inch	mm
1JC26-4-4	1/4	9/16x18	3/16	1.66	42	0.31	8	9/16	11/16	0.79	20
1JC26-6-6	3/8	11/16x16	5/16	1.70	43	0.34	9	11/16	13/16	0.84	21
1JC26-8-8	1/2	13/16x16	13/32	1.76	45	0.43	11	13/16	15/16	0.90	23
1JC26-12-12	3/4	1-3/16x12	5/8	2.13	54	0.55	14	1-1/8	1-3/8	1.19	30
1JC26-16-16	1	1-7/16x12	7/8	2.39	61	0.56	14	1-3/8	1-5/8	1.35	34
1JC26-20-20	1-1/4	1-11/16x12	1-1/8	2.45	62	0.59	15	1-7/8	1-7/8	1.39	35



When measuring overall length to the end of the nut, B + C must be used to calculate cut-off allowance.
See Accessories Section for O-Rings.

Hose
A

Fittings
26 Series
B

Equipment
C

Accessories
D

Technical
E

Hose
A

Fittings
26 Series
B

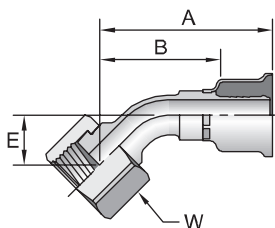
Equipment
C

Accessories
D

Technical
E

1J726

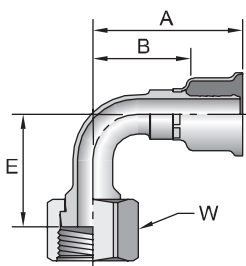
Female Seal-Lok® - Swivel - 45° Elbow



# Part Number	Thread inch	Hose I.D. inch	A inch mm		E inch mm		W inch	B inch mm	
1J726-4-4	1/4	9/16x18	3/16	1.99 51	0.39	10	11/16	1.12	28
1J726-6-6	3/8	1-1/16x16	5/16	2.43 62	0.43	11	13/16	1.57	40
1J726-8-8	1/2	13/16x16	13/32	2.77 70	0.59	15	15/16	1.91	49
1J726-10-10	5/8	1x14	1/2	3.26 83	0.63	16	1-1/8	2.31	59
1J726-12-12	3/4	1-3/16x12	5/8	3.13 80	0.83	21	1-3/8	2.19	56
1J726-16-16	1	1-7/16x12	7/8	3.61 92	0.94	24	1-5/8	2.57	65
1J726-20-20	1-1/4	1-11/16x12	1-1/8	3.93 100	1.00	25	1-7/8	2.87	73

1J926

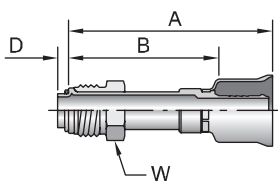
Female Seal-Lok® - Swivel - 90° Elbow - Short Drop



# Part Number	Thread inch	Hose I.D. inch	A inch mm		E inch mm		W inch	B inch mm	
1J926-4-4	1/4	9/16x18	3/16	1.80 46	0.83	21	11/16	0.93	24
1J926-6-6	3/8	1-1/16x16	5/16	1.86 47	0.91	23	13/16	1.00	25
1J926-8-8	1/2	13/16X16	13/32	2.14 54	1.14	29	15/16	1.28	33
1J926-10-10	5/8	1x14	1/2	2.53 64	1.26	32	1-1/8	1.58	40
1J926-12-12	3/4	1-3/16x12	5/8	2.51 64	1.89	48	1-3/8	1.57	40
1J926-16-16	1	1-7/16X12	7/8	3.56 90	2.21	56	1-5/8	2.52	64
1J926-20-20	1-1/4	1-11/16X12	1-1/8	4.05 103	2.51	64	1-7/8	2.99	76

1S526

Male Tube-O - Swivel - Short Pilot



# Part Number	Thread inch	Hose I.D. inch	A inch mm		D inch mm		W inch	B inch mm	
1S526-6-6	3/8	5/8x18	5/16	2.54 65	0.18	4,7	5/8	1.68	43
1S526-7-6	11/16	11/16x16	5/16	2.57 65	0.18	4,7	5/8	1.71	43
1S526-8-8	1/2	3/4x18	13/32	2.68 68	0.18	4,7	3/4	1.82	46
1S526-10-10	5/8	7/8x18	1/2	3.46 88	0.18	4,7	7/8	2.51	64
1S526-10-12	5/8	7/8x18	5/8	3.63 92	0.18	4,7	7/8	2.69	68
1S526-12-12	3/4	1-1/16x16	5/8	4.00 102	0.18	4,7	1-1/16	3.06	78

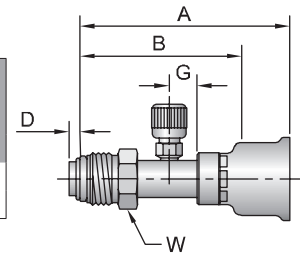
When measuring overall length to the end of the nut, B+D must be used to calculate cut-off allowance.

See Accessories Section for O-Rings.

1S526-PR

Male Tube-O - Swivel - Short Pilot
with Charge Port for R12

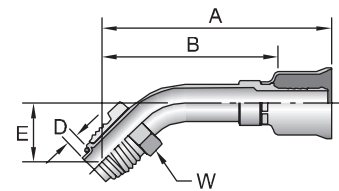
# Part Number	Thread inch	Hose I.D. inch	A		D		G		W	B	
			inch	mm	inch	mm	inch	mm	inch	inch	mm
1S526-10-10-PR	5/8 7/8x18	1/2	3.52	89	0.18	4,7	0.47	12	7/8	2.57	65
1S526-10-12-PR	5/8 7/8x18	5/8	3.68	93	0.18	4,7	0.47	12	7/8	2.74	70



15R26

Male Tube-O - Swivel - 45° Elbow - Short Pilot

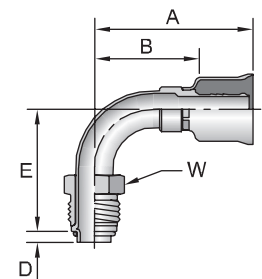
# Part Number	Thread inch	Hose I.D. inch	A		D		E		W	B	
			inch	mm	inch	mm	inch	mm	inch	inch	mm
15R26-6-6	3/8 5/8x18	5/16	2.52	64	0.18	4,7	0.85	22	5/8	1.66	42
15R26-8-8	1/2 3/4x18	13/32	2.53	64	0.18	4,7	1.05	27	3/4	1.67	42
15R26-10-10	5/8 7/8x18	1/2	2.99	76	0.18	4,7	1.25	32	7/8	2.04	52
15R26-10-12	5/8 7/8x18	5/8	3.16	80	0.18	4,7	1.25	32	7/8	2.22	56



15K26

Male Tube-O - Swivel - 90° Elbow - Short Pilot

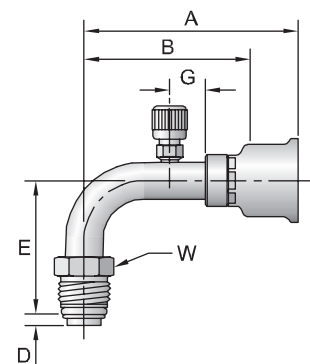
# Part Number	Thread inch	Hose I.D. inch	A		D		E		W	B	
			inch	mm	inch	mm	inch	mm	inch	inch	mm
15K26-6-6	3/8 5/8x18	5/16	2.06	52	0.18	4,7	1.76	45	5/8	1.19	30
15K26-7-6	7/16 11/16x16	5/16	2.21	56	0.18	4,7	1.76	44	11/16	1.35	34
15K26-8-8	1/2 3/4x18	13/32	2.06	52	0.18	4,7	1.74	44	3/4	1.20	30
15K26-10-10	5/8 7/8x18	1/2	2.34	59	0.18	4,7	2.20	56	7/8	1.39	35
15K26-10-12	5/8 7/8x18	5/8	2.51	64	0.18	4,7	2.20	56	7/8	1.57	40



15K26-PB

Male Tube-O - Swivel - 90° Elbow - Short Pilot
with High Pressure Charge Port for R134a

# Part Number	Thread inch	Hose I.D. inch	A		D		E		G	W	B	
			inch	mm	inch	mm	inch	mm	inch	inch	inch	mm
15K26-8-8-PB	1/2 3/4x18	13/32	2.70	69	0.18	4,6	1.74	44	0.60	15	3/4	1.88



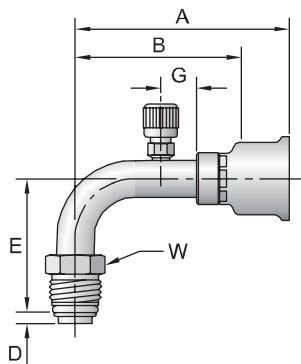
Hose
A

Fittings
26 Series
B

Equipment
C

Accessories
D

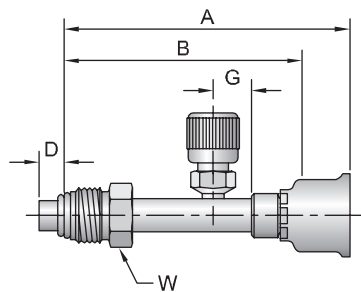
Technical
E



15K26-PR

Male Tube-O - Swivel - 90° Elbow - Short Pilot
with Charge Port for R12

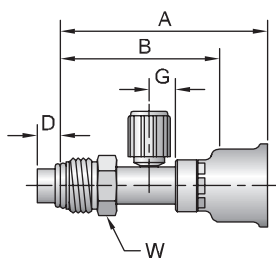
# Part Number	Thread inch	Hose I.D. inch	A inch mm	D inch mm	E inch mm	G inch mm	W inch	B inch mm
15K26-10-10-PR	5/8 7/8x18	1/2	3.14 80	0.18 4,7	2.25 57	0.60 15	7/8	2.19 56
15K26-10-12-PR	5/8 7/8x18	5/8	3.43 87	0.18 4,7	2.22 56	0.60 15	7/8	2.49 63



14526-PR

Male Tube-O - Swivel - Long Pilot With
Charge Port for R12

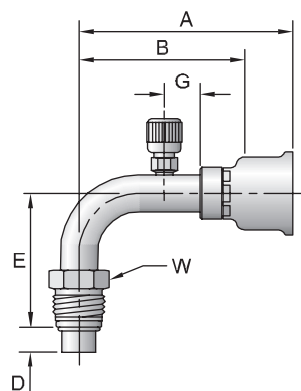
# Part Number	Thread inch	Hose I.D. inch	A inch mm	D inch mm	G inch mm	W inch	B inch mm
14526-6-6-PR	3/8 5/8x18	5/16	3.25 83	0.28 7,1	0.50 13	5/8	2.40 61



14526-PT

Male Tube-O - Swivel - Long Pilot With
Charge Port for R134a

# Part Number	Thread inch	Hose I.D. inch	A inch mm	D inch mm	G inch mm	W inch	B inch mm
14526-10-12-PT	5/8 7/8x18	5/8	3.45 88	0.38 9,8	0.44 11	7/8	2.51 64



15M26-PR

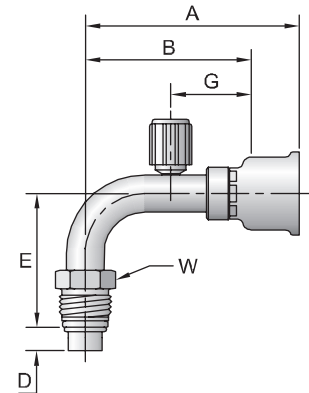
Male Tube-O - Swivel - 90° Elbow - Long Pilot With
Charge Port for R12

# Part Number	Thread inch	Hose I.D. inch	A inch mm	D inch mm	E inch mm	G inch mm	W inch	B inch mm
15M26-6-6-PR	3/8 5/8x18	5/16	2.48 63	0.28 7,1	1.58 40	0.50 13	5/8	1.62 41

15M26-PT

Male Tube-O - Swivel - 90° Elbow - Long Pilot With
Charge Port for R134a

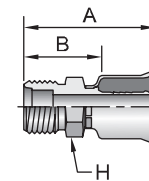
# Part Number	Thread inch	Hose I.D. inch	A		D		E		G		W	B	
			inch	mm	inch	mm	inch	mm	inch	mm	inch	inch	mm
15M26-10-12-PT	5/8 7/8x18	5/8	3.25	83	0.38	9.8	2.25	57	0.60	15	7/8	2.31	59



15G26

Male Tube-O - Rigid - Internal Long Pilot (3-Step)

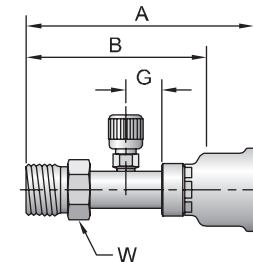
# Part Number	Thread inch	Hose I.D. inch	A		H	B	
			inch	mm	inch	inch	mm
15G26-6-6	3/8 5/8x18	3/8	1.78	45	0.625	0.92	23
15G26-8-8	1/2 3/4x16	13/32	1.95	50	3/4	1.09	28
15G26-10-10	5/8 7/8x14	1/2	4.05	103	7/8	3.10	79
15G26-10-12	5/8 7/8x14	5/8	2.19	56	0.875	1.25	32



15G26-PR

Male Tube-O - Rigid - Internal Long Pilot (3-Step)
With Charge Port for R12

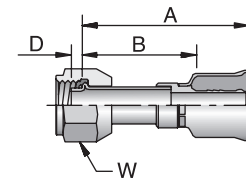
# Part Number	Thread inch	Hose I.D. inch	A		G		W	B	
			inch	mm	inch	mm	inch	inch	mm
15G26-10-12-PR	5/8 7/8x14	5/8	4.27	108	0.60	15	7/8	3.33	85



15S26

Female Tube-O - Swivel - Short Pilot

# Part Number	Thread inch	Hose I.D. inch	A		D		W	B	
			inch	mm	inch	mm	inch	inch	mm
15S26-6-6	3/8 5/8x18	5/16	2.54	65	0.18	4.7	3/4	1.68	43
15S26-8-8	1/2 3/4x16	13/32	2.68	68	0.18	4.7	7/8	1.82	46
15S26-10-10	5/8 7/8x14	1/2	2.84	72	0.18	4.7	1-1/16	1.89	48
15S26-10-12	5/8 7/8x14	5/8	3.63	92	0.18	4.7	1-1/16	2.69	68
15S26-12-12	3/4 1-1/16x14	5/8	4.00	102	0.18	4.7	1-1/4	3.06	78



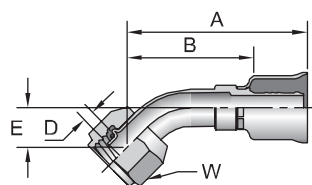
Hose
A

Fittings
26 Series
B

Equipment
C

Accessories
D

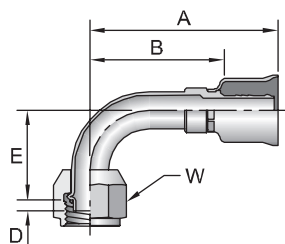
Technical
E



15H26

Female Tube-O - Swivel 45° Elbow - Short Pilot

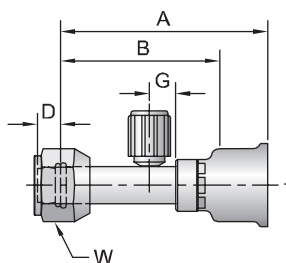
#	Thread	Hose I.D.	A	D	E	W	B
Part Number	inch	inch	inch mm	inch mm	inch mm	inch	inch mm
15H26-6-6	3/8 5/8x18	5/16	2.35 60	0.18 4,7	0.54 14	3/4	1.49 38
15H26-8-8	1/2 3/4x16	13/32	2.48 63	0.18 4,7	0.60 15	7/8	1.62 41
15H26-10-10	5/8 7/8x14	1/2	3.23 82	0.18 4,7	0.67 17	1 1/16	2.28 58
15H26-10-12	5/8 7/8x14	3/4	3.43 87	0.18 4,7	0.67 17	1-1/16	2.46 62



15T26

Female Tube-O - Swivel - 90° Elbow - Short Pilot

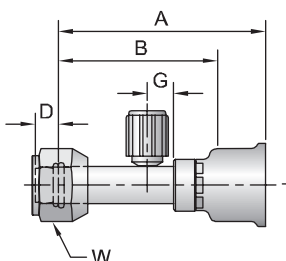
#	Thread	Hose I.D.	A	D	E	W	B
Part Number	inch	inch	inch mm	inch mm	inch mm	inch	inch mm
15T26-6-6	3/8 5/8x18	5/16	1.89 48	0.18 4,7	1.15 29	3/4	1.03 26
15T26-8-8	1/2 3/4x16	13/32	2.34 59	0.18 4,7	1.46 37	7/8	1.48 38
15T26-10-10	5/8 7/8x14	1/2	2.08 53	0.18 4,7	1.75 44	1-1/16	1.08 27
15T26-10-12	5/8 7/8x14	5/8	2.20 56	0.18 4,7	1.53 39	1-1/16	1.26 32
15T26-12-12	3/4 1-1/16x14	5/8	2.63 67	0.18 4,7	1.75 44	1-1/4	1.69 43



15926-PB

Female Tube-O - Swivel - Long Pilot
With High Pressure Charge Port for R134a

#	Thread	Hose I.D.	A	D	G	W	B
Part Number	inch	inch	inch mm	inch mm	inch mm	inch	inch mm
15926-6-6-PB	3/8 5/8x18	5/16	3.25 83	0.28 7,1	0.75 19	3/4	2.39 61
15926-8-8-PB	1/2 3/4x16	13/32	2.74 70	0.38 9,8	0.50 13	7/8	1.88 48



15926-PT

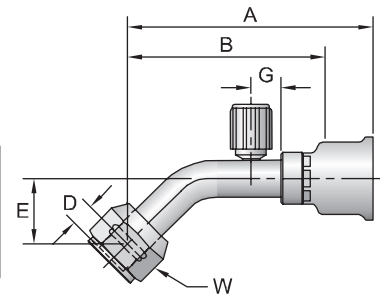
Female Tube-O - Swivel - Long Pilot
With Low Pressure Charge Port for R134a

#	Thread	Hose I.D.	A	D	G	W	B
Part Number	inch	inch	inch mm	inch mm	inch mm	inch	inch mm
15926-10-12-PT	5/8 7/8x14	5/8	3.47 88	0.38 9,8	0.60 15	1-1/16	2.53 64

15N26-PB

Female Tube-O - Swivel - 45° Elbow - Long Pilot
With High Pressure Charge Port for R134a

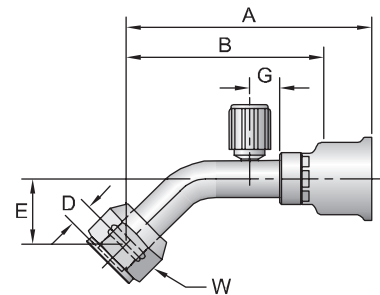
# Part Number	Thread inch	Hose I.D. inch	A		D		E		G		W	B	
			inch	mm	inch	mm	inch	mm	inch	mm	inch	inch	mm
15N26-8-8-PB	1/2 3/4x16	13/32	3.67	93	0.38	9,8	0.90	23	0.60	15	7/8	2.81	72



15N26-PT

Female Tube-O - Swivel - 45° Elbow - Long Pilot
With Low Pressure Charge Port for R134a

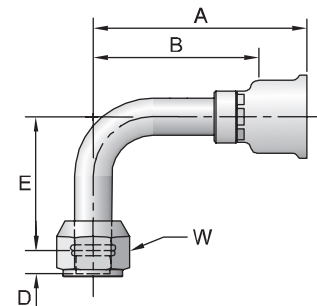
# Part Number	Thread inch	Hose I.D. inch	A		D		E		G		W	B	
			inch	mm	inch	mm	inch	mm	inch	mm	inch	inch	mm
15N26-10-12-PT	5/8 7/8x14	5/8	3.92	100	0.38	9,8	1.21	31	0.60	15	1-1/16	2.98	76



15L26

Female Tube-O - Swivel - 90° Elbow - Long Pilot

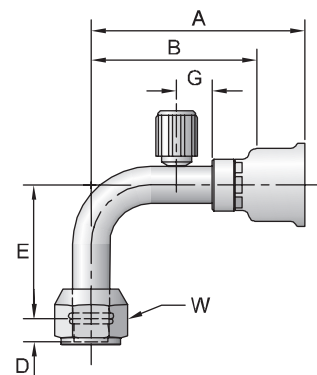
# Part Number	Thread inch	Hose I.D. inch	A		D		E		G		W	B	
			inch	mm	inch	mm	inch	mm	inch	mm	inch	inch	mm
15L26-8-8	1/2 3/4x14	13/32	2.14	54	0.38	9,8	1.46	37	7/8	1.28	33		



15L26-PB

Female Tube-O - Swivel - 90° Elbow - Long Pilot
With High Pressure Charge Port for R134a

# Part Number	Thread inch	Hose I.D. inch	A		D		E		G		W	B	
			inch	mm	inch	mm	inch	mm	inch	mm	inch	inch	mm
15L26-6-6-PB	3/8 5/8x18	5/16	2.50	64	0.28	7,1	1.22	31	0.50	13	3/4	1.64	42
15L26-8-8-PB	1/2 3/4x16	13/32	2.80	71	0.38	9,8	1.46	37	0.60	15	7/8	1.94	49
15L26-10-12-PB	5/8 7/8x14	5/8	2.80	71	0.38	9,8	1.46	37	0.60	15	1-1/16	1.94	49



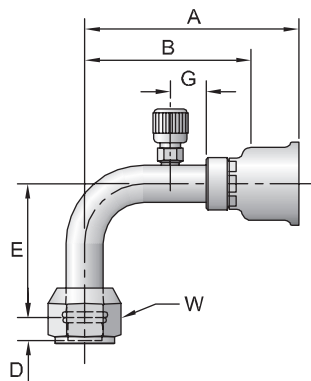
Hose
A

Fittings
26 Series
B

Equipment
C

Accessories
D

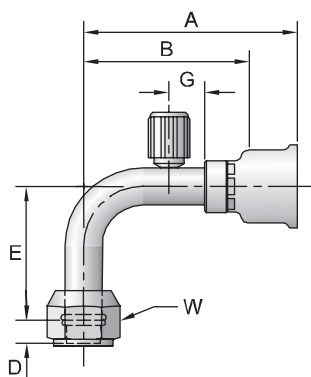
Technical
E



15L26-PR

Female Tube-O - Swivel - 90° Elbow - Long Pilot
With Charge Port for R12

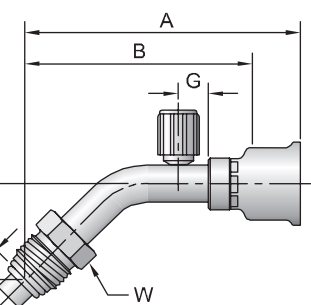
# Part Number	Thread inch	Hose I.D. inch	A inch	A mm	D inch	D mm	E inch	E mm	G inch	G mm	W inch	B inch	B mm
15L26-8-8-PR	1/2 3/4x16	13/32	2.79	71	0.38	9,8	1.46	37	0.60	15	7/8	1.93	49
15L26-10-10-PR	5/8 7/8x14	1/2	3.59	91	0.38	9,8	2.25	57	0.60	15	1-1/16	2.64	67
15L26-10-12-PR	5/8 7/8x14	5/8	3.25	83	0.38	9,8	2.25	57	0.60	15	1-1/16	2.31	59



15L26-PT

Female Tube-O - Swivel - 90° Elbow - Long Pilot
With Low Pressure Charge Port for R134a

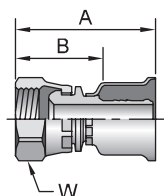
# Part Number	Thread inch	Hose I.D. inch	A inch	A mm	D inch	D mm	E inch	E mm	G inch	G mm	W inch	B inch	B mm
15L26-10-10-PT	5/8 7/8X14	1/2	2.95	75	0.38	9,8	2.25	57	0.60	15	1-1/16	2.00	51
15L26-10-12-PT	5/8 7/8x14	5/8	3.25	83	0.38	9,8	2.25	57	0.60	15	1-1/16	2.31	59
15L26-12-12-PT	3/4 1-1/16x14	5/8	3.58	91	0.38	9,8	2.66	68	0.60	15	1-1/4	2.64	67



15P26-PT

Male Tube-O - Swivel - 45° Elbow - Long Pilot With
Low Pressure Charge Port for R134a

# Part Number	Thread inch	Hose I.D. inch	A inch	A mm	D inch	D mm	E inch	E mm	G inch	G mm	W inch	B inch	B mm
15P26-10-12-PT	5/8 7/8x18	5/8	3.81	97	0.38	9,8	1.21	31	0.60	15	7/8	2.87	73



17B26

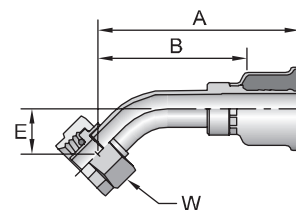
Female Air Brake Jounce Line - Swivel

# Part Number	Thread inch	Hose inch	A inch	A mm	W inch	B inch	B mm
17B26-8-6BA	1/2 3/4x20	5/16	1.75	44	11/16	0.89	23
17B26-8-8BA	1/2 3/4x20	13/32	1.75	44	11/16	0.89	23

15V26

Female Compressor - Swivel - 45° Elbow

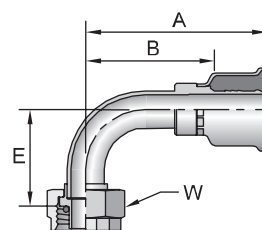
#	Thread	Hose I.D.	A		E		W	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
15V26-12-8	1x14	13/32	2.72	69	0.75	19	1-1/8	1.86	47
15V26-12-12	1x14	5/8	3.39	86	0.76	19	1-1/8	2.45	62



15W26

Female Compressor - Swivel - 90° Elbow

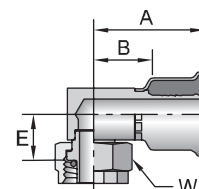
#	Thread	Hose I.D.	A		E		W	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
15W26-12-8	1x14	13/32	2.24	57	1.25	32	1.125	1.38	35
15W26-12-12	1x14	5/8	3.04	77	1.63	41	1.125	2.10	53



15Z26

Female Compressor - Swivel - 90° Elbow - Block Type

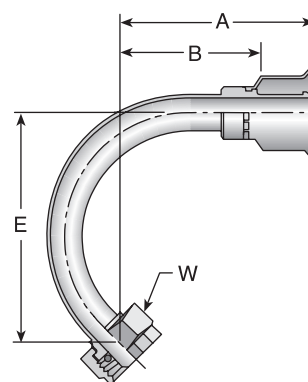
#	Thread	Hose I.D.	A		E		W	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
15Z26-12-8	1X14	0.40625	1.79	45	0.80	20	1.125	0.93	24
15Z26-12-12	1X14	0.625	1.87	47	0.80	20	1.125	0.93	24



1RV26

Female Compressor - Swivel - 135° Elbow

#	Hose I.D.	A		E		W	B	
Part Number	inch	inch	mm	inch	mm	inch	inch	mm
1RV26-12-8	13/32	3.24	82	3.21	82	1-1/8	2.38	60
1RV26-12-12	5/8	2.32	59	3.21	82	1-1/8	1.38	35



Hose
A

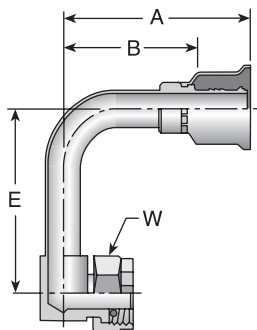
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1RZ26

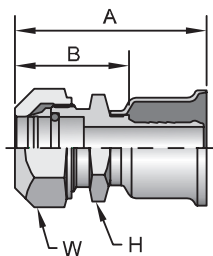
Female Compressor - Swivel - 180° Elbow - Block Type RZ

# Part Number	Thread inch	Hose I.D. inch	A		E		W	B	
			inch	mm	inch	mm	inch	inch	mm
1RZ26-12-12	1x14	5/8	2.98	76	3.13	80	1-1/8	2.04	52

Fittings
26 Series
B

1T126

Male Refrigerant Tube Mender
(with Nut and Ferrule)



# Part Number	Thread inch		Hose I.D. inch	A		H	B	
				inch	mm	inch	inch	mm
1T126-6-6	3/8	5/8x18	5/16	1.96	50	11/16	1.10	28
1T126-8-8	1/2	3/4x16	13/32	2.07	53	13/16	1.21	31
1T126-10-10	5/8	7/8x14	1/2	2.28	58	15/16	1.33	34
1T126-10-12	5/8	7/8x14	5/8	2.27	58	15/16	1.33	34
1T126-12-12	3/4	1-16x14	5/8	2.33	59	1-1/8	1.39	35

1T126 Assembly instructions on page B-25.

Equipment
C

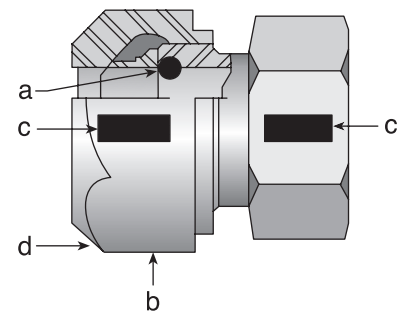
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1T126

Fitting Installation Instructions

1. Cut the tube off squarely next to the hose fitting. At least 7/8" straight length is required and the outside diameter of the tube should be smooth and free from deep lengthwise scratches.
2. To prevent cutting the inside of the O-Ring, smoothly chamfer the outside diameter of the cut end 15° to 30°. Deburr the inside diameter.
3. Remove the nut, compression sleeve, and O-Ring from the fitting and lubricate the O-Ring with a lubricant that is compatible with the refrigerant used in the system.
4. Place the lubricated O-Ring in the counterbore of the fitting.
5. Slip the compression sleeve, small end, into the nut and assemble the nut on the fitting fingertight. Make sure the compression sleeve is not cocked in the nut. Back the nut off 1/6 to 1/3 turn (one to two hex flats).
6. Insert the chamfered tube end through the nut into the fitting. If high resistance is felt when the end of the tube contacts the O-Ring, remove the tube. The end of the tube may require a large chamfer and/or the O-Ring may require more lubrication on the inside diameter. Repeat the previous steps.
7. (a) Make sure the tube is bottomed in the fitting
(b) Tighten the nut finger tight
(c) Mark the fitting and nut hex indicating the starting point (see illustration) and
(d) Wrench tighten the nut 1 to 1-1/6 turns (6 to 7 hex flats).
8. Later, if it is ever necessary to loosen the connection, re-assemble the nut 1/6 turn (one hex flat) after finger tight.



IF YOU HAVE QUESTIONS CONCERNING THE PRODUCTS
OR APPLICATION OF THE PRODUCTS CONTAINED IN THIS
CATALOG, PLEASE CALL:
PARKER HOSE PRODUCTS DIVISION
TECHNICAL SERVICES DEPARTMENT
PHONE: 440 / 943-5700
FAX: 440 / 943-3129
<http://www.parkerhose.com>

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<div>NPTF Pipe</div>	10143 B-29	11343 B-29	11L43 B-30	10243 B-30	1S243 B-31
	<div>Male - Rigid</div>	<div>Male - Swivel</div>	<div>Male - Swivel 90° Elbow</div>	<div>Female - Rigid</div>	<div>Female - Swivel</div>
<div>NPSM Pipe</div>	10743 B-30	<div>Straight Thread O-Ring</div>	10543 B-31	10G43 B-31	10L43 B-32
	<div>Female - Swivel</div>		<div>Male - Rigid</div>	<div>Male - Swivel</div>	<div>Male - Swivel 90° Elbow</div>
<div>JIC 37°</div>	10343 B-32	1LB43 B-33	10643 B-33	13743 B-34	1L743 B-34
	<div>Male - Rigid</div>	<div>Male - Bulkhead</div>	<div>Female - Swivel</div>	<div>Female - Swivel 45° Elbow - Short</div>	<div>Female - Swivel 45° Elbow - Medium</div>
13943 B-35	1L943 B-35	14143 B-36	14V43 B-36	<div>SAE 45°</div>	10443 B-36
<div>Female - Swivel 90° Elbow - Short</div>	<div>Female - Swivel 90° Elbow - Medium</div>	<div>Female - Swivel 90° Elbow - Long</div>	<div>Female - Swivel 150° Elbow</div>		<div>Male - Rigid</div>
10843 B-36	17743 B-37	17943 B-37	<div>Flareless</div>	11143 B-37	11243 B-38
<div>Female - Swivel</div>	<div>Female - Swivel 45° Elbow</div>	<div>Female - Swivel 90° Elbow</div>		<div>Male - Rigid</div>	<div>Female - Swivel</div>
1GJ43 B-38	<div>Inverted Flare</div>	12843 B-38	16743 B-39	16943 B-39	<div>Code 61 Flange</div>
<div>Female - Rigid</div>		<div>Male - Swivel</div>	<div>Male - Swivel 45° Elbow</div>	<div>Male - Swivel 90° Elbow</div>	
11543 B-39	11643 B-40	12643 B-40	11743 B-40	12743 B-41	11843 B-41
<div>Flange Head</div>	<div>22-1/2° Elbow</div>	<div>30° Elbow</div>	<div>45° Elbow</div>	<div>60° Elbow</div>	<div>67-1/2° Elbow</div>
11943 B-41	<div>Seal-Lok® (O-Ring Face Seal)</div>	1J043 B-42	1JB43 B-42	1JC43 B-43	1JS43 B-44
<div>90° Elbow</div>		<div>Male - Rigid w/O-Ring</div>	<div>Male - Bulkhead w/O-Ring</div>	<div>Female - Swivel Short</div>	<div>Female - Swivel Long</div>

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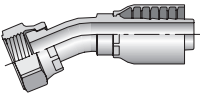
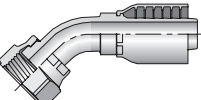
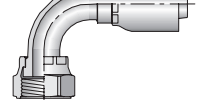
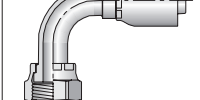
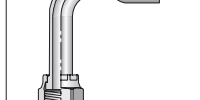
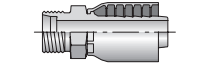
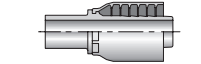
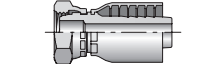


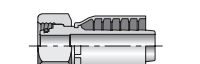
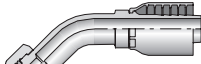


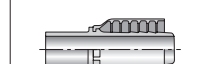
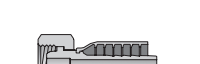

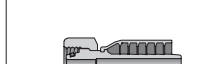

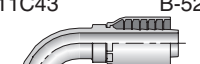




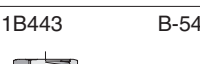

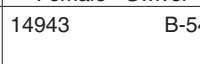




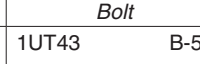


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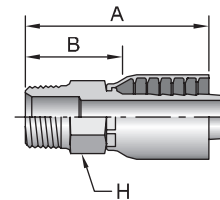
1J643 B-44  Female - Swivel 22-1/2° Elbow	1J743 B-45  Female - Swivel 45° Elbow	1J943 B-46  Female - Swivel 90° Elbow - Short	1J543 B-46  Female - Swivel 90° Elbow - Medium	1J143 B-47  Female - Swivel 90° Elbow - Long	DIN "L" Series
1D043 B-47  Male - Rigid	11D43 B-48  Male Standpipe Rigid	1C343 B-48  Female - Swivel	1C443 B-48  Female - Swivel 45° Elbow	1C543 B-49  Female - Swivel 90° Elbow	DIN "L" Series w/O-Ring
1CA43 B-49  Female - Swivel	1CE43 B-49  Female - Swivel 45° Elbow	1CF43 B-50  Female - Swivel 90° Elbow	DIN "S" Series	1D243 B-50  Male - Rigid	13D43 B-50  Male Standpipe Rigid
1C643 B-51  Female - Swivel	DIN 60° Cone	1C043 B-51  Female - Swivel	DIN "S" Series w/O-Ring	1C943 B-51  Female - Swivel	10C43 B-52  Female - Swivel 45° Elbow
11C43 B-52  Female - Swivel 90° Elbow	BSP	1D943 B-52  Male - Rigid	19243 B-53  Female - Swivel	1B143 B-53  Female - Swivel 45° Elbow	1B243 B-53  Female - Swivel 90° Elbow
1B443 B-54  Female - Swivel 90° Elbow - Block Type	1B543 B-54  Female - Swivel Flat Seat	Banjo	14943 B-54  Metric Banjo	AM B-54  Bolt	BSP 30° Flare
1MU43 B-55  Female - Swivel	1XU43 B-55  Female - Swivel	1FU43 B-55  Female - Swivel	BSP 60° Cone	1UT43 B-56  Male - Rigid	1GU43 B-56  Female - Swivel
French Gaz	1F443 B-56  Female - Swivel				

10143

Male NPTF Pipe - Rigid

# Part Number	Thread inch	Hose I.D. inch	A		H inch	B		Additional Material Stainless Steel (C)
			inch	mm		inch	mm	
10143-2-4	1/8x27	1/4	1.80	46	9/16	1.05	27	
10143-4-4	1/4x18	1/4	2.01	51	9/16	1.26	32	•
10143-4-5	1/4x18	5/16	1.94	49	11/16	1.19	30	
10143-4-6	1/4x18	3/8	2.28	58	3/4	1.25	32	
10143-6-4	3/8x18	1/4	1.86	47	11/16	1.11	28	
10143-6-5	3/8x18	5/16	1.94	49	11/16	1.19	30	
10143-6-6	3/8x18	3/8	2.37	60	3/4	1.34	34	•
10143-6-8	3/8x18	1/2	2.59	66	7/8	1.33	34	
10143-6-10	3/8x18	5/8	2.61	66	15/16	1.17	30	
10143-8-4	1/2x14	1/4	2.13	54	7/8	1.38	35	
10143-8-6	1/2x14	3/8	2.39	61	7/8	1.36	35	
10143-8-8	1/2x14	1/2	2.84	72	7/8	1.58	40	•
10143-8-10	1/2x14	5/8	3.04	77	15/16	1.59	40	
10143-8-12	1/2x14	3/4	3.04	77	1-1/16	1.60	41	
10143-12-8	3/4x14	1/2	2.68	68	1-1/16	1.42	36	
10143-12-10	3/4x14	5/8	2.87	73	1-1/16	1.43	36	
10143-12-12	3/4x14	3/4	3.09	78	1-1/16	1.65	42	•
10143-12-16	3/4x14	1	3.40	86	1-3/8	1.78	45	
10143-16-12	1x11-1/2	3/4	3.09	78	1-3/8	1.65	42	
10143-16-16	1x11-1/2	1	2.59	66	1-3/8	1.97	50	•
10143-20-20	1-1/4x11-1/2	1-1/4	4.08	104	1-3/4	2.39	61	•
10143-24-24	1-1/2x11-1/2	1-1/2	3.50	89	2	2.13	54	
10143-32-32	2x11-1/2	2	4.05	103	2-1/2	2.27	58	

Stainless steel fittings must be assembled with Karrykrimp 2, PHastkrimp, Superkrimp or Parkrimp 2. See CrimpSource for more information.



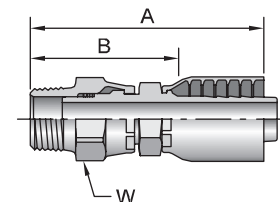
11343

Male NPTF Pipe - Swivel

# Part Number	Thread inch	Hose I.D. inch	A		W inch	B	
			inch	mm		inch	mm
11343-2-4	1/8x27	1/4	2.94	75	5/8	2.19	56
11343-4-4	1/4x18	1/4	2.68	68	5/8	1.93	49
11343-4-6	1/4x18	3/8	3.01	76	5/8	1.98	50
11343-6-4	3/8x18	1/4	2.81	71	3/4	2.06	52
11343-6-6	3/8x18	3/8	3.08	78	3/4	2.05	52
11343-6-8	3/8x18	1/2	3.30	84	3/4	2.04	52
11343-8-6	1/2x14	3/8	3.30	84	7/8	2.27	58
11343-8-8	1/2x14	1/2	3.52	89	7/8	2.26	57
11343-12-12	3/4x14	3/4	3.93	100	1-1/4	2.49	63
11343-16-16	1x11-1/2	1	4.52	115	1-1/2	2.90	74

O-Ring not compatible with Phosphate Ester fluids.

Fitting allows minor movement under pressure to relieve stress on hose but is not to be used on continuous or extensive swiveling.



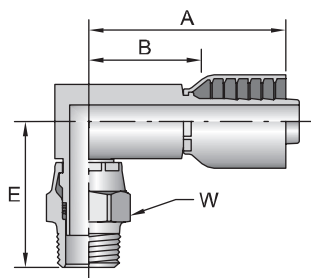
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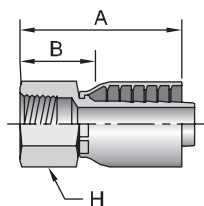
11L43

Male NPTF Pipe - Swivel - 90° Elbow

# Part Number	Thread inch	Hose I.D. inch	A		E		W	B	
			inch	mm	inch	mm	inch	inch	mm
11L43-4-4	1/4x18	1/4	2.23	57	1.79	45	5/8	1.48	38
11L43-4-6	1/4x18	3/8	2.53	64	1.85	47	5/8	1.50	38
11L43-6-6	3/8x18	3/8	2.53	64	1.94	49	3/4	1.50	38
11L43-8-6	1/2x14	3/8	2.66	68	2.17	55	7/8	1.63	41
11L43-8-8	1/2x14	1/2	2.96	75	2.17	55	7/8	1.70	43
11L43-12-12	3/4x14	3/4	3.32	84	2.46	62	1-1/4	1.88	48

O-Ring not compatible with Phosphate Ester fluids.

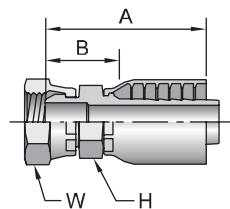
Fitting allows minor movement under pressure to relieve stress on hose but is not to be used on continuous or extensive swiveling.



10243

Female NPTF Pipe - Rigid

# Part Number	Thread inch	Hose I.D. inch	A		H	B	
			inch	mm	inch	inch	mm
10243-2-4	1/8x27	1/4	1.68	43	5/8	0.93	24
10243-4-4	1/4x18	1/4	1.78	45	11/16	1.03	26
10243-4-6	1/4x18	3/8	2.05	52	3/4	1.02	26
10243-6-4	3/8x18	1/4	2.05	52	7/8	1.30	33
10243-6-6	3/8x18	3/8	2.32	59	7/8	1.29	33
10243-8-6	1/2x14	3/8	2.40	61	1-1/8	1.37	35
10243-8-8	1/2x14	1/2	2.62	67	1-1/8	1.36	35
10243-12-12	3/4x14	3/4	2.72	69	1-1/4	1.28	33



10743

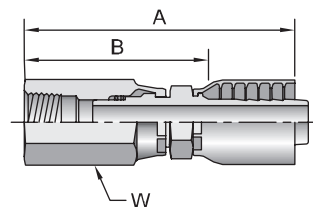
Female NPSM Pipe - Swivel - (60° Cone)

# Part Number	Thread inch	Hose I.D. inch	A		H	W	B	
			inch	mm	inch	inch	inch	mm
10743-2-4	1/8x27	1/4	1.69	43	9/16	9/16	0.94	24
10743-4-4	1/4x18	1/4	1.74	44	9/16	11/16	0.99	25
10743-6-6	3/8x18	3/8	2.09	53	11/16	7/8	1.06	27
10743-8-8	1/2x14	1/2	2.32	59	15/16	1	1.06	27
10743-12-12	3/4x14	3/4	2.70	69	1-1/16	1-1/4	1.47	37
10743-16-16	1x11-1/2	1	3.09	78	1-3/8	1-1/2	1.47	37
10743-20-20	1-1/4x11-1/2	1-1/4	3.28	83	1-7/8	1-7/8	1.59	40

1S243

Female NPTF Pipe - Swivel

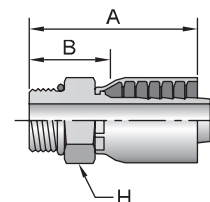
# Part Number	Thread inch	Hose I.D. inch	A		W	B	
			inch	mm	inch	inch	mm
1S243-4-4	1/4x18	1/4	3.33	85	3/4	2.58	66



10543

Male SAE Straight Thread with O-Ring - Rigid

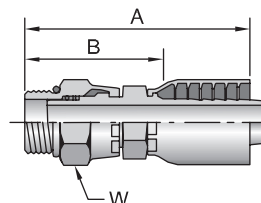
# Part Number	Thread inch		Hose I.D. inch	A		H	B	
			inch	inch	mm	inch	inch	mm
10543-4-4	1/4	7/16x20	1/4	1.64	42	9/16	0.89	23
10543-5-4	5/16	1/2x20	1/4	1.80	46	5/8	1.05	27
10543-6-4	3/8	9/16x18	1/4	1.67	42	11/16	0.92	23
10543-6-6	3/8	9/16x18	3/8	2.10	53	11/16	1.07	27
10543-6-8	3/8	9/16x18	1/2	2.32	59	13/16	1.06	27
10543-8-6	1/2	3/4x16	3/8	2.11	54	7/8	1.08	27
10543-8-8	1/2	3/4x16	1/2	2.46	62	7/8	1.20	30
10543-10-6	5/8	7/8x14	3/8	2.13	54	1	1.10	28
10543-10-8	5/8	7/8x14	1/2	2.35	60	1	1.09	28
10543-10-10	5/8	7/8x14	5/8	2.77	70	1	1.33	34
10543-12-8	3/4	1-1/16x12	1/2	2.61	66	1-1/4	1.35	34
10543-12-10	3/4	1-1/16x12	5/8	2.80	71	1-1/4	1.36	35
10543-12-12	3/4	1-1/16x12	3/4	2.81	71	1-1/4	1.37	35
10543-16-12	1	1-5/16x12	3/4	2.81	71	1-1/2	1.37	35
10543-16-16	1	1-5/16x12	1	3.37	86	1-1/2	1.75	44
10543-20-20	1-1/4	1-5/8x12	1-1/4	3.69	94	1-7/8	2.00	51



10G43

Male SAE Straight Thread with O-Ring - Swivel

# Part Number	Thread inch		Hose I.D. inch	A		W	B	
			inch	inch	mm	inch	inch	mm
10G43-5-4	5/16	1/2x20	1/4	2.98	76	3/4	2.23	57
10G43-6-4	3/8	9/16x18	1/4	2.98	76	3/4	2.23	57
10G43-6-6	3/8	9/16x18	3/8	3.25	83	3/4	2.22	56
10G43-8-6	1/2	3/4x16	3/8	3.06	78	7/8	2.06	52
10G43-8-8	1/2	3/4x16	1/2	3.21	82	7/8	1.95	50
10G43-10-6	5/8	7/8x14	3/8	3.01	76	1	2.01	51
10G43-10-8	5/8	7/8x14	1/2	3.27	83	1	2.01	51
10G43-12-12	3/4	1-1/16x12	3/4	3.78	96	1-1/4	2.34	59

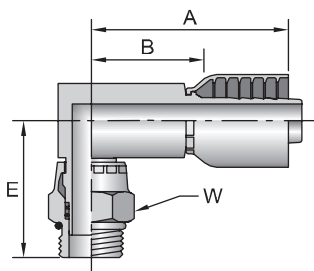


O-Ring not compatible with Phosphate Ester fluids.

Fitting allows minor movement under pressure to relieve stress on hose but is not to be used on continuous or extensive swiveling.

10L43

Male SAE Straight Thread with O-Ring - Swivel - 90° Elbow



# Part Number	Thread inch	Hose I.D. inch	A inch mm		E inch mm		W inch	B inch mm	
10L43-6-6	3/8	9/16x18	3/8	2.53 64	2.10	53	3/4	1.50	38
10L43-8-6	1/2	3/4x16	3/8	2.66 68	1.86	47	7/8	1.63	41
10L43-8-8	1/2	3/4x16	1/2	2.96 75	1.87	47	7/8	1.70	43
10L43-10-8	5/8	7/8x14	1/2	2.96 75	1.92	49	1	1.70	43
10L43-12-12	3/4	1-1/16x12	3/4	3.22 82	2.30	58	1-1/4	1.88	48

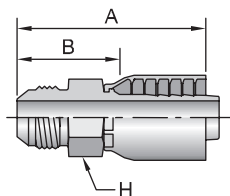
O-Ring not compatible with Phosphate Ester fluids.

See Technical Section for pressure limitations.

Fitting allows minor movement under pressure to relieve stress on hose but is not to be used on continuous or extensive swiveling.

10343

Male JIC 37° - Rigid



# Part Number	Thread inch	Hose I.D. inch	A inch mm		H inch	B inch mm	
10343-4-4	1/4	7/16x20	1/4	1.99 51	9/16	1.24	31
10343-5-4	5/16	1/2x20	1/4	1.83 46	9/16	1.08	27
10343-5-6	5/16	1/2x20	3/8	2.26 57	3/4	1.23	31
10343-6-4	3/8	9/16x18	1/4	1.84 47	11/16	1.09	28
10343-6-6	3/8	9/16x18	3/8	2.36 60	3/4	1.33	34
10343-8-6	1/2	3/4x16	3/8	2.30 58	7/8	1.27	32
10343-8-8	1/2	3/4x16	1/2	2.68 68	7/8	1.42	36
10343-8-10	1/2	3/4x16	5/8	2.85 72	7/8	1.41	36
10343-10-6	5/8	7/8x14	3/8	2.40 61	15/16	1.37	35
10343-10-8	5/8	7/8x14	1/2	2.62 67	15/16	1.36	35
10343-10-10	5/8	7/8x14	5/8	3.03 77	15/16	1.59	40
10343-12-8	3/4	1-1/16x12	1/2	2.76 70	1-1/8	1.50	38
10343-12-10	3/4	1-1/16x12	5/8	3.07 78	1-1/8	1.63	41
10343-12-12	3/4	1-1/16x12	3/4	3.19 81	1-1/8	1.75	44
10343-14-12	7/8	1-3/16x12	3/4	3.11 79	1-1/4	1.67	42
10343-16-12	1	1-5/16x12	3/4	3.04 77	1-3/8	1.60	41
10343-16-16	1	1-5/16x12	1	3.63 92	1-3/8	2.01	51
10343-20-20	1-1/4	1-5/8x12	1-1/4	3.96 101	1-7/8	2.27	58
10343-24-20^	1-1/2	1-7/8x12	1-1/4	3.71 94	2	2.02	51

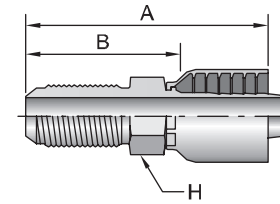
^Must be assembled with Die Part No. 83C-A20H in a Superkrimp or Parkrimp 2.

1LB43

Male JIC 37° - Bulkhead without Locknut

# Part Number	Thread inch		Hose I.D. inch	A		H inch	B	
				inch	mm		inch	mm
1LB43-4-4	1/4	7/16x20	1/4	2.64	67	9/16	1.89	48
1LB43-6-6	3/8	9/16x18	3/8	3.08	78	3/4	2.05	52
1LB43-8-8	1/2	3/4x16	1/2	3.46	88	7/8	2.20	56
1LB43-10-10	5/8	7/8x14	5/8	3.85	98	15/16	2.41	61
1LB43-12-12	3/4	1-1/16x12	3/4	4.08	104	1-1/8	2.64	67

Fittings are stocked less locknut (part no. WLN). Locknuts are manufactured by the Parker Tube Fittings Division and must be ordered separately.

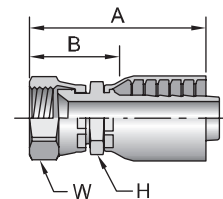


10643

Female JIC 37° - Swivel

# Part Number	Thread inch		Hose I.D. inch	A		H inch	W inch	B		Additional Material Stainless Steel (C)
				inch	mm			inch	mm	
10643-4-4	1/4	7/16x20	1/4	1.94	49	9/16	9/16	1.19	30	•
10643-4-6	1/4	7/16x20	3/8	2.20	56	11/16	9/16	1.17	30	
10643-5-4	5/16	1/2x20	1/4	2.03	52	9/16	5/8	1.28	33	
10643-5-5	5/16	1/2x20	5/16	2.08	53	11/16	5/8	1.33	34	
10643-5-6	5/16	1/2x20	3/8	2.26	57	11/16	5/8	1.23	31	
10643-6-4	3/8	9/16x18	1/4	2.05	52	9/16	11/16	1.30	33	
10643-6-5	3/8	9/16x18	5/16	2.10	53	11/16	11/16	1.35	34	
10643-6-6	3/8	9/16x18	3/8	2.29	58	11/16	11/16	1.26	32	•
10643-6-8	3/8	9/16x18	1/2	2.51	64	13/16	11/16	1.25	32	
10643-8-6	1/2	3/4x16	3/8	2.49	63	11/16	7/8	1.46	37	•
10643-8-8	1/2	3/4x16	1/2	2.63	67	13/16	7/8	1.37	35	•
10643-8-10	1/2	3/4x16	5/8	2.82	72	15/16	7/8	1.38	35	
10643-8-12	1/2	3/4x16	3/4	2.83	72	1-1/16	7/8	1.39	35	
10643-10-6	5/8	7/8x14	3/8	2.51	64	7/8	1	1.48	38	
10643-10-8	5/8	7/8x14	1/2	2.85	72	7/8	1	1.59	40	
10643-10-10	5/8	7/8x14	5/8	2.93	74	15/16	1	1.49	38	•
10643-10-12	5/8	7/8x14	3/4	2.93	74	1-1/16	1	1.49	38	
10643-12-8	3/4	1-1/16x12	1/2	2.78	71	1-1/16	1-1/4	1.52	39	
10643-12-10	3/4	1-1/16x12	5/8	3.10	79	1-1/16	1-1/4	1.66	42	
10643-12-12	3/4	1-1/16x12	3/4	3.17	81	1-1/16	1-1/4	1.73	44	•
10643-12-16	3/4	1-1/16x12	1	3.29	84	1-3/8	1-1/4	1.67	42	
10643-14-12	7/8	1-3/16x12	3/4	3.18	81	1-1/4	1-3/8	1.74	44	
10643-16-12	1	1-5/16x12	3/4	3.31	84	1-1/4	1-1/2	1.87	47	
10643-16-16	1	1-5/16x12	1	3.62	92	1-3/8	1-1/2	2.00	51	•
10643-20-16	1-1/4	1-5/8x12	1	3.81	97	1-5/8	2	2.19	56	
10643-20-20	1-1/4	1-5/8x12	1-1/4	3.94	100	1-7/8	2	2.25	57	•
10643-24-24	1-1/2	1-7/8x12	1-1/2	3.84	98	2-1/8	2-1/4	2.47	63	
10643-32-32	2	2-1/2x12	2	4.73	120	2-1/2	2-7/8	2.95	75	

Stainless steel fittings must be assembled with Karrykrimp 2, PHastkrimp, Superkrimp or Parkrimp 2. See CrimpSource for more information.



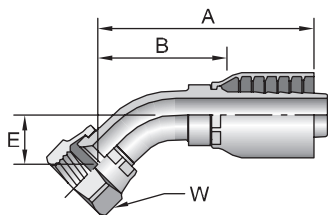
Hose
A

Fittings
43 Series
B

Equipment
C

Accessories
D

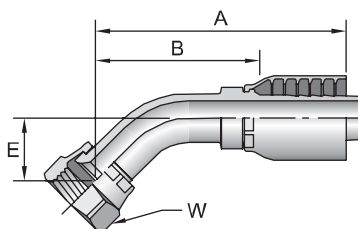
Technical
E



13743

Female JIC 37° - Swivel - 45° Elbow - Short Drop

# Part Number	Thread inch	Hose I.D. inch	A inch mm		E inch mm		W inch	B inch mm	
13743-4-4	1/4 7/16x20	1/4	1.96	50	0.39	10	9/16	1.21	31
13743-5-4	5/16 1/2x20	1/4	2.19	56	0.39	10	5/8	1.44	37
13743-6-4	3/8 9/16x18	1/4	2.23	57	0.39	10	11/16	1.48	38
13743-6-6	3/8 9/16x18	3/8	2.39	61	0.39	10	11/16	1.39	35
13743-8-6	1/2 3/4x16	3/8	2.74	70	0.55	14	7/8	1.74	44
13743-8-8	1/2 3/4x16	1/2	2.83	72	0.55	14	7/8	1.57	40
13743-10-8	5/8 7/8x14	1/2	2.93	74	0.63	16	1	1.67	42
13743-10-10	5/8 7/8x14	5/8	3.17	81	0.63	16	1	1.73	44
13743-12-10	3/4 1-1/16x12	5/8	3.62	92	0.83	21	1-1/4	2.08	53
13743-12-12	3/4 1-1/16x12	3/4	3.63	92	0.78	20	1-1/4	2.19	56
13743-16-16	1 1-5/16x12	1	4.34	110	0.95	24	1-1/2	2.72	69
13743-20-20	1-1/4 1-5/8x12	1-1/4	4.59	117	1.19	30	2	2.82	72
13743-24-24	1-1/2 1-7/8x12	1-1/2	5.50	140	1.47	37	2-1/4	4.18	106






1L743

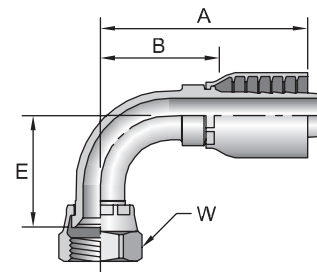
Female JIC 37° - Swivel - 45° Elbow - Medium Drop

# Part Number	Thread inch	Hose I.D. inch	A inch mm		E inch mm		W inch	B inch mm	
1L743-6-6	3/8 9/16x18	3/8	2.66	62	0.59	15	11/16	1.63	41
1L743-8-8	1/2 3/4x16	1/2	3.17	80	0.72	18	7/8	1.91	49
1L743-12-12	3/4 1-1/16x12	3/4	4.23	107	1.06	27	1-1/4	2.79	71
1L743-16-16	1 1-5/16x12	1	4.51	115	1.07	27	1-1/2	2.89	73

13943




Female JIC 37° - Swivel - 90° Elbow - Short Drop

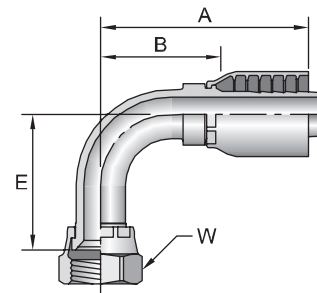
#				A		E			B	
Part Number	Thread inch		Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
13943-4-4	1/4	7/16x20	1/4	1.78	45	0.83	21	9/16	1.03	26
13943-4-6	1/4	7/16x20	3/8	2.11	54	0.83	21	9/16	1.08	27
13943-5-4	5/16	1/2x20	1/4	1.88	48	0.83	21	5/8	1.13	29
13943-5-5	5/16	1/2x20	5/16	1.96	50	0.83	21	5/8	1.21	31
13943-6-4	3/8	9/16x18	1/4	2.12	54	0.85	22	11/16	1.37	35
13943-6-6	3/8	9/16x18	3/8	2.21	56	0.91	23	11/16	1.18	30
13943-6-8	3/8	9/16x18	1/2	2.51	64	0.85	22	11/16	1.25	32
13943-8-6	1/2	3/4x16	3/8	2.52	64	1.09	28	7/8	1.49	38
13943-8-8	1/2	3/4x16	1/2	2.62	67	1.14	29	7/8	1.36	35
13943-10-8	5/8	7/8x14	1/2	2.74	70	1.26	32	1	1.48	38
13943-10-10	5/8	7/8x14	5/8	2.97	75	1.26	32	1	1.69	39
13943-12-8	3/4	1-1/16x12	1/2	3.25	83	1.83	46	1-1/4	1.99	51
13943-12-10	3/4	1-1/16x12	5/8	3.07	78	1.89	48	1-1/4	1.63	41
13943-12-12	3/4	1-1/16x12	3/4	3.49	89	1.89	48	1-1/4	2.05	52
13943-16-12	1	1-5/16x12	3/4	3.49	89	2.00	51	1-1/2	2.05	52
13943-16-16	1	1-5/16x12	1	4.28	109	2.20	56	1-1/2	2.66	68
13943-20-20	1-1/4	1-5/8x12	1-1/4	4.43	113	2.59	66	2	2.74	70
13943-24-24	1-1/2	1-7/8x12	1-1/2	5.50	140	3.81	81	2-1/4	4.13	105



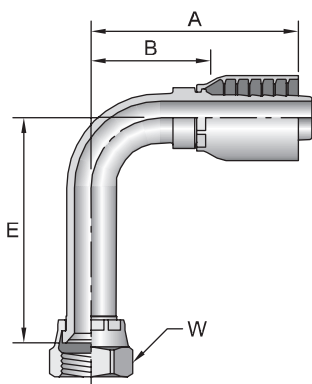
1L943

Female JIC 37° - Swivel - 90° Elbow - Medium Drop

# Part Number				A		E			B	
	Thread inch		Hose I.D. inch	inch	mm	inch	mm	W inch	inch	mm
1L943-4-4	1/4	7/16x20	1/4	1.84	47	0.88	22	9/16	1.09	28
1L943-6-4	3/8	9/16x18	1/4	2.12	54	1.50	38	11/16	1.37	35
1L943-6-6	3/8	9/16x18	3/8	2.29	58	1.12	28	11/16	1.26	32
1L943-8-6	1/2	3/4x16	3/8	2.51	64	1.38	35	7/8	1.48	38
1L943-8-8	1/2	3/4x16	1/2	2.64	67	1.38	35	7/8	1.38	35
1L943-10-8	5/8	7/8x14	1/2	3.25	83	1.75	44	1	1.99	51
1L943-12-12	3/4	1-1/16x12	3/4	3.49	89	2.28	58	1-1/4	2.05	52
1L943-16-16	1	1-5/16x12	1	4.44	113	2.50	64	1-1/2	2.82	72



Hose
A

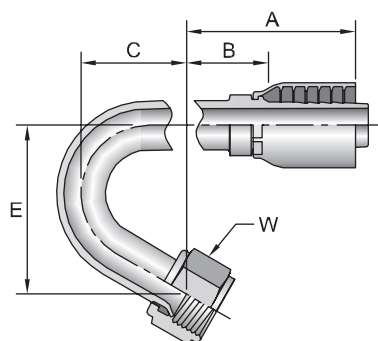


Fittings
43 Series
B

14143

Female JIC 37° - Swivel - 90° Elbow - Long Drop

#	Thread	Hose I.D.	A	E	W	B
Part Number	inch	inch	inch mm	inch mm	inch	inch mm
14143-4-4	1/4 7/16x20	1/4	1.96 50	1.81 46	9/16	1.21 31
14143-5-4	5/16 1/2x20	1/4	1.93 49	1.80 46	5/8	1.18 30
14143-6-6	3/8 9/16x18	3/8	2.27 58	2.18 55	11/16	1.27 32
14143-8-6	1/2 3/4x16	3/8	2.56 65	2.43 62	7/8	1.56 40
14143-8-8	1/2 3/4x16	1/2	2.62 67	2.52 64	7/8	1.36 35
14143-10-8	5/8 7/8x14	1/2	2.78 71	2.58 66	1	1.52 39
14143-10-10	5/8 7/8x14	5/8	3.16 80	2.58 66	1	1.75 44
14143-12-12	3/4 1-1/16x12	3/4	3.49 89	3.74 95	1-1/4	2.05 52
14143-14-12	7/8 1-3/16x12	3/4	3.38 86	3.93 100	1-3/8	1.95 50
14143-16-16	1 1-5/16x12	1	3.90 99	4.32 110	1-1/2	2.31 59
14143-20-20	1-1/4 1-5/8x12	1-1/4	4.39 112	5.28 134	2	2.73 69



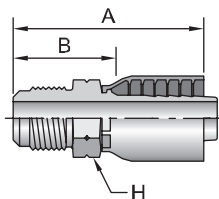
Equipment
C

14V43

Female JIC 37° - Swivel - 150° Elbow

#	Thread	Hose I.D.	A	C	E	W	B
Part Number	inch	inch	inch mm	inch mm	inch mm	inch	inch mm
14V43-6-4	3/8 9/16x18	1/4	2.89 73	1.36 34	1.97 50	11/16	2.16 55

Accessories
D

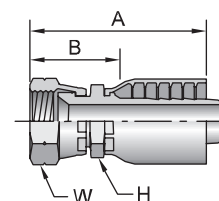


10443

Male SAE 45° - Rigid

#	Thread	Hose I.D.	A	H	B
Part Number	inch	inch	inch mm	inch	inch mm
10443-6-6	3/8 5/8x18	3/8	2.21 56	3/4	1.21 31
10443-12-12	3/4 1-1/16x14	3/4	3.20 81	1-1/8	1.77 45

Technical
E



10843




Female SAE 45° - Swivel

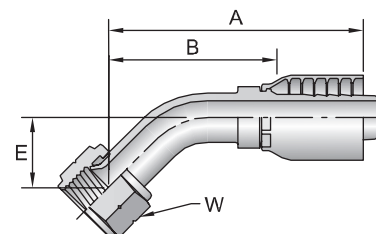
#	Thread	Hose I.D.	A	H	W	B
Part Number	inch	inch	inch mm	inch	inch	inch mm
10843-6-4	3/8 5/8x18	1/4	2.11 54	3/4	3/4	1.36 35
10843-6-6	3/8 5/8x18	3/8	2.38 60	3/4	3/4	1.35 34
10843-12-12	3/4 1-1/16x14	3/4	3.17 81	1-1/16	1-1/4	1.73 44

Notch on nut signifies SAE 45° flare.

17743




Female SAE 45° - Swivel - 45° Elbow

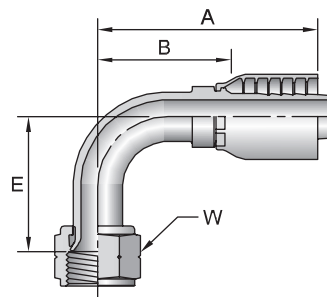
#			A		E			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	W inch	inch	mm
17743-4-6	1/4 7/16x20	3/8	2.28	58	0.33	8	9/16	1.25	32



17943



Female SAE 45° - Swivel - 90° Elbow

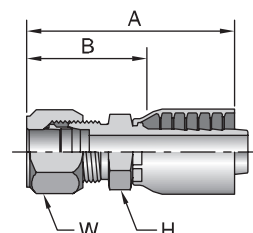
#				A		E			B	
Part Number	Thread inch		Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
17943-6-6	3/8	5/8x18	3/8	2.13	54	0.85	22	3/4	1.13	29



11143

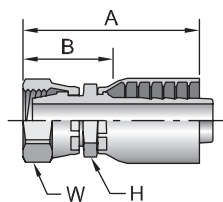
Male Ferulok Flareless - Rigid (24° Cone with Nut and Ferrule)

# Part Number				A		H	W	B	
	Thread inch		Hose I.D. inch	inch	mm	inch	inch	inch	mm
11143-4-4	1/4	7/16x20	1/4	2.13	54	9/16	9/16	1.40	36
11143-4-6	1/4	7/16x20	3/8	2.44	62	3/4	9/16	1.44	37
11143-5-4	5/16	1/2x20	1/4	2.13	54	9/16	5/8	1.40	36
11143-5-6	5/16	1/2x20	3/8	2.44	62	3/4	5/8	1.44	37
11143-6-6	3/8	9/16x18	3/8	2.50	64	3/4	11/16	1.50	38
11143-8-8	1/2	3/4x16	1/2	2.93	74	7/8	7/8	1.68	43
11143-10-8	5/8	7/8x14	1/2	3.07	78	15/16	1	1.82	46
11143-12-12	3/4	1-1/16x12	3/4	3.39	86	1-1/8	1-1/4	1.96	50
11143-16-16	1	1-5/16x12	1	3.80	97	1-3/8	1-1/2	2.18	55



The Parker Ferrul-Fix fitting makes it possible to salvage the bent tube section from a hose assembly for quick, easy on-the-job repairs. For additional information see Ferrule-Fix installation instructions in the Technical Section.

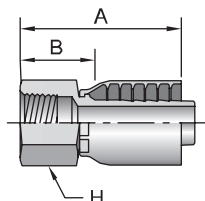
Notch on nut signifies SAE 45° flare.



11243

Female Ferulok Flareless - Swivel - (24° Cone)

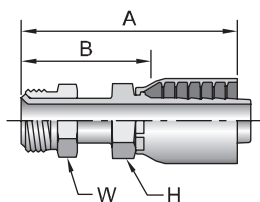
# Part Number	Thread inch	Hose I.D. inch	A inch mm		H inch	W inch	B inch mm	
11243-6-6	3/8 9/16x18	3/8	2.51	64	11/16	11/16	1.48	38
11243-8-6	1/2 3/4x16	3/8	2.67	68	7/8	7/8	1.64	42
11243-8-8	1/2 3/4x16	1/2	2.89	73	7/8	7/8	1.63	41



1GJ43

Female Grease Connection - SPL - PTF Taper Thread Rigid - 1/2 x 27

# Part Number	Thread inch	Hose I.D. inch	A inch mm		H inch	B inch mm	
1GJ43-4-4	1/2x27	1/4	1.79	45	3/4	1.04	26
1GJ43-4-6	1/2x27	3/8	2.05	52	3/4	1.02	26






12843

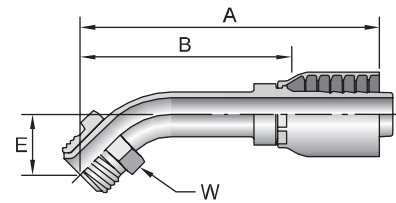
Male Inverted SAE 45° - Swivel

# Part Number	Thread inch	Hose I.D. inch	A inch mm		H inch	W inch	B inch mm	
12843-4-4	1/4 7/16x24	1/4	2.32	59	9/16	7/16	1.57	40
12843-4-6	1/4 7/16x24	3/8	2.65	67	11/16	7/16	1.62	41
12843-5-4	5/16 1/2x20	1/4	2.60	66	9/16	1/2	1.85	47
12843-5-6	5/16 1/2x20	3/8	2.74	70	11/16	1/2	1.71	43
12843-6-6	3/8 5/8x18	3/8	2.86	73	11/16	5/8	1.83	46
12843-7-6	7/16 11/16x18	3/8	2.95	75	11/16	11/16	1.92	49
12843-8-8	1/2 3/4x18	1/2	3.11	79	13/16	3/4	1.85	47
12843-10-10	5/8 7/8x18	5/8	3.55	90	3/4	7/8	2.11	54

16743




Male Inverted SAE 45° - Swivel - 45° Elbow

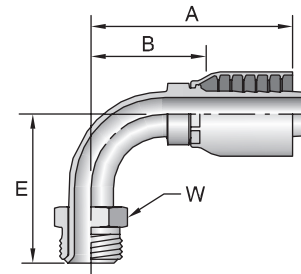
#										
Part Number	Thread		Hose I.D.	A		E		W	B	
	inch		inch	inch	mm	inch	mm	inch	inch	mm
16743-4-4	1/4	7/16x24	1/4	2.09	53	0.63	16	7/16	1.34	34
16743-4-6	1/4	7/16x24	3/8	2.42	61	0.63	16	7/16	1.39	35
16743-5-4	5/16	1/2x20	1/4	2.34	59	0.70	18	1/2	1.59	40
16743-5-6	5/16	1/2x20	3/8	2.48	63	0.70	18	1/2	1.45	37
16743-6-6	3/8	5/8x18	3/8	2.93	74	0.94	24	5/8	1.90	48
16743-8-8	1/2	3/4x18	1/2	3.23	82	1.09	28	3/4	1.97	50



16943

Male Inverted SAE 45° - Swivel - 90° Elbow

#				A		E			B	
Part Number	Thread inch		Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
16943-4-4	1/4	7/16x24	1/4	2.16	55	1.56	40	7/16	1.41	36
16943-4-6	1/4	7/16x24	3/8	2.49	63	1.56	40	7/16	1.46	37
16943-5-4	5/16	1/2x20	1/4	2.41	61	1.65	42	1/2	1.66	42
16943-5-6	5/16	1/2x20	3/8	2.59	66	1.65	42	1/2	1.56	40
16943-6-6	3/8	5/8x18	3/8	2.61	66	1.69	43	5/8	1.58	40
16943-7-6	7/16	11/16x18	3/8	2.53	64	1.72	44	11/16	1.50	38
16943-8-8	1/2	3/4x18	1/2	2.81	71	1.88	48	3/4	1.55	39

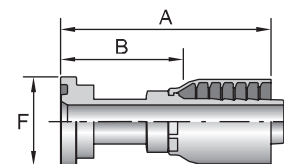


11543

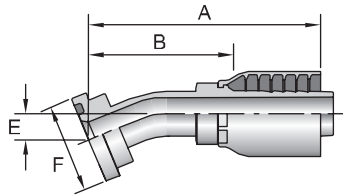
SAE Code 61 Flange Head

ISO 12151-3 - S - L

# Part Number	Flange inch	Hose I.D. inch	A		F	B	
			inch	mm	inch	inch	mm
11543-8-8	1/2	1/2	3.48	88	1-3/16	2.22	56
11543-10-10	5/8	5/8	3.78	96,0	1-11/32	2.34	59,4
11543-12-8	3/4	1/2	2.46	62,5	1-1/2	1.20	30,5
11543-12-12	3/4	3/4	3.54	90	1-1/2	2.10	53
11543-16-12	1	3/4	2.74	70	1-3/4	1.30	33
11543-16-16	1	1	4.25	108	1-3/4	2.63	67
11543-20-16	1-1/4	1	3.19	81	2	1.57	40
11543-20-20	1-1/4	1-1/4	4.70	119	2	3.01	76
11543-24-20^^	1-1/2	1-1/4	3.22	82	2-3/8	1.53	39
11543-24-24	1-1/2	1-1/2	4.59	117	2-3/8	3.22	82
11543-24-32	1-1/2	2	5.65	144	2-7/8	3.87	98
11543-32-20^^	2	1-1/4	4.29	109,0	2-13/16	2.60	66,0
11543-32-24	2	1-1/2	3.14	80	2-7/8	1.77	45
11543-32-32	2	2	4.99	127	2-13/16	3.21	82



^^Must be assembled with a Superkrimp or Parkrimp 2.
See Accessories Section for O-Rings and Flange Kits.

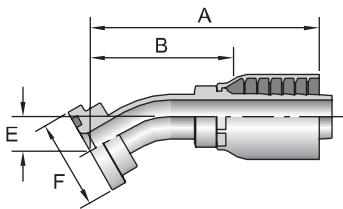


11643

SAE Code 61 Flange Head - 22-1/2° Elbow

ISO 12151-3 - E22M - L

# Part Number	Flange inch	Hose I.D. inch	A		E		F	B	
			inch	mm	inch	mm	inch	inch	mm
11643-12-12	3/4	3/4	3.90	99	0.44	11	1-1/2	2.47	63
11643-16-12	1	3/4	3.89	99	0.44	11	1-3/4	2.46	62
11643-16-16	1	1	4.25	108	0.44	11	1-3/4	2.66	68
11643-20-16	1-1/4	1	4.25	108	0.44	11	2	2.66	68
11643-20-20	1-1/4	1-1/4	4.65	118	0.50	13	2	3.00	76
11643-24-20 [^]	1-1/2	1-1/4	4.66	118	0.51	13	2-3/8	3.01	76

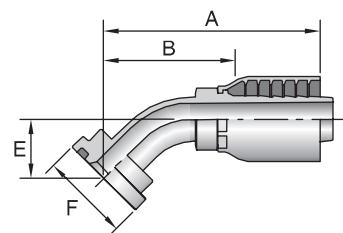


12643

SAE Code 61 Flange Head - 30° Elbow

ISO 12151-3 - E30S - L (1 Piece: ISO 12151-3 - E30M - L)

# Part Number	Flange inch	Hose I.D. inch	A		E		F	B	
			inch	mm	inch	mm	inch	inch	mm
12643-12-12	3/4	3/4	3.90	99	0.59	15	1-1/2	2.46	62
12643-16-16	1	1	4.38	111	0.62	16	1-3/4	2.76	70
12643-20-16	1-1/4	1	4.38	111	0.62	16	2	2.76	70
12643-20-20	1-1/4	1-1/4	4.39	112	0.72	18	2	2.70	69



11743

SAE Code 61 Flange Head - 45° Elbow

ISO 12151-3 - E45S - L (1 Piece: ISO 12151-3 - E45M - L)

# Part Number	Flange inch	Hose I.D. inch	A		E		F	B	
			inch	mm	inch	mm	inch	inch	mm
11743-8-8	1/2	1/2	3.28	83	0.77	20	1-3/16	2.02	51
11743-10-10	5/8	5/8	4.63	118	0.94	24	1-11/32	3.19	81
11743-12-8	3/4	1/2	3.32	84	0.81	21	1-1/2	2.06	52
11743-12-12	3/4	3/4	3.85	98	1.02	26	1-1/2	2.41	61
11743-16-12	1	3/4	3.85	98	1.02	26	1-3/4	2.41	61
11743-16-16	1	1	4.76	121	1.26	32	1-3/4	3.14	80
11743-20-16	1-1/4	1	4.76	121	1.26	32	2	3.14	80
11743-20-20 [^]	1-1/4	1-1/4	5.61	142	1.50	38	2	3.92	100
11743-20-24	1-1/4	1-1/2	5.45	138	1.38	35	2	4.08	104
11743-24-20 [^]	1-1/2	1-1/4	5.55	141	1.496	38	2-3/8	3.86	98
11743-24-24	1-1/2	1-1/2	5.50	140	1.43	36	2-3/8	4.13	105
11743-32-24	2	1-1/2	5.49	139	1.42	36	2-13/16	4.12	105
11743-32-32	2	2	7.23	184	1.98	50	2-13/16	5.45	138

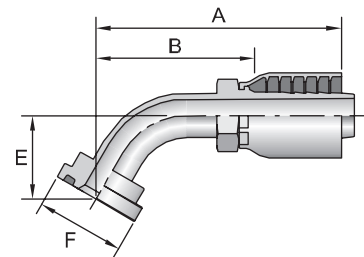
[^]Must be assembled with Die Part No. 83C-A20H in a Superkrimp or Parkrimp 2.
See Accessories Section for O-Rings and Flange Kits.

12743

SAE Code 61 Flange Head - 60° Elbow

ISO 12151-3 - E60S - L (1 Piece: ISO 12151-3 - E60M - L)

# Part Number	Flange inch	Hose I.D. inch	A		E		F	B	
			inch	mm	inch	mm	inch	inch	mm
12743-12-12	3/4	3/4	4.16	105	1.43	36	1-1/2	2.72	69
12743-16-12	1	3/4	4.15	105	1.39	35	1-3/4	2.71	69
12743-16-16	1	1	4.45	113	1.50	38	1-3/4	2.83	72
12743-20-20 ^{^^}	1-1/4	1-1/4	5.09	129	1.69	43	2	3.40	86

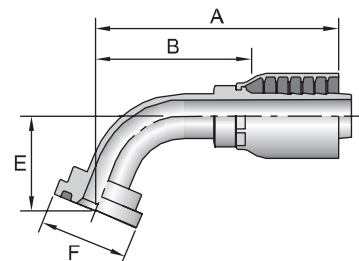


11843

SAE Code 61 Flange Head - 67-1/2° Elbow

ISO 12151-3 - E67S - L (1 Piece: ISO 12151-3 - E67M - L)

# Part Number	Flange inch	Hose I.D. inch	A		E		F	B	
			inch	mm	inch	mm	inch	inch	mm
11843-12-12	3/4	3/4	4.09	104	1.60	41	1-1/2	2.66	68
11843-16-16 [^]	1	1	4.66	118	1.75	44	1-3/4	3.07	78
11843-20-20 ^{^^}	1-1/4	1-1/4	5.04	128	1.94	49	2	3.37	86

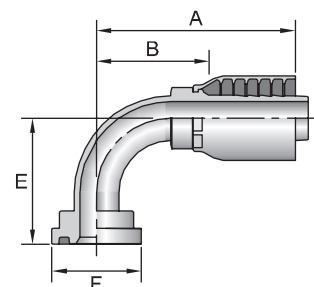


11943

SAE Code 61 Flange Head - 90° Elbow

ISO 12151-3 - E90S - L (1 Piece: ISO 12151-3 - E90M - L)

# Part Number	Flange inch	Hose I.D. inch	A		E		F	B	
			inch	mm	inch	mm	inch	inch	mm
11943-8-8	1/2	1/2	2.93	74	1.60	41	1-3/16	1.67	42
11943-10-10	5/8	5/8	3.71	94	2.10	53	1-11/32	2.27	58
11943-12-8	3/4	1/2	2.93	74	1.66	42	1-1/2	1.67	42
11943-12-10	3/4	5/8	3.71	94	2.10	53	1-1/2	2.27	58
11943-12-12	3/4	3/4	3.51	89	2.28	58	1-1/2	2.07	53
11943-16-8	1	1/2	2.91	74	2.03	52	1-3/4	1.65	42
11943-16-12	1	3/4	3.52	89	2.28	58	1-3/4	1.92	53
11943-16-16	1	1	4.28	109	2.78	71	1-3/4	2.66	68
11943-20-16	1-1/4	1	4.25	108	2.76	70	2	2.63	67
11943-20-20 ^{^^}	1-1/4	1-1/4	5.12	130	3.54	90	2	3.43	87
11943-24-20 ^{^^}	1-1/2	1-1/4	5.09	129	3.54	90	2-3/8	3.40	86
11943-20-24	1-1/4	1-1/2	4.19	106	2.49	63	2	2.82	72
11943-24-24	1-1/2	1-1/2	5.50	140	3.11	79	2-3/8	4.13	105
11943-32-24	2	1-1/2	5.48	139	3.10	79	2-13/16	4.11	104
11943-32-32	2	2	6.75	171	4.48	114	2-13/16	4.97	126



[^]Can not be assembled with KarryKrimp.

^{^^}Must be assembled with Die Part No. 83C-A20H in a Superkrimp or Parkrimp 2.

See Accessories Section for O-Rings and Flange Kits.

Hose
A

Fittings
43 Series
B

Equipment
C

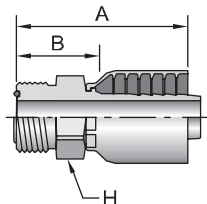
Accessories
D

Technical
E

1J043

Male Seal-Lok® - Rigid - (with O-Ring)

ISO 12151-1 - S

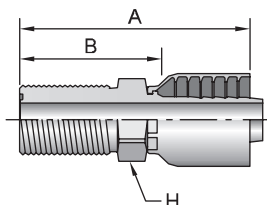


# Part Number	Thread		Hose I.D.	A		H	B	
	inch		inch	inch	mm	inch	inch	mm
1J043-4-4	1/4	9/16x18	1/4	1.73	44	5/8	0.98	25
1J043-6-6	3/8	11/16x16	3/8	2.08	53	3/4	1.05	27
1J043-8-6	1/2	13/16x16	3/8	2.20	56	7/8	1.17	30
1J043-8-8	1/2	13/16x16	1/2	2.42	61	7/8	1.17	30
1J043-10-8	5/8	1x14	1/2	2.61	66	1-1/16	1.35	34
1J043-10-10	5/8	1x14	5/8	2.73	69	1-1/16	1.34	34
1J043-12-10	3/4	1-3/16x12	5/8	2.89	73	1-1/4	1.45	37
1J043-12-12	3/4	1-3/16x12	3/4	2.90	74	1-1/4	1.46	37
1J043-16-12	1	1-7/16x12	3/4	2.93	74	1-1/2	1.49	38
1J043-16-16	1	1-7/16x12	1	3.29	84	1-1/2	1.67	42
1J043-20-20	1-1/4	1-11/16x12	1-1/4	3.32	84	1-3/4	1.63	41

1JB43

Male Seal-Lok® - Bulkhead without Locknut - (with O-Ring)

ISO 8434-3 - BH



# Part Number	Thread		Hose I.D.	A		H	B	
	inch		inch	inch	mm	inch	inch	mm
1JB43-4-4	1/4	9/16x18	1/4	2.58	66	5/8	1.83	46
1JB43-6-6	3/8	11/16x16	3/8	2.98	76	3/4	1.95	50
1JB43-8-6	1/2	13/16x16	3/8	3.41	87	7/8	2.38	60
1JB43-8-8	1/2	13/16x16	1/2	3.36	85	7/8	2.10	53
1JB43-10-8	5/8	1x14	1/2	3.58	91	1-1/16	2.32	59
1JB43-10-10	5/8	1x14	5/8	3.77	96	1-1/16	2.33	59
1JB43-12-12	3/4	1-3/16x12	3/4	3.87	98	1-1/4	2.43	62

Fittings are stocked less locknut (part no. WLN). Locknuts are manufactured by the Parker Tube Fittings Division and must be ordered separately.

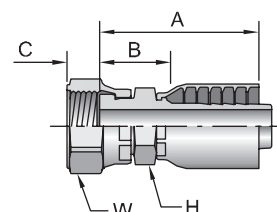
See Accessories Section for O-Rings and Flange Kits.

1JC43

Female Seal-Lok® - Swivel - Short

ISO 12151-1 - SWSA

# Part Number	Thread inch	Hose I.D. inch	A inch mm	C inch mm	H inch	W inch	B inch mm	Additional Material Stainless Steel (C)
1JC43-4-4	1/4	9/16x18	1/4	1.63 41	0.32 8	9/16	11/16 0.88 22	•
1JC43-4-4-SM	1/4	9/16x18	1/4	1.63 41	0.32 8	17 mm	17 mm 0.88 22	
1JC43-4-6	1/4	9/16x18	3/8	1.90 48	0.32 8	11/16	11/16 0.87 22	
1JC43-6-4	3/8	11/16x16	1/4	1.67 42	0.32 8	11/16	13/16 0.92 23	
1JC43-6-4-SM	3/8	11/16x16	1/4	1.67 42	0.32 8	17 mm	22 mm 0.92 23	
1JC43-6-5	3/8	11/16x16	5/16	1.65 42	0.32 8	11/16	13/16 0.90 23	
1JC43-6-6	3/8	11/16x16	3/8	1.94 49	0.32 8	11/16	13/16 0.91 23	•
1JC43-6-6-SM	3/8	11/16x16	3/8	1.94 49	0.32 8	19 mm	22 mm 0.91 23	
1JC43-8-6	1/2	13/16x16	3/8	2.00 51	0.43 11	13/16	15/16 0.97 25	
1JC43-8-6-SM	1/2	13/16x16	3/8	2.00 51	0.43 11	19 mm	24 mm 0.97 25	
1JC43-8-8	1/2	13/16x16	1/2	2.22 56	0.43 11	13/16	15/16 0.96 24	•
1JC43-8-8-SM	1/2	13/16x16	1/2	2.22 56	0.43 11	22 mm	24 mm 0.96 24	
1JC43-10-8	5/8	1x14	1/2	2.30 58	0.53 13	15/16	1-1/8 1.04 26	
1JC43-10-8-SM	5/8	1x14	1/2	2.30 58	0.53 13	24 mm	30 mm 1.04 26	
1JC43-10-10	5/8	1x14	5/8	2.49 63	0.53 13	15/16	1-1/8 1.05 27	•
1JC43-10-10-SM	5/8	1x14	5/8	2.49 63	0.53 13	24 mm	30 mm 1.05 27	
1JC43-12-8	3/4	1-3/16x12	1/2	2.48 63	0.57 14	1-1/8	1-3/8 1.22 31	
1JC43-12-10	3/4	1-3/16x12	5/8	2.67 68	0.57 14	1-1/8	1-3/8 1.23 31	
1JC43-12-10-SM	3/4	1-3/16x12	5/8	2.67 68	0.57 14	32 mm	36 mm 1.23 31	
1JC43-12-12	3/4	1-3/16x12	3/4	2.68 68	0.57 14	1-1/8	1-3/8 1.24 31	•
1JC43-12-12-SM	3/4	1-3/16x12	3/4	2.68 68	0.57 14	32 mm	36 mm 1.24 31	
1JC43-12-16	3/4	1-3/16x12	1	2.99 76	0.57 14	1-5/16	1-3/8 1.37 35	
1JC43-16-12	1	1-7/16x12	3/4	2.83 72	0.58 15	1-3/8	1-5/8 1.39 35	
1JC43-16-16	1	1-7/16x12	1	3.14 80	0.58 15	1-3/8	1-5/8 1.52 39	•
1JC43-20-20	1-1/4	1-11/16x12	1-1/4	3.27 83	0.59 15	1-7/8	1-7/8 1.58 40	•



When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.
 Stainless steel fittings must be assembled with Karrykrimp 2, PHastkrimp, Superkrimp or Parkrimp 2.
 See CrimpSource for more information.

See Accessories Section for O-Rings.

Hose
A

Fittings
43 Series
B

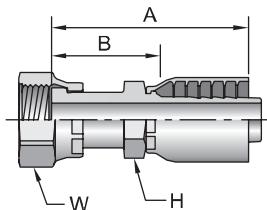
Equipment
C

Accessories
D

Technical
E

1JS43

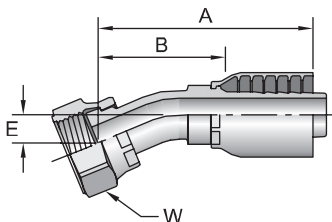
Female Seal-Lok® - Swivel - Long
 ISO 12151-1 SWSB



# Part Number	Thread inch	Hose I.D. inch	A		H		W		B	
			inch	mm	inch	inch	inch	inch	inch	mm
1JS43-4-4	1/4	9/16x18	1/4	2.07	53	9/16	11/16	1.32	34	
1JS43-4-6	1/4	9/16x18	3/8	2.21	56	11/16	11/16	1.18	30	
1JS43-6-4	3/8	11/16x16	1/4	2.14	54	9/16	13/16	1.39	35	
1JS43-6-6	3/8	11/16x16	3/8	2.28	58	11/16	13/16	1.25	32	
1JS43-6-8	3/8	11/16x16	1/2	2.50	64	13/16	13/16	1.24	31	
1JS43-8-4	1/2	13/16x16	1/4	2.26	57	11/16	15/16	1.51	38	
1JS43-8-6	1/2	13/16x16	3/8	2.53	64	11/16	15/16	1.50	38	
1JS43-8-8	1/2	13/16x16	1/2	2.65	67	13/16	15/16	1.39	35	
1JS43-8-10	1/2	13/16x16	5/8	2.82	72	15/16	15/16	1.38	35	
1JS43-10-6	5/8	1x14	3/8	2.63	67	11/16	1-1/8	1.62	41	
1JS43-10-8	5/8	1x14	1/2	2.89	73	13/16	1-1/8	1.63	41	
1JS43-10-10	5/8	1x14	5/8	3.07	78	15/16	1-1/8	1.66	42	
1JS43-10-12	5/8	1x14	3/4	3.08	78	1-1/16	1-1/8	1.64	42	
1JS43-12-8	3/4	1-3/16x12	1/2	2.90	74	15/16	1-3/8	1.64	42	
1JS43-12-10	3/4	1-3/16x12	5/8	3.19	81	1-1/8	1-3/8	1.75	44	
1JS43-12-12	3/4	1-3/16x12	3/4	3.31	84	1-1/8	1-3/8	1.87	47	
1JS43-12-16	3/4	1-3/16x12	1	3.53	90	1-5/16	1-3/8	1.91	49	
1JS43-16-12	1	1-7/16x12	3/4	3.37	86	1-3/8	1-5/8	1.93	49	
1JS43-16-16	1	1-7/16x12	1	3.62	92	1-3/8	1-5/8	2.00	51	
1JS43-16-20	1	1-7/16x12	1-1/4	3.77	96	1-3/4	1-5/8	2.08	53	
1JS43-20-16	1-1/4	1-11/16x12	1	3.64	92	1-3/8	1-7/8	2.02	51	
1JS43-20-20	1-1/4	1-11/16x12	1-1/4	3.77	96	1-3/4	1-7/8	2.15	53	
1JS43-24-20	1-1/2	2x12	1-1/4	3.88	99	1-3/4	2-1/4	2.23	57	
1JS43-24-24	1-1/2	2x12	1-1/2	3.91	99	1-7/8	2-1/4	2.54	65	

1J643

Female Seal-Lok® - Swivel - 22-1/2° Elbow
 ISO 8434-3



# Part Number	Thread inch	Hose I.D. inch	A		E		W	B	
			inch	mm	inch	mm	inch	inch	mm
1J643-8-8	1/2	13/16x16	3.06	78	0.39	10	15/16	1.80	46

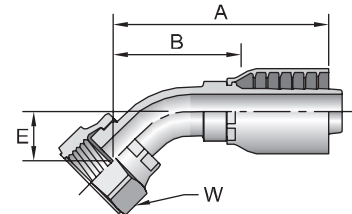
See Accessories Section for O-Rings.

1J743

Female Seal-Lok® - Swivel - 45° Elbow

ISO 12151-1 - SWE45

# Part Number	Thread inch		Hose I.D. inch	A		E		W inch	B	
				inch	mm	inch	mm		inch	mm
1J743-4-4	1/4	9/16x18	1/4	1.97	50	0.39	10	11/16	1.22	31
1J743-4-4-SM	1/4	9/16x18	1/4	1.97	50	0.39	10	17 mm	1.22	31
1J743-4-6	1/4	9/16x18	3/8	2.23	57	0.39	10	11/16	1.20	30
1J743-6-4	3/8	11/16x16	1/4	2.08	53	0.43	11	13/16	1.33	34
1J743-6-4-SM	3/8	11/16x16	1/4	2.08	53	0.43	11	22 mm	1.33	34
1J743-6-5	3/8	11/16x16	5/16	2.37	60	0.43	11	13/16	1.62	41
1J743-6-6	3/8	11/16x16	3/8	2.34	59	0.43	11	13/16	1.31	33
1J743-6-8	3/8	11/16x16	1/2	2.66	68	0.43	11	13/16	1.41	36
1J743-8-4	1/2	13/16x16	1/4	2.56	65	0.59	15	15/16	1.81	46
1J743-8-6	1/2	13/16x16	3/8	2.53	64	0.59	15	15/16	1.50	38
1J743-8-6-SM	1/2	13/16x16	3/8	2.53	64	0.59	15	24 mm	1.50	38
1J743-8-8	1/2	13/16x16	1/2	2.83	72	0.59	15	15/16	1.57	40
1J743-8-8-SM	1/2	13/16x16	1/2	2.83	72	0.59	15	24 mm	1.57	40
1J743-8-10	1/2	13/16x16	5/8	3.09	78	0.59	15	15/16	1.65	42
1J743-10-8	5/8	1x14	1/2	2.93	74	0.63	16	1-1/8	1.67	42
1J743-10-10	5/8	1x14	5/8	3.17	81	0.63	16	1-1/8	1.73	44
1J743-10-10-SM	5/8	1x14	5/8	3.17	81	0.63	16	30 mm	1.73	44
1J743-10-12	5/8	1x14	3/4	3.36	85	0.65	16	1-1/8	1.93	49
1J743-12-8	3/4	1-3/16x12	1/2	3.57	91	0.82	21	1-3/8	2.31	59
1J743-12-10	3/4	1-3/16x12	5/8	3.62	92	0.83	21	1-3/8	2.18	55
1J743-12-12	3/4	1-3/16x12	3/4	3.63	92	0.83	21	1-3/8	2.19	56
1J743-12-12-SM	3/4	1-3/16x12	3/4	3.63	92	0.83	21	36 mm	2.19	56
1J743-12-16	3/4	1-3/16x12	1	3.67	93	0.81	21	1-3/8	2.05	52
1J743-16-12	1	1-7/16x12	3/4	4.02	102	0.94	24	1-5/8	2.59	66
1J743-16-16	1	1-7/16x12	1	4.38	111	0.94	24	1-5/8	2.76	70
1J743-16-20	1	1-7/16x12	1-1/4	4.59	117	0.94	24	1-5/8	2.94	75
1J743-20-16	1-1/4	1-11/16x12	1	4.52	115	1.00	25	1-7/8	2.93	74
1J743-20-20	1-1/4	1-11/16x12	1-1/4	4.78	121	1.00	25	1-7/8	3.09	78
1J743-24-20	1-1/2	2x12	1-1/4	4.99	127	1.11	28	2-1/4	3.30	84
1J743-24-24	1-1/2	2x12	1-1/2	4.70	119	1.07	27	2-1/4	3.33	85

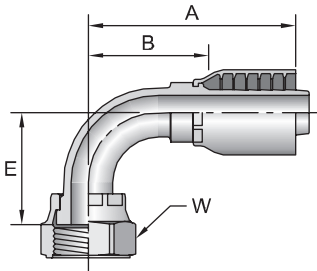


See Accessories Section for O-Rings.

1J943

Female Seal-Lok® - Swivel - 90° Elbow - Short Drop

ISO 12151-1 - SWES90

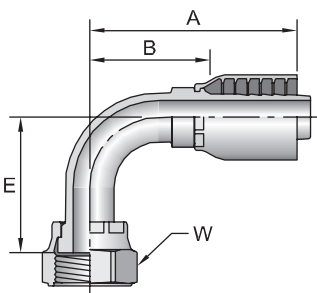


# Part Number	Thread inch	Hose I.D. inch	A inch mm	E inch mm	W inch	B inch mm
1J943-4-4	1/4 9/16x18	1/4	1.78 45	0.83 21	11/16	1.03 26
1J943-4-6	1/4 9/16x18	3/8	2.05 52	0.83 21	11/16	1.02 26
1J943-6-4	3/8 11/16x16	1/4	1.93 49	0.91 23	13/16	1.18 30
1J943-6-5	3/8 11/16x16	5/16	2.25 57	0.90 23	13/16	1.50 38
1J943-6-6	3/8 11/16x16	3/8	2.21 56	0.91 23	13/16	1.18 30
1J943-6-8	3/8 11/16x16	1/2	2.53 64	0.90 23	13/16	1.27 32
1J943-8-4	1/2 13/16x16	1/4	2.28 58	1.15 29	15/16	1.53 39
1J943-8-6	1/2 13/16x16	3/8	2.28 58	1.14 29	15/16	1.25 32
1J943-8-8	1/2 13/16x16	1/2	2.59 66	1.14 29	15/16	1.33 34
1J943-8-8-SM	1/2 13/16x16	1/2	2.59 66	1.14 29	24 mm	1.33 34
1J943-8-10	1/2 13/16x16	5/8	2.81 71	1.15 29	15/16	1.37 35
1J943-10-8	5/8 1x14	1/2	2.74 70	1.26 32	1-1/8	1.48 38
1J943-10-10	5/8 1x14	5/8	2.97 75	1.26 32	1-1/8	1.53 39
1J943-10-10-SM	5/8 1x14	5/8	2.97 75	1.26 32	30 mm	1.53 39
1J943-10-12	5/8 1x14	3/4	3.08 78	1.27 32	1-1/8	1.64 42
1J943-12-8	3/4 1-3/16x12	1/2	3.21 82	1.89 48	1-3/8	1.95 50
1J943-12-10	3/4 1-3/16x12	5/8	3.49 89	1.89 48	1-3/8	2.05 52
1J943-12-12	3/4 1-3/16x12	3/4	3.06 78	1.89 48	1-3/8	2.05 52
1J943-12-16	3/4 1-3/16x12	1	3.88 99	1.89 48	1-3/8	2.26 57
1J943-16-12	1 1-7/16x12	3/4	4.06 103	2.22 56	1-5/8	2.62 67
1J943-16-16	1 1-7/16x12	1	4.31 109	2.20 56	1-5/8	2.69 68
1J943-16-20	1 1-7/16x12	1-1/4	4.56 116	2.21 56	1-5/8	2.87 73
1J943-20-16	1-1/4 1-11/16x12	1	4.64 118	2.54 65	1-7/8	3.02 80
1J943-20-20	1-1/4 1-11/16x12	1-1/4	4.88 124	2.51 64	1-7/8	3.19 81
1J943-24-20	1-1/2 2x12	1-1/4	4.97 126	2.70 69	2-1/4	3.32 84
1J943-24-24	1-1/2 2x12	1-1/2	5.50 140	2.68 68	2-1/4	4.13 105

1J543

Female Seal-Lok® - Swivel - 90° Elbow - Medium Drop

ISO 12151-1 - SWSB



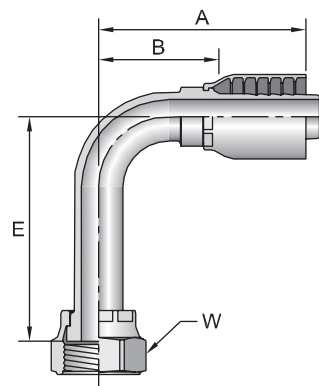
# Part Number	Thread inch	Hose I.D. inch	A inch mm	E inch mm	W inch	B inch mm
1J543-4-4	1/4 9/16x18	1/4	2.07 53	1.26 32	11/16	1.32 34
1J543-6-4	3/8 11/16x16	1/4	2.12 54	1.50 38	13/16	1.37 35
1J543-6-6	3/8 11/16x16	3/8	2.40 61	1.50 38	13/16	1.37 35
1J543-6-6-SM	3/8 11/16x16	3/8	2.40 61	1.50 38	22 mm	1.37 35
1J543-8-6	1/2 13/16x16	3/8	2.48 63	1.61 41	15/16	1.45 37
1J543-8-8	1/2 13/16x16	1/2	2.59 66	1.61 41	15/16	1.33 34
1J543-10-8	5/8 1x14	1/2	2.74 70	1.85 47	1-1/8	1.48 38
1J543-10-10	5/8 1x14	5/8	2.97 75	1.85 47	1-1/8	1.53 39
1J543-10-12	5/8 1x14	3/4	3.12 79	1.88 48	1-1/8	1.68 43
1J543-12-12	3/4 1-3/16x12	3/4	3.49 89	2.28 58	1-3/8	2.05 52
1J543-16-16	1 1-7/16x12	1	4.86 123	2.78 71	1-5/8	3.27 83
1J543-20-20	1-1/4 1-11/16x12	1-1/4	4.89 124	3.09 78	1-7/8	3.20 81

See Accessories Section for O-Rings.

1J143

Female Seal-Lok® - Swivel - 90° Elbow - Long Drop
 ISO 12151-1 - SWEL90

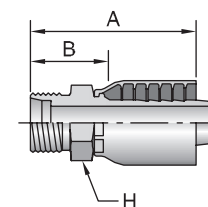
# Part Number	Thread		Hose I.D. inch	A		E		W inch	B	
	inch	mm		inch	mm	inch	mm		inch	mm
1J143-4-4	1/4	9/16x18	1/4	2.02	51	1.81	46	11/16	1.27	32
1J143-6-4	3/8	11/16x16	1/4	2.26	57	2.29	58	13/16	1.51	38
1J143-6-6	3/8	11/16x16	3/8	2.39	61	2.13	54	13/16	1.36	35
1J143-8-6	1/2	13/16x16	3/8	2.45	62	2.52	64	15/16	1.42	36
1J143-8-8	1/2	13/16x16	1/2	2.59	66	2.52	64	15/16	1.33	34
1J143-8-8-SM	1/2	13/16x16	1/2	2.59	66	2.52	64	24 mm	1.33	34
1J143-10-8	5/8	1x14	1/2	2.74	70	2.79	71	1-1/8	1.48	38
1J143-10-10	5/8	1x14	5/8	2.97	75	2.76	70	1-1/8	1.53	39
1J143-10-12	5/8	1x14	3/4	3.15	80	2.76	70	1-1/8	1.73	44
1J143-12-12	3/4	1-3/16x12	3/4	3.49	89	3.78	96	1-3/8	2.05	52
1J143-16-16	1	1-7/16x12	1	4.28	109	4.49	114	1-5/8	2.66	68
1J143-20-20	1-1/4	1-11/16x12	1-1/4	4.84	123	5.09	129	1-7/8	3.15	80
1J143-24-20	1-1/2	2x12	1-1/4	4.77	121	5.54	141	2-1/4	3.12	79



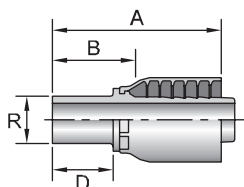
1D043

Male Metric L - Rigid - (24° Cone)
 ISO 8434-1

# Part Number	Thread		Hose I.D. inch	A		H mm	B	
	mm	mm		inch	mm		inch	mm
1D043-6-4	6	M12x1,5	1/4	1.73	44	14	0.93	24
1D043-8-4	8	M14x1,5	1/4	1.61	41	14	0.93	24
1D043-10-5	10	M16x1,5	5/16	1.97	50	19	0.83	21
1D043-10-6	10	M16x1,5	3/8	1.97	50	19	0.83	21
1D043-12-6	12	M18x1,5	3/8	1.97	50	19	0.83	21
1D043-15-8	15	M22x1,5	1/2	2.28	58	22	0.94	24
1D043-18-10	18	M26x1,5	5/8	2.68	68	27	1.14	29
1D043-18-12	18	M26x1,5	3/4	2.68	68	27	1.14	29
1D043-22-12	22	M30x2	3/4	2.72	69	30	1.22	31
1D043-28-16	28	M36x2	1	3.11	79	36	1.30	33



Metric L: Mates with EO "L" Series Fittings.
 See Accessories Section for O-Rings.

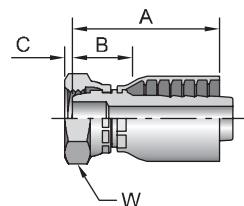


11D43

Male Standpipe Metric L - Rigid

ISO 8434-1

#			A		D		B	
Part Number	R	Hose I.D.	inch	mm	inch	mm	inch	mm
11D43-6-4	6	1/4	2.03	52	0.87	22	1.28	33
11D43-10-5	10	5/16	2.36	60	0.91	23	1.45	37
11D43-10-6	10	3/8	2.28	58	0.91	23	1.14	29
11D43-15-8	15	1/2	2.56	65	0.98	25	1.22	31
11D43-18-10	18	5/8	2.99	76	1.02	26	1.48	38
11D43-18-12	18	3/4	2.80	71	1.02	26	1.22	31
11D43-22-12	22	3/4	2.87	73	1.10	28	1.26	32
11D43-28-16	28	1	3.31	84	1.18	30	1.46	37



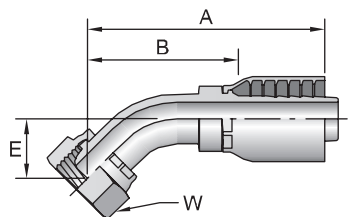
1C343

Female Metric L - Swivel - (Ball Nose)

ISO 8434-1

#			A		C		W	B	
Part Number	Thread	Hose I.D.	inch	mm	inch	mm	mm	inch	mm
1C343-6-4	6 M12x1,5	1/4	1.75	44	0.09	2	14	1.16	29
1C343-8-4	8 M14x1,5	1/4	1.77	45	0.11	3	17	1.16	29
1C343-10-5	10 M16x1,5	5/16	2.01	51	0.06	2	19	1.20	30
1C343-10-6	10 M16x1,5	3/8	2.06	52	0.06	2	19	1.10	28
1C343-12-5	12 M18x1,5	5/16	1.87	47	0.10	3	22	0.70	18
1C343-12-6	12 M18x1,5	3/8	2.23	57	0.10	3	22	1.18	30
1C343-15-8	15 M22x1,5	1/2	2.42	61	0.17	4	27	1.29	33
1C343-18-10	18 M26x1,5	5/8	2.65	67	0.10	3	32	1.23	31
1C343-18-12	18 M26x1,5	3/4	2.80	71	0.10	3	32	1.37	35
1C343-22-12	22 M30x2	3/4	2.87	73	0.18	5	36	1.42	36
1C343-28-16	28 M36x2	1	3.35	85	0.22	6	46	1.76	45

When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.



1C443

Female Metric L - Swivel - 45° Elbow - (Ball Nose)

ISO 8434-1

#			A		E		W	B	
Part Number	Thread	Hose I.D.	inch	mm	inch	mm	mm	inch	mm
1C443-8-4	8 M14x1,5	1/4	2.40	61	0.59	15	17	1.50	38
1C443-10-5	10 M16x1,5	5/16	2.60	66	0.67	17	19	1.61	41
1C443-10-6	10 M16x1,5	3/8	2.76	70	0.67	17	19	1.61	41
1C443-12-6	12 M18x1,5	3/8	2.76	70	0.67	17	22	1.61	41
1C443-15-8	15 M22x1,5	1/2	3.35	85	0.79	20	27	1.97	50
1C443-18-10	18 M26x1,5	5/8	4.09	104	1.14	29	32	2.52	64
1C443-22-12	22 M30x2	3/4	3.78	96	0.91	23	36	2.20	56
1C443-28-16	28 M36x2	1	4.53	115	1.10	28	46	2.81	71

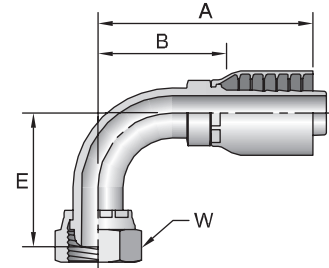
Metric L: Mates with EO "L" Series Fittings.

1C543

Female Metric L - Swivel - 90° Elbow - (Ball Nose)

ISO 8434-1

# Part Number	Thread mm	Hose I.D. inch	A		E		W mm	B	
			inch	mm	inch	mm		inch	mm
1C543-8-4	8 M14x1,5	1/4	2.05	52	1.10	28	17	1.18	30
1C543-10-5	10 M16x1,5	5/16	2.20	56	1.18	30	19	1.22	31
1C543-10-6	10 M16x1,5	3/8	2.40	61	1.18	30	19	1.40	36
1C543-12-6	12 M18x1,5	3/8	2.40	61	1.22	31	22	1.40	36
1C543-15-8	15 M22x1,5	1/2	2.95	75	1.57	40	27	1.57	40
1C543-18-10	18 M26x1,5	5/8	3.58	91	2.36	60	32	2.05	52
1C543-22-12	22 M30x2	3/4	3.58	91	1.97	50	36	2.00	51
1C543-28-16	28 M36x2	1	4.33	110	2.48	63	46	2.56	65



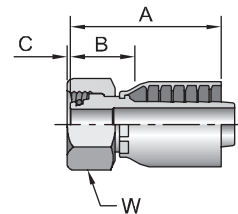
1CA43

Female Metric L - Swivel - (24° Cone with O-Ring)

ISO 12151-2 - SWS

# Part Number	Thread mm	Hose I.D. inch	A		C	W mm	B	
			inch	mm			inch	mm
1CA43-6-4	6 M12x1,5	1/4	1.81	46	-0.02	14	1.06	27
1CA43-8-4	8 M14x1,5	1/4	1.68	43	-0.01	19	0.88	22
1CA43-10-5	10 M16x1,5	5/16	1.73	44	0.04	19	0.82	21
1CA43-12-6	12 M18x1,5	3/8	2.17	55	0.03	22	1.02	26
1CA43-15-8	15 M22x1,5	1/2	2.52	64	0.07	27	1.14	29
1CA43-18-10	18 M26x1,5	5/8	3.02	77	0.02	32	1.61	41
1CA43-18-12	18 M26x1,5	3/4	2.56	65	0.02	32	1.11	28
1CA43-22-12	22 M30x2	3/4	2.83	72	0.13	36	1.30	33
1CA43-28-16	28 M36x2	1	3.35	85	0.14	46	1.57	40
1CA43-35-20	35 M45x2	1-1/4	3.28	83	0.00	50	1.55	39

When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.

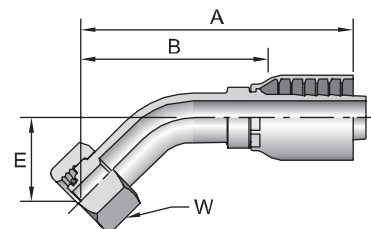


1CE43

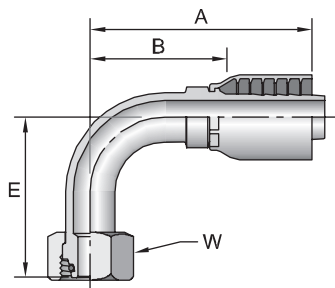
Female Metric L - Swivel - 45° Elbow - (24° Cone with O-Ring)

ISO 12151-2 - SWE45

# Part Number	Thread mm	Hose I.D. inch	A		E		W mm	B	
			inch	mm	inch	mm		inch	mm
1CE43-10-6	10 M16x1,5	3/8	3.43	87	0.73	19	19	2.44	62
1CE43-12-6	12 M18x1,5	3/8	2.87	73	0.87	22	22	1.73	44
1CE43-15-8	15 M22x1,5	1/2	3.39	86	0.87	22	27	2.00	51
1CE43-22-12	22 M30x2	3/4	3.82	97	0.98	25	36	2.28	58



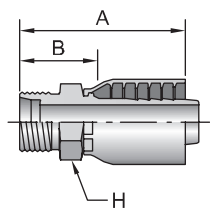
Metric L: Mates with EO "L" Series Fittings.



1CF43

Female Metric L - Swivel - 90° Elbow - (24° Cone with O-Ring)
ISO 12151-2 - SWE

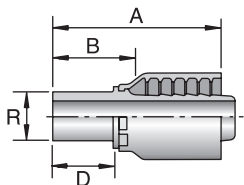
#	Thread	Hose I.D.	A	E	W	B
Part Number	mm	inch	inch	mm	mm	inch
1CF43-10-5	10 M16x1,5	5/16	2.3	58	1.16	29
1CF43-10-6	10 M16x1,5	3/8	2.56	65	1.38	35
1CF43-12-6	12 M18x1,5	3/8	2.40	61	1.22	31
1CF43-15-8	15 M22x1,5	1/2	2.95	75	1.65	42
1CF43-18-10	18 M26x1,5	5/8	3.17	81	1.77	45
1CF43-22-12	22 M30x2	3/4	3.54	90	2.09	53
1CF43-35-20	35 M45x2	1-1/4	4.72	120	3.11	79



1D243

Male Metric S - Rigid - (24° Cone)
ISO 8434-1

#	Thread	Hose I.D.	A	H	B
Part Number	mm	inch	inch	mm	inch
1D243-8-4	8 M16x1,5	1/4	1.73	44	17
1D243-10-4	10 M18x1,5	1/4	1.73	44	19
1D243-12-5	12 M20x1,5	5/16	2.20	56	22
1D243-12-6	12 M20x1,5	3/8	2.09	53	22
1D243-14-6	14 M22x1,5	3/8	2.17	55	22
1D243-16-8	16 M24x1,5	1/2	2.36	60	24
1D243-20-10	20 M30x2	5/8	2.95	75	30
1D243-25-12	25 M36x2	3/4	2.87	73	36
1D243-30-16	30 M42x2	1	3.39	86	46



13D43

Male Standpipe Metric S - Rigid
ISO 8434-1

#	R	Hose I.D.	A	D	B
Part Number	mm	inch	inch	mm	inch
13D43-10-4	10	1/4	2.13	54	1.02
13D43-12-5	12	5/16	2.52	64	1.02
13D43-14-6	14	3/8	2.52	64	1.14
13D43-16-8	16	1/2	2.68	68	1.18
13D43-20-10	20	5/8	3.39	86	1.42
13D43-20-12	20	3/4	3.19	81	1.42
13D43-25-12	25	3/4	3.35	85	1.57
13D43-30-16	30	1	3.82	97	1.73

Light Series 11D43-6-4, 11D43-8-4 and 11D43-12-6 are used in place of their Heavy Series equivalent size and accept the EO Heavy "S" Series ferrules and nuts.

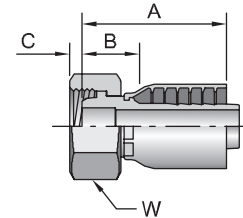
Metric L: Mates with EO "L" Series Fittings.
Metric S: Mates with EO "S" Series Fittings.

1C643

Female Metric S - Swivel - (Ball Nose)

ISO 8434-1

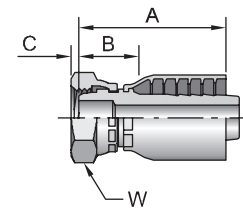
# Part Number	Thread mm	Hose I.D. inch	A		C		W mm	B	
			inch	mm	inch	mm		inch	mm
1C643-8-4	8 M16x1,5	1/4	1.57	40	0.15	4	19	1.20	30
1C643-10-4	10 M18x1,5	1/4	1.63	41	0.10	3	22	1.20	30
1C643-12-5	12 M20x1,5	5/16	1.87	47	0.08	2	24	1.20	30
1C643-12-6	12 M20x1,5	3/8	1.76	45	0.08	2	24	1.32	34
1C643-12-8	12 M20x1,5	1/2	2.18	55	0.08	2	24	1.30	33
1C643-14-6	14 M22x1,5	3/8	1.94	49	0.17	4	27	1.32	34
1C643-16-8	16 M24x1,5	1/2	2.13	54	0.19	5	30	1.39	35
1C643-20-10	20 M30x2	5/8	2.38	60	0.21	5	36	1.39	35
1C643-20-12	20 M30x2	3/4	2.46	62	0.21	5	40	1.47	37
1C643-25-12	25 M36x2	3/4	2.48	63	0.28	7	46	1.56	40
1C643-30-16	30 M42x2	1	2.89	73	0.37	9	50	1.95	50



1C043

Female Metric - Swivel - (Ball Nose)

# Part Number	Thread mm	Hose I.D. inch	A		C		W mm	B	
			inch	mm	inch	mm		inch	mm
1C043-20-12	20 M30x1,5	3/4	2.48	63	0.21	5	36	0.94	24
1C043-25-16	25 M38x1,5	1	2.99	76	0.28	7	46	1.14	29

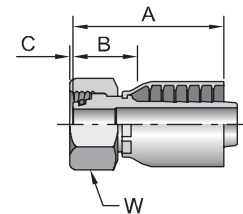


1C943

Female Metric S - Swivel - (24° Cone with O-Ring)

ISO 12151-2 - SWS

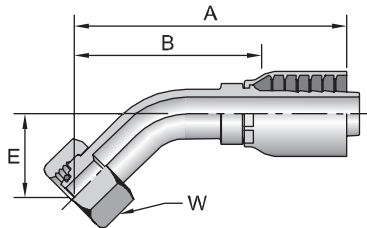
# Part Number	Thread mm	Hose I.D. inch	A		C		W mm	B	
			inch	mm	inch	mm		inch	mm
1C943-8-4	8 M16x1,5	1/4	1.64	42	0.01	0	19	1.18	30
1C943-10-4	10 M18x1,5	1/4	1.64	42	0.01	0	22	1.18	30
1C943-10-6	10 M18x1,5	3/8	1.97	50	0.01	0	22	0.83	21
1C943-12-5	12 M20x1,5	5/16	1.80	46	0.03	1	24	0.99	25
1C943-12-6	12 M20x1,5	3/8	1.99	51	0.03	1	24	1.04	26
1C943-14-6	14 M22x1,5	3/8	2.05	52	0.03	1	27	1.17	30
1C943-16-8	16 M24x1,5	1/2	2.33	59	0.09	2	30	1.15	29
1C943-20-10	20 M30x2	5/8	2.59	66	0.05	1	36	1.22	31
1C943-20-12	20 M30x2	3/4	2.59	66	0.05	1	36	1.22	31
1C943-25-12	25 M36x2	3/4	2.67	68	0.10	3	46	1.24	31
1C943-30-16	30 M42x2	1	3.19	81	0.19	5	50	1.60	41
1C943-38-20^^	38 M52x2	1-1/4	3.35	85	0.23	6	60	1.70	43



^^Must be assembled with Die Part No. 83C-A20H in a Superkrimp or Parkrimp 2.

Metric S: Mates with EO "S" Series Fittings.

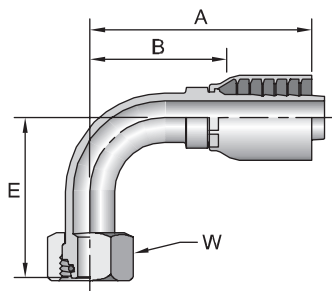
When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.



10C43

Female Metric S - Swivel - 45° Elbow - (24° Cone with O-Ring)
ISO 12151-2 - SWE45

# Part Number	Thread mm	Hose I.D. inch	A		E		W	B	
			inch	mm	inch	mm	mm	inch	mm
10C43-12-6	12 M20x1,5	3/8	3.28	83	0.87	22	24	2.28	58
10C43-16-8	16 M24x1,5	1/2	3.96	101	0.96	24	30	2.71	69
10C43-20-10	20 M30x2	5/8	4.78	121	1.12	28	36	3.37	86
10C43-25-12	25 M36x2	3/4	3.97	101	1.06	27	46	2.40	61
10C43-30-16	30 M42x2	1	4.65	118	1.22	31	50	2.87	73
10C43-38-20 ^{^^}	38 M52x2	1-1/4	4.96	126	1.30	33	60	1.89	48



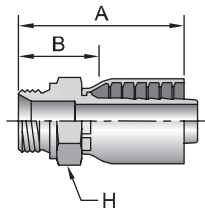
11C43

Female Metric S - Swivel - 90° Elbow - (24° Cone with O-Ring)
ISO 12151-2 - SWE

# Part Number	Thread mm	Hose I.D. inch	A		E		W	B	
			inch	mm	inch	mm	mm	inch	mm
11C43-8-4	8 M16x1,5	1/4	1.83	46	1.26	32	19	1.41	36
11C43-10-4	10 M18x1,5	1/4	2.45	62	1.34	34	22	1.71	43
11C43-12-5	12 M20x1,5	5/16	2.30	58	1.22	31	24	1.51	38
11C43-12-6	12 M20x1,5	3/8	2.36	60	1.48	38	24	1.36	35
11C43-14-6	14 M22x1,5	3/8	2.35	60	1.48	38	27	1.35	34
11C43-16-8	16 M24x1,5	1/2	2.94	75	1.75	44	30	1.69	43
11C43-20-10	20 M30x2	5/8	3.45	88	2.17	55	36	2.04	52
11C43-25-12	25 M36x2	3/4	3.74	95	2.17	55	46	2.22	56
11C43-30-16	30 M42x2	1	4.45	113	2.64	67	50	2.64	67
11C43-38-20 ^{^^}	38 M52x2	1-1/4	5.67	144	2.87	73	60	2.99	76

1D943

Male BSP Parallel Pipe - Rigid - (60° Cone)
ISO 228-1



# Part Number	Thread inch	Hose I.D. inch	A		H	B	
			inch	mm	mm	inch	mm
1D943-4-4	1/4x19	1/4	1.77	45	19	0.91	23
1D943-6-5	3/8x19	5/16	2.13	54	22	1.22	31
1D943-6-6	3/8x19	3/8	2.13	54	22	1.22	31
1D943-8-8	1/2x14	1/2	2.44	62	27	1.10	28
1D943-12-12	3/4x14	3/4	2.76	70	32	1.18	30
1D943-16-16	1x11	1	3.23	82	41	1.38	35

When used in a port, a bonded seal must be used. See Accessories Section for more information.

Metric S: Mates with EO "S" Series Fittings.

^{^^}Must be assembled with Die Part No. 83C-A20H in a Superkrimp or Parkrimp 2.

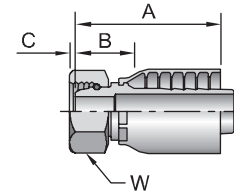
19243

Female BSP Parallel Pipe - Swivel - (60° Cone)

ISO 228-1

# Part Number	Thread inch	Hose I.D. inch	A		C		W	B	
			inch	mm	inch	mm	mm	inch	mm
19243-4-4	1/4x19	1/4	1.95	50	0.22	6	19	1.20	30
19243-6-6	3/8x19	3/8	2.35	60	0.26	7	22	1.32	34
19243-8-8	1/2x14	1/2	2.72	69	0.28	7	27	1.46	37
19243-10-8	5/8x14	1/2	2.80	71	0.37	9	30	1.54	39
19243-10-10	5/8x14	5/8	2.99	76	0.37	9	30	1.55	39
19243-12-10	3/4x14	5/8	3.11	79	0.35	9	36	1.67	42
19243-12-12	3/4x14	3/4	3.19	81	0.35	9	36	1.75	44
19243-16-16	1x11	1	3.67	93	0.44	11	41	2.05	52

When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.

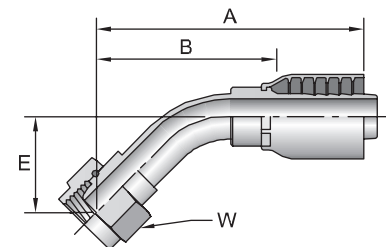


1B143

Female BSP Parallel Pipe - Swivel - 45° Elbow - (60° Cone)

ISO 228-1

# Part Number	Thread inch	Hose I.D. inch	A		E		W	B	
			inch	mm	inch	mm	mm	inch	mm
1B143-4-4	1/4x19	1/4	2.44	62	0.63	16	19	1.54	39
1B143-6-6	3/8x19	3/8	3.25	83	0.79	20	22	2.25	57
1B143-8-8	1/2x14	1/2	3.35	85	0.79	20	27	1.97	50
1B143-10-10	5/8x14	5/8	4.03	102	0.85	22	30	2.62	67
1B143-12-10	3/4x14	5/8	4.09	104	1.14	29	32	2.52	64
1B143-12-12	3/4x14	3/4	4.02	102	1.14	29	32	2.44	62
1B143-16-16	1x11	1	4.53	115	1.14	29	41	2.76	70

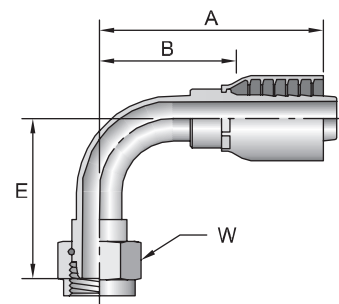


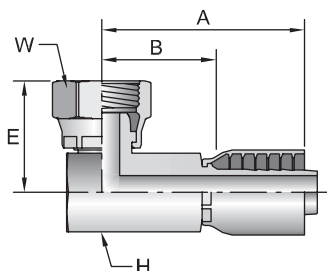
1B243

Female BSP Parallel Pipe - Swivel - 90° Elbow - (60° Cone)

ISO 228-1

# Part Number	Thread inch	Hose I.D. inch	A		E		W	B	
			inch	mm	inch	mm	mm	inch	mm
1B243-4-4	1/4x19	1/4	1.83	46	1.12	28	19	1.08	27
1B243-6-6	3/8x19	3/8	2.32	59	1.46	37	22	1.32	34
1B243-8-8	1/2x14	1/2	2.95	75	1.57	40	27	1.57	40
1B243-10-8	5/8x14	1/2	2.91	74	1.57	40	30	1.54	39
1B243-10-10	5/8x14	5/8	3.13	80	1.57	40	30	1.72	44
1B243-12-10	3/4x14	5/8	3.62	92	2.32	59	32	2.05	52
1B243-12-12	3/4x14	3/4	3.58	91	2.32	59	32	2.00	51
1B243-16-16	1x11	1	4.33	110	2.48	63	41	2.56	65
1B243-20-20	1-1/4x11	1-1/4	4.72	120	2.99	76	50	2.87	73





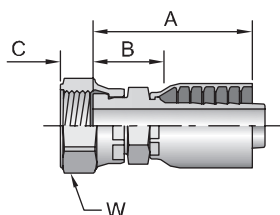
1B443

Female BSP Parallel Pipe - Swivel - 90°

Elbow - Block Type - (60° Cone)

ISO 228-1

# Part Number	Thread inch	Hose I.D. inch	A		E		H	W	B	
			inch	mm	inch	mm	mm	mm	inch	mm
1B443-4-4	1/4x19	1/4	2.40	61	1.14	29	17	19	1.40	36
1B443-6-6	3/8x19	3/8	2.76	70	1.02	26	19	22	1.42	36
1B443-8-8	1/2x14	1/2	3.19	81	1.02	26	22	27	1.57	40
1B443-12-12	3/4x14	3/4	3.30	84	1.30	33	23	32	0.98	25



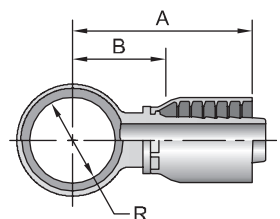
1B543

Female BSP Parallel Pipe - Swivel - (Flat Seat)

ISO 228-1

# Part Number	Thread inch	Hose I.D. inch	A		C		W	B	
			inch	mm	inch	mm	mm	inch	mm
1B543-6-6	3/8x19	3/8	1.93	49	0.35	9	22	0.79	20
1B543-8-6	1/2x14	3/8	1.89	48	0.43	11	27	0.75	19
1B543-8-8	1/2x14	1/2	2.28	58	0.43	11	27	0.94	24
1B543-12-12	3/4x14	3/4	2.28	58	0.33	8	32	0.94	24

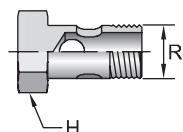
When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.



14943

DIN Metric Banjo

# Part Number	R mm	Hose I.D. inch	A		B	
			inch	mm	inch	mm
14943-12-4	12	1/4	1.85	47	0.98	25
14943-14-5	14	5/16	2.01	51	1.06	27
14943-16-6	16	3/8	2.28	58	1.14	29
14943-18-8	18	1/2	2.60	66	1.22	31
14943-22-10	22	5/8	2.91	74	1.38	35
14943-26-12	26	3/4	3.07	78	1.54	39



AM Banjo Bolt w/DIN Metric Thread

# Part Number	R Thread mm	H mm	Copper Washer 2
AM-03	8	M8x1	853009-8
AM-04	10	M10x1	853009-10
AM-06	12	M12x1,5	853009-12
AM-08	14	M14x1,5	853009-14
AM-10	16	M16x1,5	853009-16
AM-13	18	M18x1,5	853009-18
AM-16	22	M22x1,5	853009-22
AM-20	26	M26x1,5	853009-26
AM-30	30	M30x1,5	853009-30

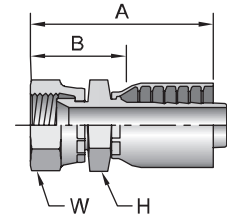
Two (2) copper washers per bolt must be ordered separately.

1MU43

Female Metric - Swivel - (30° Flare)

#	Thread	Hose I.D.	A		H	W	B	
Part Number	mm	inch	inch	mm	mm	mm	inch	mm
1MU43-4-4	M14x1,5	1/4	2.07	53	19	19	1.32	34
1MU43-6-4	M18x1,5	1/4	2.18	55	24	24	1.43	36
1MU43-6-6	M18x1,5	3/8	2.45	62	24	24	1.42	36
1MU43-8-8	M22x1,5	1/2	2.84	72	27	27	1.58	40

Japanese Fittings - Female Swivel 30° Flare with Metric Threads. All 30° flared fitting sizes are available by combining the 1MU43 fittings in sizes up to -8 with the 1XU43 fittings in sizes -10 and larger.

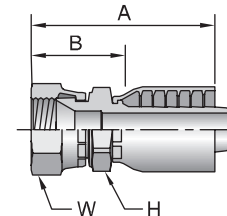


1XU43

Female Metric - Swivel - (30° Flare)

#	Thread	Hose I.D.	A		H	W	B	
Part Number	mm	inch	inch	mm	mm	mm	inch	mm
1XU43-10-10	M24x1,5	5/8	3.25	83	30	32	1.81	46
1XU43-12-12	M30x1,5	3/4	3.40	86	32	36	1.96	50
1XU43-16-16	M33x1,5	1	4.03	102	36	41	2.41	61
1XU43-20-20	M36x1,5	1-1/4	4.19	106	46	46	2.50	64
1XU43-24-24	M42x1,5	1-1/2	4.12	105	50	55	2.75	70

Japanese Fittings - Female Swivel 30° Flare with Metric Threads. All 30° flared fitting sizes are available by combining the 1MU43 fittings in sizes up to -8 with the 1XU43 fittings in sizes -10 and larger.

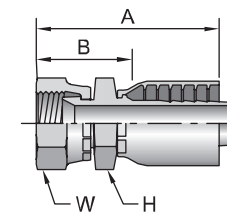


1FU43

Female BSP Parallel Pipe - Swivel - (30° Flare)

ISO 228-1

#	Thread	Hose I.D.	A		H	W	B	
Part Number	inch	inch	inch	mm	mm	mm	inch	mm
1FU43-4-4	1/4x19	1/4	1.90	48	19	19	1.15	29
1FU43-6-6	3/8x19	3/8	2.32	59	22	22	1.29	33
1FU43-8-8	1/2x14	1/2	2.66	68	27	27	1.40	36
1FU43-12-12	3/4x14	3/4	3.06	78	36	36	1.62	41
1FU43-16-16	1x11	1	3.53	90	41	41	1.91	49
1FU43-20-20	1-1/4x11	1-1/4	3.87	98	50	50	2.18	55



Hose
A

Fittings
43 Series
B

Equipment
C

Accessories
D

Technical
E

Hose
A

Fittings
43 Series
B

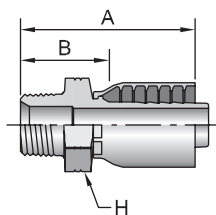
Equipment
C

Accessories
D

Technical
E

1UT43

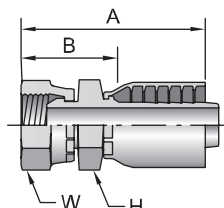
Male BSP Taper Pipe - Rigid - (60° Cone)



# Part Number	Thread inch	Hose I.D. inch	A		H	B	
			inch	mm	mm	inch	mm
1UT43-4-4	1/4x19	1/4	1.92	49	19	1.17	30
1UT43-6-6	3/8x19	3/8	2.25	57	22	1.22	31
1UT43-8-8	1/2x14	1/2	2.68	68	27	1.42	36
1UT43-12-12	3/4x14	3/4	2.96	75	36	1.53	39
1UT43-16-16	1x11	1	3.48	88	41	1.86	47
1UT43-20-20	1-1/4x11	1-1/4	3.75	95	50	2.10	53

1GU43

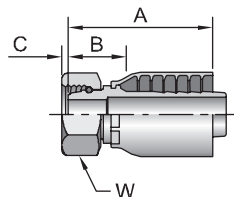
Female BSP Parallel Pipe - Swivel - (60° Cone)
ISO 228-1



# Part Number	Thread inch	Hose I.D. inch	A		H	W	B	
			inch	mm	mm	mm	inch	mm
1GU43-4-4	1/4x19	1/4	2.08	53	19	19	1.33	34
1GU43-6-6	3/8x19	3/8	2.45	62	22	22	1.42	36
1GU43-8-8	1/2x14	1/2	2.81	71	27	27	1.56	40
1GU43-12-12	3/4x14	3/4	3.24	82	36	36	1.81	46
1GU43-16-16	1x11	1	3.74	95	41	41	2.12	54
1GU43-20-20	1-1/4x11	1-1/4	4.07	103	50	50	2.38	60


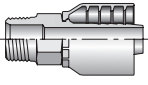

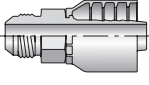
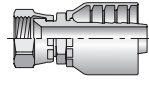
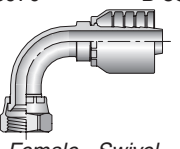

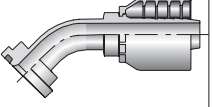
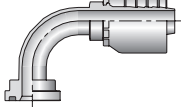

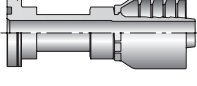
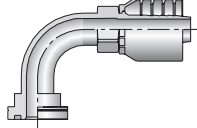

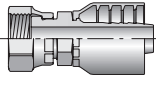
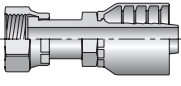
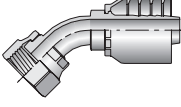
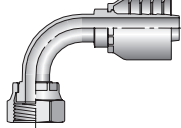
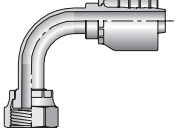
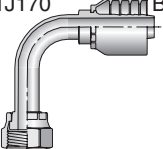

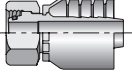



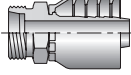
1F443

Female French Gaz Series - Swivel - (Ball Nose)



# Part Number	Thread mm	Hose I.D. inch	A		C		W	B	
			inch	mm	inch	mm	mm	inch	mm
1F443-27-12	27 M36x1,5	3/4	3	76	0.14	4	55	1.14	29

When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.

 NPTF Pipe	10170 B-58  <i>Male - Rigid</i>	 JIC 37°	10370 B-58  <i>Male - Rigid</i>	10670 B-58  <i>Female - Swivel</i>	13970 B-58  <i>Female - Swivel 90° Elbow - Short</i>
 Code 61 Flange	11770 B-59  <i>45° Elbow</i>	11970 B-59  <i>90° Elbow</i>	 Code 62 Flange	16A70 B-59  <i>Flange Head</i>	16N70 B-60  <i>90° Elbow</i>
 Seal-Lok® (O-Ring Face Seal)	1JC70 B-60  <i>Female - Swivel Short</i>	1JS70 B-60  <i>Female - Swivel Long</i>	1J770 B-60  <i>Femal - Swivel 45° Elbow</i>	1J970 B-61  <i>Female - Swivel 90° Elbow - Short</i>	1J570 B-61  <i>Female - Swivel 90° Elbow - Medium</i>
1J170 B-61  <i>Female - Swivel 90° Elbow - Long</i>	 DIN "S" Series w/O-Ring	1C970 B-61  <i>Female - Swivel</i>	 BSP 60° Cone	1GU70 B-62  <i>Female - Swivel</i>	 French Gaz
1FG70 B-62  <i>Male - Rigid</i>					

Hose
A

Fittings
70 Series
B

Equipment
C

Accessories
D

Technical
E

Hose
A

Fittings
70 Series
B

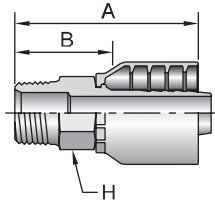
Equipment
C

Accessories
D

Technical
E

10170

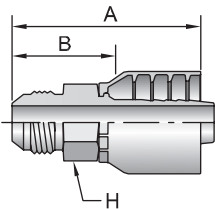
Male NPTF Pipe - Rigid



# Part Number	Thread inch	Hose I.D. inch	A		H	B	
			inch	mm	inch	inch	mm
10170-6-6	3/8x18	3/8	2.37	60	3/4	1.47	37
10170-8-8	1/2x14	1/2	2.84	72	7/8	1.40	36

10370

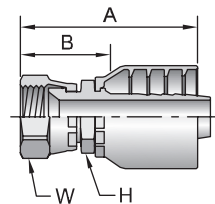
Male JIC 37° - Rigid



# Part Number	Thread inch	Hose I.D. inch	A		H	B	
			inch	mm	inch	inch	mm
10370-8-8	1/2 3/4x16	1/2	2.68	68	7/8	1.47	37
10370-10-8	5/8 7/8x14	1/2	2.62	66	15/16	1.41	36

10670

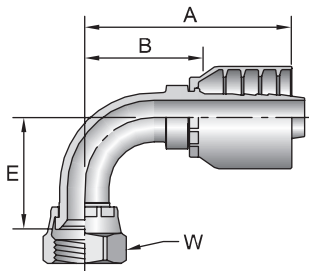
Female JIC 37° - Swivel



# Part Number	Thread inch	Hose I.D. inch	A		H	W	B	
			inch	mm	inch	inch	inch	mm
10670-6-6	3/8 9/16x18	3/8	2.29	58	11/16	11/16	1.39	35
10670-8-8	1/2 3/4x16	1/2	2.62	67	13/16	7/8	1.41	36
10670-10-8	5/8 7/8x14	1/2	2.85	72	7/8	1	1.64	42
10670-10-10	5/8 7/8x14	5/8	2.84	72	15/16	1	1.59	40

13970

Female JIC 37° - Swivel - 90° Elbow - Short Drop






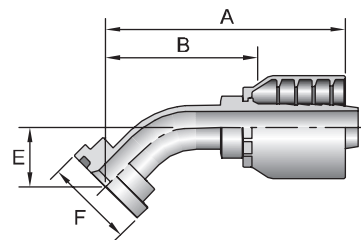
# Part Number	Thread inch	Hose I.D. inch	A		E		W	B	
			inch	mm	inch	mm	inch	inch	mm
13970-8-8	1/2 3/4x16	1/2	2.62	67	1.14	29	7/8	1.41	36

11770

SAE Code 61 Flange Head - 45° Elbow

ISO 12151-3 - 45S - L




#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
11770-8-8	1/2	1/2	3.28	83	0.77	20	1-3/16	2.07	53
11770-12-10	3/4	5/8	3.37	86	0.76	19	1-1/2	2.12	54

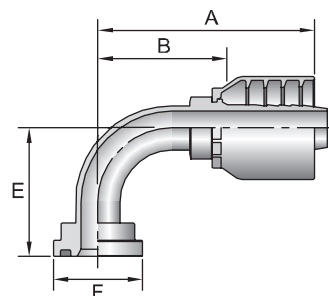


11970

SAE Code 61 Flange Head - 90° Elbow

ISO 12151-3 - E90S - L




#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
11970-8-8	1/2	1/2	2.93	74	1.60	41	1-3/16	1.72	44
11970-12-10	3/4	5/8	3.54	90	2.02	51	1-1/2	2.29	58

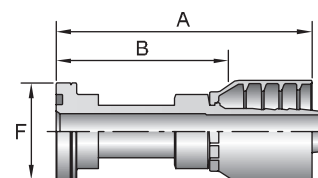


16A70

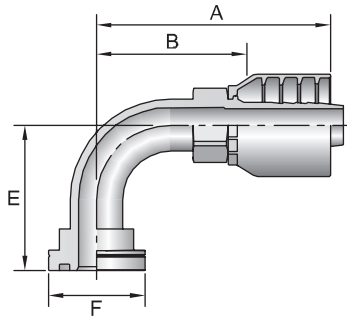
SAE Code 62 Flange Head

ISO 12151-3 - S - S

#			A			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	inch	mm
16A70-8-8	1/2	1/2	3.50	88,9	1-1/4	2.29	56,9






See Accessories for Flange Kits and O-Rings.

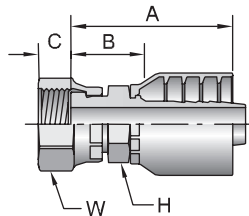


16N70

SAE Code 62 Flange Head - 90° Elbow

ISO 12151-3 - E90S - S (1 Piece: ISO 12151-3 - E90M - S)





#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
16N70-8-8	1/2	1/2	2.60	66	1.61	41	1-1/4	1.34	34

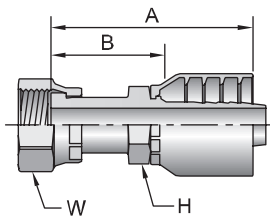


1JC70

Female Seal-Lok® - Swivel - Short

ISO 12151- 1 - SWSA





#			A		C				B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	inch	mm
1JC70-6-6	3/8 11/16x16	3/8	1.94	49	0.34	9	11/16	13/16	1.04	26
1JC70-8-6	1/2 13/16x16	3/8	2.00	51	0.43	11	13/16	15/16	1.10	28
1JC70-8-8	1/2 13/16x16	1/2	2.22	56	0.43	11	13/16	15/16	1.01	26
1JC70-10-10	5/8 1x14	5/8	2.40	61	0.53	13	15/16	1-1/8	1.15	29

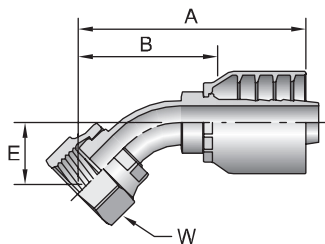


1JS70

Female Seal-Lok® - Swivel - Long

ISO 12151-1 - SWSB




#			A				B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	inch	inch	mm
1JS70-6-6	3/8 11/16x16	3/8	2.28	58	11/16	13/16	1.38	35
1JS70-8-8	1/2 13/16x16	1/2	2.65	67	13/16	15/16	1.44	37
1JS70-12-8	3/4 1-3/16x12	1/2	2.90	74	1-1/8	1-3/8	1.69	43
1JS70-12-10	3/4 1-3/16x12	5/8	3.10	79	1-1/8	1-3/8	1.85	47



1J770

Female Seal-Lok® - Swivel - 45° Elbow

ISO 12151-1 - SWE45

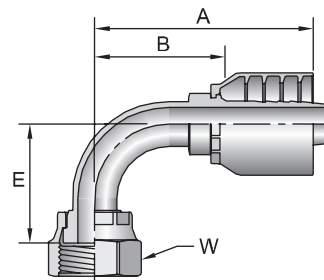
#			A		E			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
1J770-10-10	5/8 1x14	5/8	3.08	78	0.63	16	1-1/8	1.83	46

See Accessories for Flange Kits and O-Rings.

1J970

Female Seal-Lok® - Swivel - 90° Elbow - Short Drop
ISO 12151-1 - SWES90

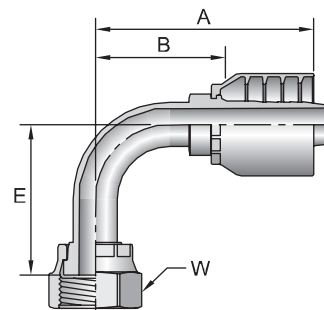
#				A		E		W	B	
Part Number	Thread	Hose I.D.		inch	mm	inch	mm	inch	inch	mm
1J970-8-8	1/2 13/16x16	1/2		2.59	66	1.14	29	15/16	1.38	35
1J970-12-8	3/4 1-3/16x12	1/2		3.21	82	1.88	48	1-3/8	2.00	51



1J570

Female Seal-Lok® - Swivel - 90° Elbow - Medium Drop
ISO 12151-1 - SWSB

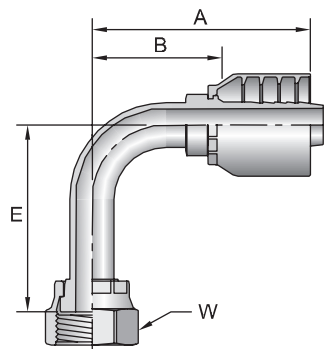
#				A		E		W	B	
Part Number	Thread	Hose I.D.		inch	mm	inch	mm	inch	inch	mm
1J570-10-10	5/8 1x14	5/8		2.88	73	1.85	47	1-1/8	1.63	41



1J170

Female Seal-Lok® - Swivel - 90° Elbow - Long Drop
ISO 12151-1 - SWEL90

#				A		E		W	B	
Part Number	Thread	Hose I.D.		inch	mm	inch	mm	inch	inch	mm
1J170-8-8	1/2 13/16x16	1/2		2.59	66	2.52	65	15/16	1.38	35
1J170-10-10	5/8 1x14	5/8		2.88	73	2.76	70	1-1/8	1.63	41

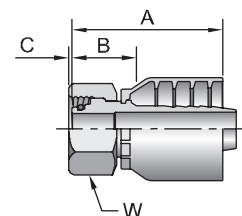


1C970

Female Metric S - Swivel - (24° Cone with O-Ring)

#				A		C		W	B	
Part Number	Thread	Hose I.D.		inch	mm	inch	mm	mm	inch	mm
1C970-12-6	12 M20x1,5	3/8		2.03	52	0.03	1	24	1.13	29
1C970-16-8	16 M24x1,5	1/2		2.31	59	0.09	2	30	1.10	28
1C970-20-10	20 M30x2	5/8		2.51	64	0.05	1	36	1.26	32

When measuring overall length to end of nut, B + C dimensions must be used to calculate cut-off allowance.



Hose
A

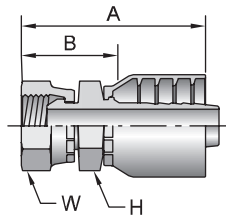
Fittings
70 Series
B

Equipment
C

Accessories
D

Technical
E

Hose
A

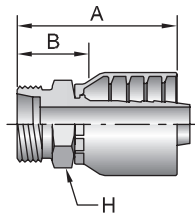


1GU70

Female BSP Parallel Pipe - Swivel - (60° Cone)

#								
Part Number	Thread	Hose I.D.	A		H	W	B	
	Inch	inch	inch	mm	mm	inch	inch	mm
1GU70-6-6	3/8x19	3/8	2.45	62	22	NA	1.55	39
1GU70-8-8	1/2x14	1/2	2.82	72	27	NA	1.61	41

Fittings
70 Series
B



1FG70

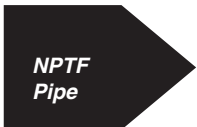
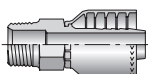

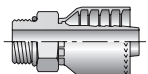

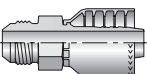
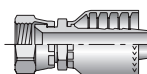
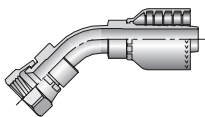
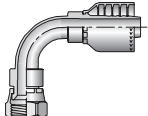
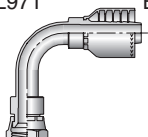
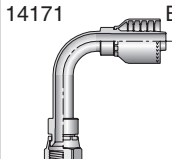

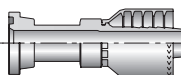
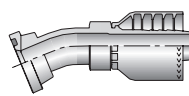
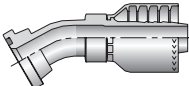
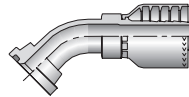
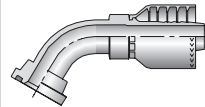
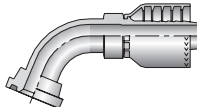
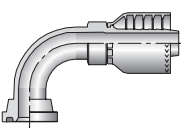
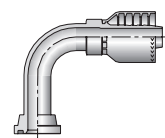
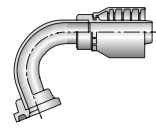

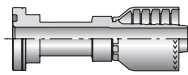
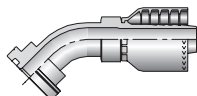
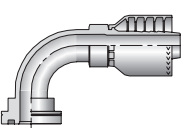

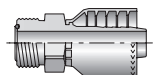
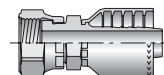
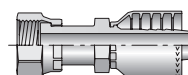
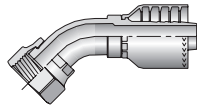
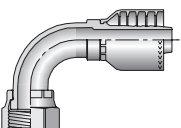
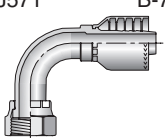
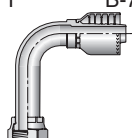

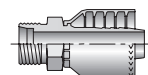
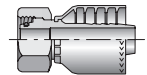

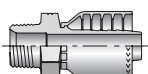



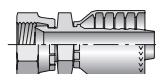

Male French Gaz Series - Rigid - (24° Cone)

#								
Part Number	Thread	Hose I.D.	A		H		B	
	mm	inch	inch	mm	inch	mm	inch	mm
1FG70-21-10	21 M30x1,5	5/8	2.87	73	1.18	30	1.62	41

Equipment
C

Accessories
D

Technical
E

 NPTF Pipe	10171 B-64  <i>Male - Rigid</i>	 SAE	10571 B-64  <i>Male - Rigid</i>	 JIC	10371 B-64  <i>Male - Rigid</i>
10671 B-65  <i>Female - Swivel</i>	13771 B-65  <i>Female - Swivel 45° Elbow - Short</i>	13971 B-66  <i>Female - Swivel 90° Elbow - Short</i>	1L971 B-66  <i>Female - Swivel 90° Elbow - Medium</i>	14171 B-66  <i>Female - Swivel 90° Elbow - Long</i>	 Flange Code 61
11571 B-67  <i>Flange</i>	11671 B-67  <i>22-1/2° Elbow</i>	12671 B-68  <i>30° Elbow</i>	11771 B-68  <i>45° Elbow</i>	12771 B-68  <i>60° Elbow</i>	11871 B-69  <i>67-1/2° Elbow</i>
11971 B-69  <i>90° Elbow</i>	18971 B-70  <i>90° Elbow-Long</i>	12U71 B-70  <i>110° Elbow</i>	 Flange Code 62	16A71 B-70  <i>Flange</i>	16F71 B-70  <i>45° Elbow</i>
16N71 B-71  <i>90° Elbow</i>	 Seal-Lok® (O-Ring Face Seal)	1J071 B-71  <i>Male - Rigid</i>	1JC71 B-71  <i>Female - Swivel Short</i>	1JS71 B-72  <i>Female - Swivel Long</i>	1J771 B-72  <i>Female - Swivel 45° Elbow</i>
1J971 B-73  <i>Female - Swivel 90° Elbow - Short</i>	1J571 B-73  <i>Female - Swivel 90° Elbow - Medium</i>	1J171 B-73  <i>Female - Swivel 90° Elbow - Long</i>	 Metric "S"	1D271 B-74  <i>Male - Rigid</i>	1C971 B-74  <i>Female - Swivel</i>
 BSP	1UT71 B-74  <i>Male - Rigid</i>	1GU71 B-74  <i>Female - Swivel</i>	1FU71 B-75  <i>Female - Swivel</i>	 Metric	1MU71 B-75  <i>Female - Swivel</i>
1XU71 B-75  <i>Female - Swivel</i>					

Hose
A

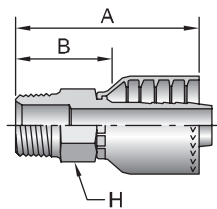
Fittings
71 Series
B

Equipment
C

Accessories
D

Technical
E

Hose
A



10171

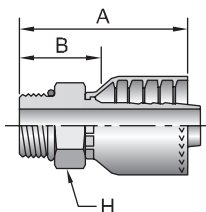
Male NPTF Pipe - Rigid

# Part Number	Thread inch	Hose I.D. inch	A		H	B	
			inch	mm		inch	mm
10171-6-6	3/8x18	3/8	2.36	60	3/4	1.47	37
10171-8-8	1/2x14	1/2	2.82	72	7/8	1.63	41
10171-12-8	3/4x14	1/2	2.67	68	1-1/16	1.47	37
10171-12-12	3/4x14	3/4	3.08	78	1-1/16	1.71	43
10171-16-12	1x11-1/2	3/4	3.08	78	1-3/8	1.72	44
10171-16-16	1x11-1/2	1	3.63	92	1-3/8	2.04	52
10171-20-16	1-1/4x11-1/2	1	3.49	89	1-11/16	1.90	48
10171-20-20	1-1/4x11-1/2	1-1/4	4.06	103	1-3/4	2.39	61
10171-24-20	1-1/2x11-1/2	1-1/4	3.77	96	2	2.10	53
10171-24-24	1-1/2x11-1/2	1-1/2	4.32	110	2	2.19	56
10171-32-32	2x11-1/2	2	4.66	118	2-1/2	2.52	64

Fittings
71 Series
B

10571

Male SAE Straight Thread with O-Ring - Rigid

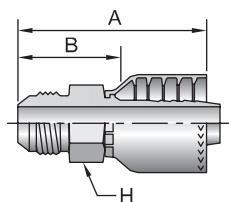


# Part Number	Thread inch		Hose I.D. inch	A		H	B	
				inch	mm		inch	mm
10571-8-8	1/2	3/4x16	1/2	2.44	62	7/8	1.25	32
10571-12-12	3/4	1-1/16x12	3/4	2.79	71	1-1/4	1.43	36
10571-16-16	1	1-5/16x12	1	3.42	87	1-1/2	1.77	45
10571-20-20	1-1/4	1-5/8x12	1-1/4	3.67	93	1-7/8	2.00	51

Equipment
C

10371

Male JIC 37° - Rigid



# Part Number	Thread inch		Hose I.D. inch	A		H	B	
				inch	mm		inch	mm
10371-6-6	3/8	9/16x18	3/8	2.44	62	3/4	1.55	39
10371-8-6	1/2	3/4x16	3/8	2.29	58	7/8	1.40	36
10371-8-8	1/2	3/4x16	1/2	2.66	68	7/8	1.41	36
10371-10-8	5/8	7/8x14	1/2	2.60	66	15/16	1.41	36
10371-10-10	5/8	7/8x14	5/8	2.93	74	15/16	1.69	43
10371-12-12	3/4	1-1/16x12	3/4	3.17	80	1-1/8	1.81	46
10371-14-12	7/8	1-3/16x12	3/4	3.09	78	1-1/4	1.73	44
10371-16-12	1	1-5/16x12	3/4	3.02	77	1-3/8	1.66	42
10371-16-16	1	1-5/16x12	1	3.68	93	1-3/8	2.03	52
10371-20-16	1-1/4	1-5/8x12	1	3.43	87	1-7/8	1.84	47
10371-20-20	1-1/4	1-5/8x12	1-1/4	3.94	100	1-7/8	2.27	58

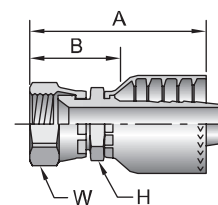
Accessories
D

Technical
E

10671

Female JIC 37° - Swivel

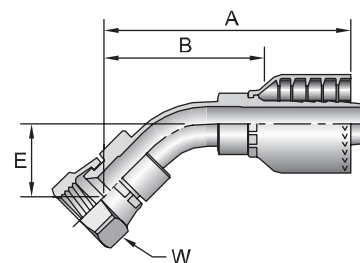
# Part Number	Thread		Hose I.D. inch	A		H inch	W inch	B		Additional Material Stainless Steel (C)
	inch			inch	mm			inch	mm	
10671-6-6	3/8	9/16x18	3/8	2.28	58	11/16	11/16	1.39	35	
10671-8-6	1/2	3/4x16	3/8	2.47	63	11/16	7/8	1.58	40	
10671-8-8	1/2	3/4x16	1/2	2.61	66	13/16	7/8	1.41	36	•
10671-10-8	5/8	7/8x14	1/2	2.84	72	7/8	1	1.64	42	
10671-10-10	5/8	7/8x14	5/8	2.83	72	15/16	1	1.58	40	
10671-10-12	5/8	7/8x14	3/4	2.92	74	1-1/16	1	1.54	39	
10671-12-8	3/4	1-1/16x12	1/2	2.75	70	1-1/16	1-1/4	1.58	40	
10671-12-10	3/4	1-1/16x12	5/8	3.00	76	1-1/16	1-1/4	1.75	44	
10671-12-12	3/4	1-1/16x12	3/4	2.96	75	1-1/16	1-1/4	1.60	41	•
10671-12-16	3/4	1-1/16x12	1	3.37	86	1-3/8	1-1/4	1.67	42	
10671-14-12	7/8	1-3/16x12	3/4	3.01	76	1-1/4	1-3/8	1.61	41	
10671-16-12	1	1-5/16x12	3/4	3.28	83	1-1/4	1-1/2	1.92	49	
10671-16-16	1	1-5/16x12	1	3.60	91	1-3/8	1-1/2	2.01	51	•
10671-20-16	1-1/4	1-5/8x12	1	3.80	97	1-5/8	2	2.21	56	
10671-20-20	1-1/4	1-5/8x12	1-1/4	3.92	100	1-7/8	2	2.25	57	•
10671-24-20 [^]	1-1/2	1-7/8x12	1-1/4	4.10	104	2-1/8	2-1/4	2.43	62	
10671-24-24	1-1/2	1-7/8x12	1-1/2	4.69	119	2-1/8	2-1/4	2.50	64	•
10671-32-32	2	2-1/2x12	2	5.39	137	2-1/2	2-7/8	3.19	81	



13771

Female JIC 37° - Swivel - 45° Elbow - Short Drop

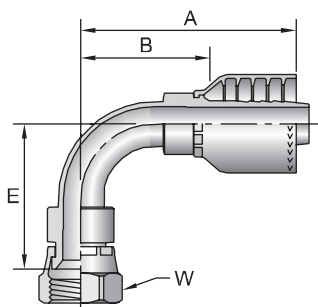
# Part Number	Thread		Hose I.D. inch	A		E		W inch	B	
	inch			inch	mm	inch	mm		inch	mm
13771-6-6	3/8	9/16x18	3/8	2.34	59	0.43	11	11/16	1.44	37
13771-8-8	1/2	3/4x16	1/2	2.83	72	0.59	15	7/8	1.62	41
13771-10-8	5/8	7/8x14	1/2	2.93	74	0.63	16	1	1.72	44
13771-10-10	5/8	7/8x14	5/8	3.08	78	0.63	16	1	1.83	46
13771-12-12	3/4	1-1/16x12	3/4	3.64	92	0.83	21	1-1/4	2.26	57
13771-16-16	1	1-5/16x12	1	4.20	107	0.90	23	1-1/2	2.61	66
13771-20-20	1-1/4	1-5/8x12	1-1/4	5.22	133	1.69	43	2	3.53	90



Stainless steel fittings must be assembled with Karrykrimp 2, PHastkrimp, Superkrimp or Parkrimp 2. See CrimpSource for more information.

[^] Must be assembled with Die Part No. 83C-D16H in a Superkrimp or Parkrimp 2.

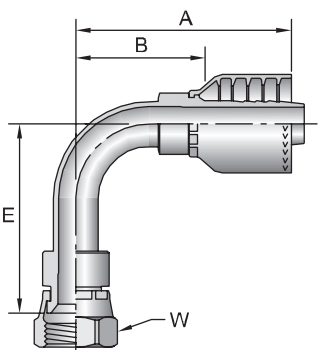
^{^^} Must be assembled with Die Part No. 83C-D20H in a Superkrimp or Parkrimp 2.



13971

Female JIC 37° - Swivel - 90° Elbow - Short Drop

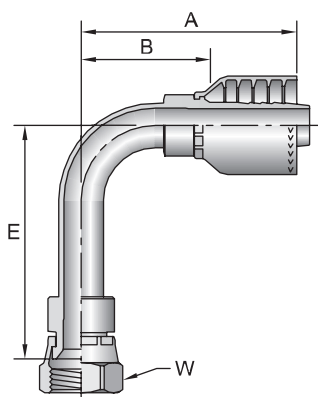
#									
Part Number	Thread	Hose I.D.	A	E	W	B			
	inch	inch	inch	mm	inch	mm	inch	inch	mm
13971-6-6	3/8 9/16x18	3/8	2.21	56	0.91	23	11/16	1.31	33
13971-8-8	1/2 3/4x16	1/2	2.62	67	1.14	29	7/8	1.41	36
13971-10-8	5/8 7/8x14	1/2	2.74	70	1.26	32	1	1.53	39
13971-10-10	5/8 7/8x14	5/8	2.88	73	1.26	32	1	1.63	41
13971-12-10	3/4 1-1/16x12	5/8	2.98	76	1.89	48	1-1/4	1.73	44
13971-12-12	3/4 1-1/16x12	3/4	3.50	89	1.89	48	1-1/4	2.11	54
13971-16-16	1 1-5/16x12	1	4.36	111	2.20	56	1-1/2	2.58	66
13971-20-20	1-1/4 1-5/8x12	1-1/4	4.78	121	3.33	85	2	3.11	79
13971-24-24	1-1/2 1-7/8x12	1-1/2	6.33	161	3.98	101	2-1/4	4.14	105



1L971

Female JIC 37° - Swivel - 90° Elbow - Medium Drop

#									
Part Number	Thread	Hose I.D.	A	E	W	B			
	inch	inch	inch	mm	inch	mm	inch	inch	mm
1L971-10-8	5/8 7/8x14	1/2	3.24	82	1.75	44	1	2.04	52






14171

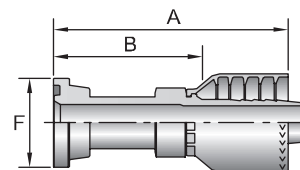
Female JIC 37° - Swivel - 90° Elbow - Long Drop

#									
Part Number	Thread	Hose I.D.	A	E	W	B			
	inch	inch	inch	mm	inch	mm	inch	inch	mm
14171-6-6	3/8 9/16x18	3/8	2.34	59	2.13	54	11/16	1.44	37
14171-8-8	1/2 3/4x16	1/2	2.58	66	2.52	64	7/8	1.37	35
14171-12-12	3/4 1-1/16x14	3/4	3.49	89	3.78	96	1-1/4	2.11	54
14171-16-16	1 1-5/16x12	1	4.36	111	4.32	110	1-1/2	2.58	66

11571




SAE Code 61 Flange Head
ISO 12151-3 - S - L

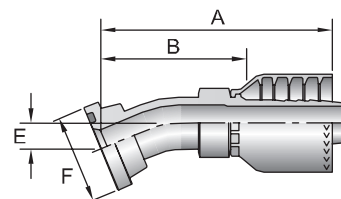
# Part Number	 Flange inch	 Hose I.D. inch	A		 F inch	B	
			inch	mm		inch	mm
11571-8-8	1/2	1/2	3.48	88	1-3/16	2.27	58
11571-10-10	5/8	5/8	3.69	93,7	1-11/32	2.44	62,0
11571-12-8	3/4	1/2	2.46	62,5	1-1/2	1.26	32,0
11571-12-12	3/4	3/4	3.86	98	1-1/2	2.48	63
11571-16-12	1	3/4	2.74	70	1-3/4	1.36	35
11571-16-16	1	1	4.32	110	1-3/4	2.55	65
11571-20-12	1-1/4	3/4	3.90	99	2	2.54	65
11571-20-16	1-1/4	1	3.27	83	2	1.58	40
11571-20-20	1-1/4	1-1/4	4.70	119	2	3.01	76
11571-20-24	1-1/4	1-1/2	5.41	137	2	3.22	82
11571-24-16^	1-1/2	1	3.41	86,6	2-3/8	1.63	41,4
11571-24-20^^	1-1/2	1-1/4	4.08	104	2-3/8	2.39	61
11571-24-24	1-1/2	1-1/2	5.46	139	2-3/8	3.27	83
11571-24-32	1-1/2	2	5.65	144	2-3/8	3.45	88
11571-32-20^^	2	1-1/4	4.29	109,0	2-13/16	2.60	66,0
11571-32-24	2	1-1/2	4.01	102	2-13/16	1.82	46
11571-32-32	2	2	5.65	144	2-13/16	3.45	88
11571-40-32	2-1/2	2	4.51	115	3-5/16	2.31	59



11671

SAE Code 61 Flange Head - 22-1/2° Elbow
ISO 12151-3 - E22M - L

# Part Number	 Flange inch	 Hose I.D. inch	A		E		 F inch	B	
			inch	mm	inch	mm		inch	mm
11671-12-12	3/4	3/4	3.90	99	0.44	11	1-1/2	2.54	65
11671-16-12	1	3/4	3.89	99	0.44	11	1-3/4	2.53	64
11671-16-16	1	1	4.26	108	0.44	11	1-3/4	2.67	68
11671-20-16	1-1/4	1	4.36	111	0.47	12	2	2.77	70
11671-20-20	1-1/4	1-1/4	4.67	119	0.50	13	2	3.00	76
11671-24-20^^	1-1/2	1-1/4	4.68	119	0.53	13	2-3/8	3.01	76
11671-24-24	1-1/2	1-1/2	5.88	149	0.63	16	2-3/8	3.69	94
11671-32-32	2	2	7.37	187	0.88	22	2-13/16	5.22	133

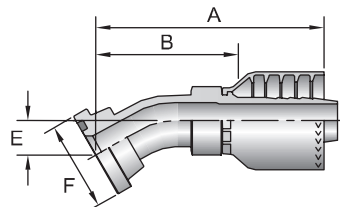


^ Must be assembled with Die Part No. 83C-D16H in a Superkrimp or Parkrimp 2.

^^ Must be assembled with Die Part No. 83C-D20H in a Superkrimp or Parkrimp 2.

See Accessories for Flange Kits and O-Rings.

Hose
A



Fittings
71 Series
B

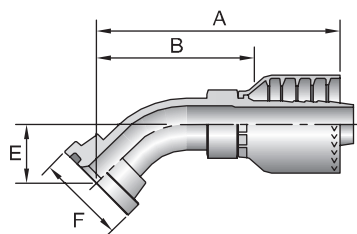
12671

SAE Code 61 Flange Head - 30° Elbow

ISO 12151-3 - E30S - L (1 Piece: ISO 12151-3 - E30M - L)

#	Flange	Hose I.D.	A		E		F	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
12671-12-12	3/4	3/4	3.90	99	0.59	15	1-1/2	2.52	64
12671-16-16	1	1	4.46	113	0.62	16	1-3/4	2.68	68
12671-20-16	1-1/4	1	4.46	113	0.62	16	2	2.68	68
12671-20-20	1-1/4	1-1/4	4.87	124	0.72	18	2	3.18	81
12671-24-24	1-1/2	1-1/2	6.01	153	0.88	22	2-3/8	3.82	97
12671-32-24	2	1-1/2	6.01	153	0.88	22	2-13/16	3.82	97
12671-32-32	2	2	7.60	193	1.25	32	2-13/16	5.40	137

Equipment
C



11771

SAE Code 61 Flange Head - 45° Elbow

ISO 12151-3 - E45S - L (1 Piece: ISO 12151-3 - E45M - L)

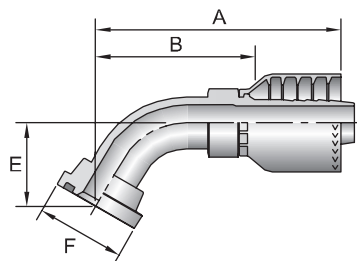
#	Flange	Hose I.D.	A		E		F	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
11771-10-10	5/8	5/8	4.54	115	0.94	24	1-11/32	3.29	84
11771-12-8	3/4	1/2	3.27	83	0.84	21	1-1/2	2.07	53
11771-12-10	3/4	5/8	3.94	100	0.76	19	1-1/2	2.70	69
11771-12-12	3/4	3/4	3.85	98	1.02	26	1-1/2	2.47	63
11771-16-12	1	3/4	3.85	98	1.02	26	1-3/4	2.47	63
11771-16-16	1	1	4.84	123	1.26	32	1-3/4	3.06	78
11771-20-16	1-1/4	1	4.84	123	1.02	26	2	3.06	78
11771-20-20 [^]	1-1/4	1-1/4	5.61	142	1.50	38	2	3.92	100
11771-20-24	1-1/4	1-1/2	6.22	158	1.12	28	2	4.03	102
11771-24-20 [^]	1-1/2	1-1/4	5.55	141	1.50	38	2-3/8	3.86	98
11771-24-24	1-1/2	1-1/2	6.22	158	1.41	36	2-3/8	4.03	102
11771-32-24	2	1-1/2	6.19	157	1.41	36	2-13/16	4.00	102
11771-32-32	2	2	7.94	202	2.03	52	2-13/16	5.74	146
11771-40-32	2-1/2	2	7.83	199	2.03	52	3-5/16	5.62	143

Accessories
D

12771

SAE Code 61 Flange Head - 60° Elbow

ISO 12151-3 - E60S - L (1 Piece: ISO 12151-3 - E60M - L)



#	Flange	Hose I.D.	A		E		F	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
12771-12-12	3/4	3/4	4.16	106	1.43	36	1-1/2	2.78	71
12771-16-12	1	3/4	4.15	105	1.39	35	1-3/4	2.77	70
12771-16-16	1	1	4.74	120	1.49	38	1-3/4	3.36	85
12771-20-20	1-1/4	1-1/4	5.10	130	1.69	43	2	3.41	87
12771-24-20 [^]	1-1/2	1-1/4	5.12	130	1.70	43	2-3/8	3.43	87
12771-24-24	1-1/2	1-1/2	6.25	159	2.03	52	2-3/8	4.06	103
12771-32-32	2	2	7.93	201	2.88	73	2-13/16	5.73	146

[^] Must be assembled with Die Part No. 83C-D16H in a Superkrimp or Parkrimp 2.

^{^^} Must be assembled with Die Part No. 83C-D20H in a Superkrimp or Parkrimp 2.

See Accessories for Flange Kits and O-Rings.

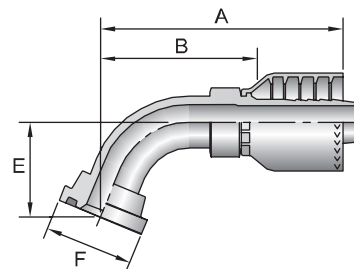
Technical
E

11871

SAE Code 61 Flange Head - 67-1/2° Elbow

ISO 12151-3 - E67S - L (1 Piece: ISO 12151-3 - E67M - L)

#	Flange	Hose I.D.	A		E		F	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
11871-12-12	3/4	3/4	4.12	105	1.62	41	1-1/2	2.74	70
11871-16-12	1	3/4	4.11	104	1.59	40	1-3/4	2.73	69
11871-16-16	1	1	4.76	121	1.75	44	1-3/4	2.98	76
11871-20-20	1-1/4	1-1/4	5.08	129	1.94	49	2	3.39	86
11871-24-20 ^{^^}	1-1/2	1-1/4	5.07	129	1.95	50	2-3/8	3.38	86
11871-24-24	1-1/2	1-1/2	6.20	157	2.31	59	2-3/8	4.01	102
11871-32-24	2	1-1/2	6.20	157	2.31	59	2-13/16	4.01	102
11871-32-32	2	2	7.89	200	3.31	84	2-13/16	5.69	145

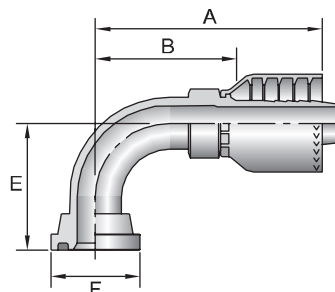


11971

SAE Code 61 Flange Head - 90° Elbow

ISO 12151-3 - E90S - L (1 Piece: ISO 12151-3 - E90M - L)

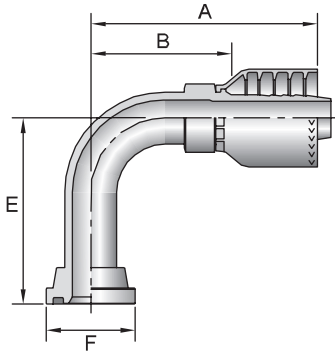
#	Flange	Hose I.D.	A		E		F	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
11971-8-8	1/2	1/2	2.93	74	1.6	41	1-3/16	1.72	44
11971-10-10	5/8	5/8	3.62	92	2.10	53	1-11/32	2.37	60
11971-12-8	3/4	1/2	2.93	74	1.66	42	1-1/2	1.72	44
11971-12-10	3/4	5/8	3.62	92	2.10	53	1-1/2	2.37	60
11971-12-12	3/4	3/4	3.48	88	2.28	58	1-1/2	2.10	53
11971-16-12	1	3/4	3.52	89	2.28	58	1-3/4	2.14	54
11971-16-16	1	1	4.36	111	2.76	70	1-3/4	2.58	66
11971-16-20	1	1-1/4	4.53	115	2.39	61	1-3/4	2.75	70
11971-20-12	1-1/4	3/4	3.81	97	2.13	54	2	2.45	62
11971-20-16	1-1/4	1	4.33	110	2.76	70	2	2.55	65
11971-20-20	1-1/4	1-1/4	5.12	130	3.54	90	2	3.43	87
11971-20-24	1-1/4	1-1/2	6.33	161	3.00	76	2	4.14	105
11971-24-16 [^]	1-1/2	1	4.53	115	2.39	61	2-3/8	2.75	70
11971-24-20 ^{^^}	1-1/2	1-1/4	5.09	129	3.54	90	2-3/8	3.40	86
11971-24-24	1-1/2	1-1/2	6.34	161	4.09	104	2-3/8	4.15	105
11971-32-24	2	1-1/2	5.84	148	3.12	79	2-13/16	3.65	93
11971-32-32	2	2	7.75	197	5.43	138	2-13/16	5.55	141
11971-40-32	2-1/2	2	7.43	189	4.5	114	3-5/16	5.23	133



[^] Must be assembled with Die Part No. 83C-D16H in a Superkrimp or Parkrimp 2.

^{^^} Must be assembled with Die Part No. 83C-D20H in a Superkrimp or Parkrimp 2.

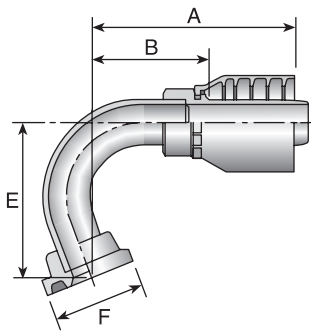
See Accessories for Flange Kits and O-Rings.



18971

SAE Code 61 Flange Head - 90° Elbow - Long Drop

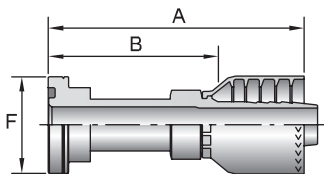
#	Flange	Hose I.D.	A		E		F	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
18971-12-12	3/4	3/4	3.49	89	3.03	77	1-1/2	2.11	54
18971-16-16	1	1	4.52	115	4.60	117	1-3/4	2.74	70
18971-20-16	1-1/4	1	4.53	115	4.60	117	2	2.75	70



12U71

SAE Code 61 Flange Head - 110° Elbow

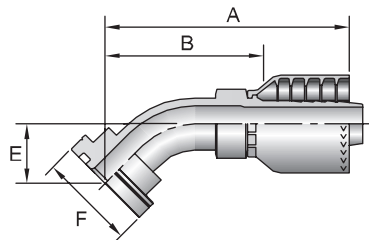
#	Flange	Hose I.D.	A		E		F	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
12U71-16-16	1	1	4.49	114	3.69	94	1-3/4	2.71	69



16A71

SAE Code 62 Flange Head ISO 12151-3 - S - S

#	Flange	Hose I.D.	A		F	B	
Part Number	inch	inch	inch	mm	inch	inch	mm
16A71-12-12	3/4	3/4	4.31	109	1-5/8	2.93	74
16A71-16-12	1	3/4	3.10	78,7	1-7/8	1.72	43,7
16A71-16-16	1	1	4.89	124	1-7/8	3.11	79
16A71-20-16	1-1/4	1	3.69	93,7	2-1/8	1.91	48,5
16A71-20-20	1-1/4	1-1/4	5.01	127,3	2-1/8	3.32	84,3
16A71-24-24	1-1/2	1-1/2	6.34	161,0	2-1/2	4.15	105,4
16A71-32-32	2	2	7.16	182	3-1/8	4.96	126



16F71

SAE Code 62 Flange Head - 45° Elbow ISO 12151-3 - E45S - L (1 Piece: ISO 12151-3 - E45M - S)

#	Flange	Hose I.D.	A		E		F	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
16F71-12-12	3/4	3/4	3.82	97	1.03	26	1-5/8	2.44	62
16F71-16-16	1	1	4.74	120,3	1.26	32	1-7/8	2.96	75,2
16F71-20-16	1-1/4	1	4.61	117	1.06	27	2-1/8	3.02	77
16F71-20-20	1-1/4	1-1/4	5.07	129	1.19	30	2-1/8	3.38	86
16F71-24-24	1-1/2	1-1/2	6.21	158	1.44	37	2-1/2	4.02	102
16F71-32-32	2	2	7.87	200	2.05	52	3-1/8	5.67	144

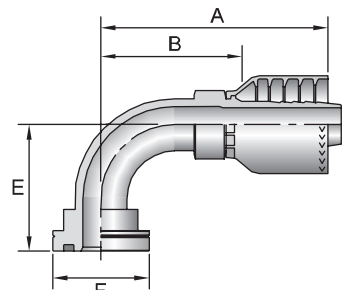
See Accessories for Flange Kits and O-Rings.

16N71

SAE Code 62 Flange Head - 90° Elbow

ISO 12151-3 - E90S - L (1 Piece: ISO 12151-3 - E90M - S)




#	Flange	Hose I.D.	A		E		F	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
16N71-12-12	3/4	3/4	3.51	89	2.28	58	1-5/8	2.13	54
16N71-16-12	1	3/4	3.49	89	2.29	58	1-7/8	2.11	54
16N71-16-16	1	1	4.36	111	2.76	70	1-7/8	2.58	66
16N71-20-16	1-1/4	1	4.36	111	2.76	70	2-1/8	2.58	66
16N71-20-20	1-1/4	1-1/4	5.09	129	3.54	90	2-1/8	3.40	86
16N71-24-24	1-1/2	1-1/2	5.85	149	3.12	79	2-1/2	3.66	93
16N71-32-32	2	2	7.73	196	4.50	114	3-1/8	5.53	140

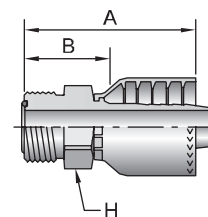


1J071

Male Seal-Lok® - Rigid - (with O-Ring)

ISO 12151-1 - S





#				A			B	
Part Number	Thread inch		Hose I.D. inch	inch	mm	inch	inch	mm
1J071-8-8	1/2	13/16x16	1/2	2.40	61	7/8	1.20	30
1J071-10-8	5/8	1x14	1/2	2.61	66	1-1/16	1.41	36
1J071-10-10	5/8	1x14	5/8	2.69	68	1-1/16	1.44	37
1J071-12-10	3/4	1-3/16x12	5/8	2.79	71	1-1/4	1.55	39
1J071-12-12	3/4	1-3/16x12	3/4	2.87	73	1-1/4	1.51	38
1J071-16-12	1	1-7/16x12	3/4	2.91	74	1-1/2	1.53	39
1J071-16-16	1	1-7/16x12	1	3.27	83	1-1/2	1.68	43
1J071-20-20	1-1/4	1-11/16x12	1-1/4	3.31	84	1-3/4	1.64	42
1J071-24-24	1-1/2	2x12	1-1/2	4.02	102	2-1/8	1.83	46



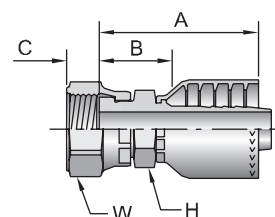
1JC71

Female Seal-Lok® - Swivel - Short

ISO 12151-1 - SWSA

#				A		C					
Part Number	Thread		Hose I.D.					H	W	B	
	inch		inch	inch	mm	inch	mm	inch	inch	inch	mm
1JC71-8-8	1/2	13/16x16	1/2	2.22	56	0.43	11	13/16	15/16	1.01	26
1JC71-10-10	5/8	1x14	5/8	2.40	61	0.48	12	15/16	1-1/8	1.15	29
1JC71-12-12	3/4	1-3/16x12	3/4	2.68	68	0.55	14	1-1/8	1-3/8	1.30	33
1JC71-16-16	1	1-7/16x12	1	3.22	82	0.56	14	1-3/8	1-5/8	1.44	37
1JC71-20-16	1-1/4	1-11/16x12	1	3.16	80	0.59	15	1-5/8	1-7/8	1.38	35

When measuring overall length to end of nut, B+C dimensions must be used to calculate cut-off allowance.



See Accessories for Flange Kits and O-Rings.

Hose
A

Fittings
 71 Series
B

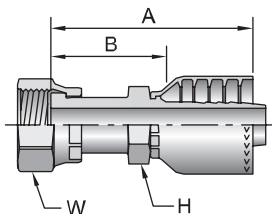
Equipment
C

Accessories
D

Technical
E

1JS71

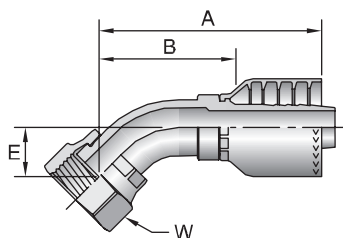
Female Seal-Lok® - Swivel - Long
 ISO 12151-1 - SWSB



#	Thread	Hose I.D.	A	H	W	B
Part Number	inch	inch	inch mm	inch	inch	inch mm
1JS71-6-6	3/8 11/16x16	3/8	2.80 58	11/16	13/16	1.38 35
1JS71-6-8	3/8 11/16x16	1/2	2.50 64	13/16	13/16	1.29 33
1JS71-8-8	1/2 13/16x16	1/2	2.64 67	13/16	15/16	1.44 37
1JS71-10-8	5/8 1x14	1/2	2.89 73	13/16	1-1/8	1.69 43
1JS71-10-10	5/8 1x14	5/8	3.00 76	15/16	1-1/8	1.75 44
1JS71-10-12	5/8 1x14	3/4	3.08 78	1-1/16	1-1/8	1.70 43
1JS71-12-10	3/4 1-3/16x12	5/8	3.10 79	1-1/8	1-3/8	1.85 47
1JS71-12-12	3/4 1-3/16x12	3/4	3.31 84	1-1/16	1-3/8	1.93 49
1JS71-16-12	1 1-7/16x12	3/4	3.37 86	1-5/16	1-5/8	1.99 51
1JS71-16-16	1 1-7/16x12	1	3.70 94	1-5/16	1-5/8	1.92 49
1JS71-20-16^	1-1/4 1-11/16x12	1	3.64 92	1-3/4	1-7/8	1.94 49
1JS71-20-20	1-1/4 1-11/16x12	1-1/4	3.77 96	1-3/4	1-7/8	2.08 53
1JS71-24-24	1-1/2 2x12	1-1/2	4.51 114,6	2	2-1/4	2.32 58,9

1J771

Female Seal-Lok® - Swivel - 45° Elbow
 ISO 12151-1 - SWE45






#	Thread	Hose I.D.	A	E	W	B
Part Number	inch	inch	inch mm	inch mm	inch	inch mm
1J771-6-6	3/8 11/16x16	3/8	2.34 59	0.43 11	13/16	1.44 37
1J771-8-8	1/2 13/16x16	1/2	2.83 72	0.59 15	15/16	1.62 41
1J771-10-8	5/8 1x14	1/2	2.93 74	0.63 16	1-1/8	1.72 44
1J771-10-10	5/8 1x14	5/8	3.08 78	0.63 16	1-1/8	1.83 46
1J771-12-12	3/4 1-3/16x12	3/4	3.63 92	0.83 21	1-3/8	2.25 57
1J771-16-16	1 1-7/16x12	1	4.46 113	0.94 24	1-5/8	2.68 68
1J771-20-20	1-1/4 1-11/16x12	1-1/4	4.75 121	1.00 25	1-7/8	3.08 78
1J771-24-24	1-1/2 2x12	1-1/2	5.43 138	1.07 27	2-1/4	3.23 82

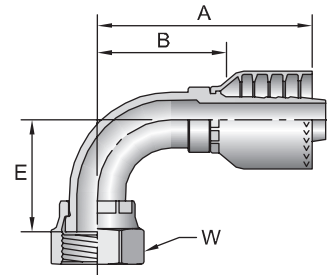
^ Must be assembled with Die Part No. 83C-D16H in a Superkrimp or Parkrimp 2.

^^ Must be assembled with Die Part No. 83C-D20H in a Superkrimp or Parkrimp 2.
 See Accessories for O-Rings.

1J971




Female Seal-Lok® - Swivel - 90° Elbow - Short Drop
ISO 12151-1 - SWES90

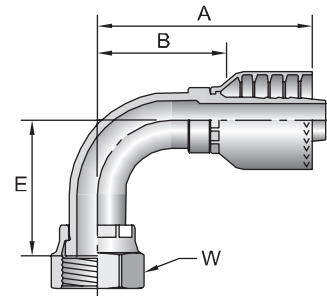
#				A		E			B	
Part Number	Thread inch		Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
1J971-6-6	3/8	11/16x16	3/8	2.21	56	0.91	23	13/16	1.31	33
1J971-8-8	1/2	13/16x16	1/2	2.59	66	1.14	29	15/16	1.38	35
1J971-10-8	5/8	1x14	1/2	2.74	70	1.26	32	1-1/8	1.53	39
1J971-10-10	5/8	1x14	5/8	2.88	73	1.26	32	1-1/8	1.63	41
1J971-10-12	5/8	1x14	3/4	3.07	78	1.27	32	1-1/8	1.70	43
1J971-12-10	3/4	1-3/16x12	5/8	3.40	86	1.89	48	1-3/8	2.15	55
1J971-12-12	3/4	1-3/16x12	3/4	3.49	89	1.89	48	1-3/8	2.11	54
1J971-16-16	1	1-7/16x12	1	4.36	111	2.20	56	1-5/8	2.58	66
1J971-20-20	1-1/4	1-11/16x12	1-1/4	4.86	123	2.51	64	1-7/8	3.19	81
1J971-24-24	1-1/2	2x12	1-1/2	6.22	158	2.68	68	2-1/4	4.03	102



1J571




Female Seal-Lok® - Swivel - 90° Elbow - Medium Drop
ISO 12151-1 - SWSB

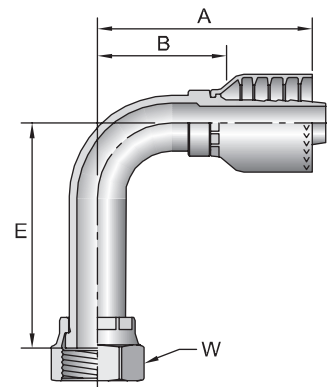
#			A		E			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
1J571-8-8	1/2 13/16x16	1/2	2.59	66	1.61	41	15/16	1.38	35
1J571-10-10	5/8 1x14	5/8	2.88	73	1.85	47	1-1/8	1.63	41
1J571-12-12	3/4 1-3/16x12	3/4	3.49	89	2.28	58	1-3/8	2.11	54



1J171

Female Seal-Lok® - Swivel - 90° Elbow - Long Drop
ISO 12151-1 - SWEL90

#			A		E			B		
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm	
1J171-6-6	3/8	11/16x16	3/8	2.39	61	2.13	54	13/16	1.49	38
1J171-8-8	1/2	13/16x16	1/2	2.59	66	2.52	64	15/16	1.38	35
1J171-10-10	5/8	1x14	5/8	2.88	73	2.76	70	1-1/8	1.63	41
1J171-12-12	3/4	1-3/16x12	3/4	3.49	89	3.78	96	1-3/8	2.11	54
1J171-16-12	1	1-7/16x12	3/4	4.07	103	4.50	114	1-5/8	2.69	68
1J171-16-16	1	1-7/16x12	1	4.36	111	4.49	114	1-5/8	2.58	66
1J171-20-20^	1-1/4	1-11/16x12	1-1/4	4.88	124	5.09	129	1-7/8	3.19	81
1J171-24-24	1-1/2	2x12	1-1/2	5.83	148	5.54	141	2-1/4	3.64	92



^ Must be assembled with Die Part No. 83C-D16H in a Superkrimp or Parkrimp 2.
^^ Must be assembled with Die Part No. 83C-D20H in a Superkrimp or Parkrimp 2.
See Accessories for O-Rings.

Hose
A

Fittings
71 Series
B

Equipment
C

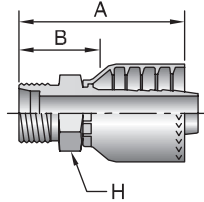
Accessories
D

Technical
E

1D271

Male Metric S - Rigid - (24° Cone)

ISO 12151-2 - S - S

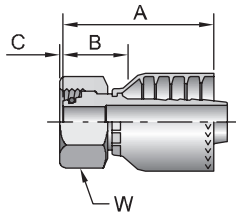


#								
Part Number	Thread	Hose I.D.	A		H	B		
	mm	inch	inch	mm	mm	inch	mm	
1D271-25-12	25 M36x2	3/4	2.90	74	36	1.52	39	
1D271-30-16	30 M42x2	1	3.45	88	46	1.67	42	

1C971

Female Metric S - Swivel - (24° Cone with O-Ring)

ISO 12151-2 - SWS - S

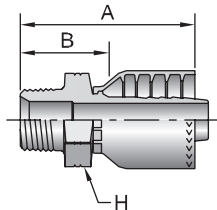


#									
Part Number	Thread	Hose I.D.	A		C		W	B	
	mm	inch	inch	mm	inch	mm	mm	inch	mm
1C971-12-6	12 M20x1,5	3/8	1.99	51	0.03	1	24	1.17	30
1C971-16-8	16 M24x1,5	1/2	2.33	59	0.09	2	30	1.18	30
1C971-20-10	20 M30x2	5/8	2.55	65	0.05	1	36	1.39	35
1C971-25-12	25 M36x2	3/4	2.68	68	0.10	3	46	1.10	28
1C971-30-16	30 M42x2	1	3.07	78	0.19	5	50	1.30	33
1C971-38-20 [^]	38 M52x2	1-1/4	3.15	80	0.23	6	60	1.30	33

When measuring overall length to end of nut, B+C dimensions must be used to calculate cut-off allowance.

1UT71

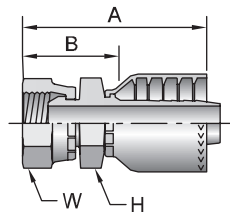
Male BSP Taper Pipe - Rigid - (60° Cone)



#							
Part Number	Hose I.D.	A		H	B		
	inch	inch	mm	mm	inch	mm	
1UT71-8-8	1/2	2.66	68	27	1.46	37	
1UT71-12-12	3/4	2.95	75	36	1.59	40	

1GU71

Female BSP Parallel Pipe - Swivel - (60° Cone)



#									
Part Number	Thread	Hose I.D.	A		H	W	B		
	inch	inch	inch	mm	mm	mm	inch	mm	
1GU71-6-6	3/8 3/8x19	3/8	2.45	62	22	22	1.55	39	
1GU71-8-8	1/2 1/2x14	1/2	2.81	71	27	27	1.61	41	
1GU71-12-12	3/4 3/4x14	3/4	3.24	82	36	36	1.86	47	
1GU71-16-16	1 1x11	1	3.82	97	41	41	2.04	52	
1GU71-20-20	1-1/4 1-1/4x11	1-1/4	4.07	103	50	50	2.38	60	
1GU71-24-24	1-1/2 1-1/2x11	1-1/2	4.81	122	60	60	2.62	67	
1GU71-32-32	2 2x11	2	5.17	131	70	70	2.97	75	

Metric S: Mates with EO "S" Series Fittings.

[^] Must be assembled with Die Part No. 83C-D16H in a Superkrimp or Parkrimp 2.

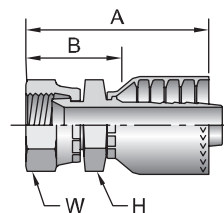
^{^^} Must be assembled with Die Part No. 83C-D20H in a Superkrimp or Parkrimp 2.

See Accessories for Flange Kits and O-Rings.

1FU71

Female BSP Parallel Pipe - Swivel - (30° Flare)

# Part Number	Thread inch	Hose I.D. inch	A		H mm	W mm	B	
			inch	mm			inch	mm
1FU71-6-6	3/8x19	3/8	2.39	61	24	22	1.50	38
1FU71-8-8	1/2x14	1/2	2.71	69	27	27	1.51	38
1FU71-12-12	3/4x14	3/4	3.10	79	36	36	1.74	44
1FU71-16-16	1x11	1	3.52	89	41	41	1.93	49
1FU71-20-20	1-1/4x11	1-1/4	3.87	98	50	50	2.20	56
1FU71-24-24	1-1/2x11	1-1/2	4.66	118	60	60	2.53	64

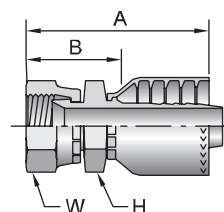


1MU71

Female Metric - Swivel - (30° Flare)

# Part Number	Thread inch	Hose I.D. inch	A		H mm	W mm	B	
			inch	mm			inch	mm
1MU71-6-6	M18x1,5	3/8	2.45	62	24	24	1.56	40
1MU71-8-8	M22x1,5	1/2	2.83	72	27	27	1.45	37

Japanese Fittings - Female Swivel 30° Flare with Metric Threads. All 30° flared fitting sizes are available by combining 1MU71 fittings in sizes up to 1/2 with 1XU71 fittings in sizes 5/8 inch and larger.

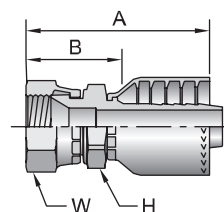


1XU71

Female Metric - Swivel - (30° Flare)

# Part Number	Thread mm	Hose I.D. inch	A		H mm	W mm	B	
			inch	mm			inch	mm
1XU71-10-10	5/8 M24x1,5	5/8	3.16	80	30	32	1.91	49
1XU71-12-12	3/4 M30x1,5	3/4	3.40	86	32	36	2.02	51
1XU71-16-16	1 M33x1,5	1	4.11	104	36	41	2.33	59
1XU71-20-20	1-1/4 M36x1,5	1-1/2	4.19	106	46	46	2.50	64
1XU71-24-24	1-1/2 M42x1,5	1-1/2	5.00	127	50	55	2.80	71

Japanese Fittings - Female Swivel 30° Flare with Metric Threads. All 30° flared fitting sizes are available by combining 1MU71 fittings in sizes up to 1/2 with 1XU71 fittings in sizes 5/8 inch and larger.



Hose
A

Fittings
71 Series
B

Equipment
C

Accessories
D

Technical
E

Hose

A

Fittings
71 Series

B

Equipment

C


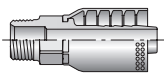

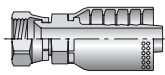
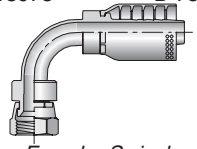

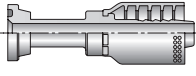
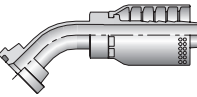
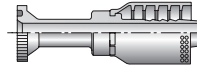
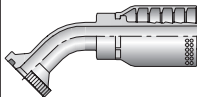
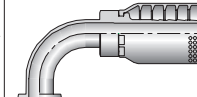
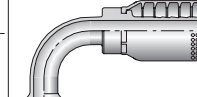

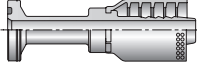
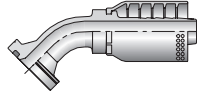
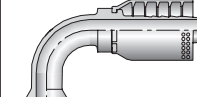

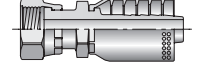
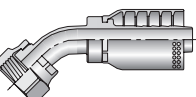
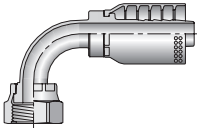

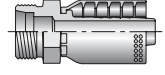

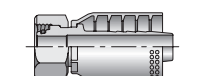
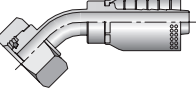
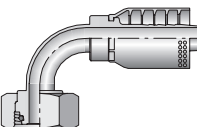

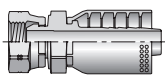
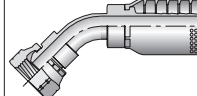
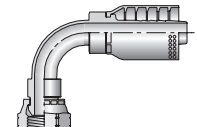
Accessories

D

Technical

E



 NPTF Pipe	10173 B-78  <i>Male - Rigid</i>	 JIC 37°	10673 B-78  <i>Female - Swivel</i>	13973 B-78  <i>Female - Swivel 90° Elbow - Short</i>	 Code 61 Flange
11573 B-78  <i>Flange</i>	11773 B-79  <i>45° Elbow</i>	14A73 B-79  <i>Flange (5000 psi)</i>	14F73 B-79  <i>45° Elbow (5000 psi)</i>	11973 B-79  <i>90° Elbow</i>	14N73 B-80  <i>90° Elbow (5000 psi)</i>
 Code 62 Flange	16A73 B-80  <i>Flange</i>	16F73 B-80  <i>45° Elbow</i>	16N73 B-80  <i>90° Elbow</i>	 Seal-Lok® (O-Ring Face Seal)	1JS73 B-81  <i>Female - Swivel Long</i>
1J773 B-81  <i>Female - Swivel 45° Elbow</i>	1J973 B-81  <i>Female - Swivel 90° Elbow - Short</i>	 DIN "S" Series	1D273 B-81  <i>Male - Rigid</i>	 DIN "S" Series w/O-Ring	1C973 B-82  <i>Female - Swivel</i>
10C73 B-82  <i>Female - Swivel 45° Elbow</i>	11C73 B-82  <i>Female - Swivel 90° Elbow</i>	 BSP 60° Cone	1GU73 B-82  <i>Female - Swivel</i>	1G173 B-83  <i>Female - Swivel 45° Elbow</i>	1G273 B-83  <i>Female - Swivel 90° Elbow</i>

Hose
A

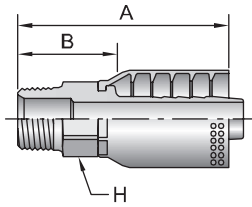
Fittings
73 Series
B

Equipment
C

Accessories
D

Technical
E

Hose
A



10173

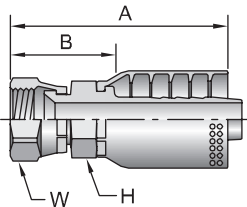
Male NPTF Pipe - Rigid

#	Thread	Hose I.D.	A		H	B	
Part Number	inch	inch	inch	mm	inch	inch	mm
10173-12-12	3/4x14	3/4	3.56	90	1-1/8	1.75	44
10173-16-16	1x11-1/2	1	3.94	100	1-3/8	2.00	51
10173-20-20	1-1/4x11-1/2	1-1/4	4.92	125	1-3/4	2.43	62
10173-24-24	1-1/2x11-1/2	1-1/2	4.88	124	2	2.57	65
10173-32-32	2x11-1/2	2	5.57	141	2-1/2	2.87	73

Fittings
73 Series
B

10673

Female JIC 37° - Swivel



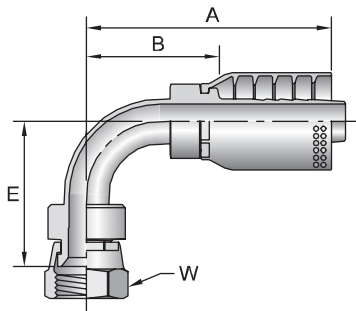
#	Thread		Hose I.D.	A		H	W	B	
Part Number	inch	inch	inch	inch	mm	inch	inch	inch	mm
10673-12-12	3/4	1-1/16x12	3/4	3.66	93	1-1/8	1-1/4	1.85	47
10673-16-12	1	1-5/16x12	3/4	3.90	99	1-3/8	1-1/2	2.09	53
10673-16-16	1	1-5/16x12	1	4.03	102	1-3/8	1-1/2	2.09	53
10673-20-20	1-1/4	1-5/8x12	1-1/4	4.93	125	1-3/4	2	2.44	62
10673-24-24	1-1/2	1-7/8x12	1-1/2	5.04	128	2	2-1/4	2.73	69
10673-32-32	2	2-1/2x12	2	5.91	150	2-1/2	2-7/8	3.21	82

Note: All sizes of 10673 fittings are rated at 5,000 psi working pressure.

Equipment
C

13973

Female JIC 37° - Swivel - 90° Elbow - Short Drop



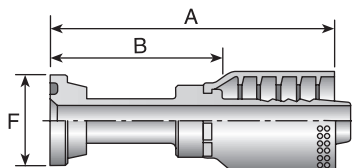
#	Thread		Hose I.D.	A		E		W	B	
Part Number	inch	inch	inch	inch	mm	inch	mm	inch	inch	mm
13973-12-12	3/4	1-1/16x12	3/4	4.12	105	2.44	62	1-1/4	2.31	59
13973-16-16	1	1-5/16x12	1	4.71	120	2.93	74	1-1/2	2.77	70

Note: All sizes of 13973 fittings are rated at 5,000 psi working pressure.

Accessories
D

11573

SAE Code 61 Flange Head ISO 12151-3 - S - L



#	Flange	Hose I.D.	A		F	B	
Part Number	inch	inch	inch	mm	inch	inch	mm
11573-12-12	3/4	3/4	4.34	110.2	1-1/2	2.53	64.3
11573-16-16	1	1	4.59	117	1-3/4	2.65	67

Technical
E

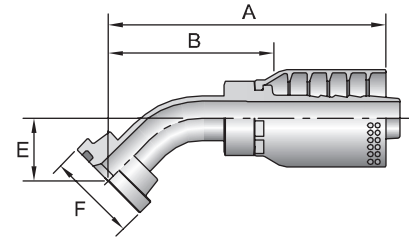
See Accessories for Flange Kits and O-Rings.

11773

SAE Code 61 Flange Head - 45° Elbow

ISO 12151-3 - E450S - L (1 Piece: ISO 12151-3 - E45M - L)

#	Flange	Hose I.D.	A		E		F	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
11773-12-12	3/4	3/4	4.31	109	1.02	26	1-1/2	2.50	64
11773-16-16	1	1	5.01	127	1.26	32	1-3/4	3.07	78

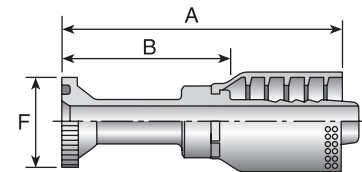


14A73

SAE Code 61 Flange Head - 5000 psi

ISO 12151-3 - S - L

#	Flange	Hose I.D.	A		F	B	
Part Number	inch	inch	inch	mm	inch	inch	mm
14A73-20-20	1-1/4	1-1/4	5.54	141	2	3.05	77
14A73-24-24	1-1/2	1-1/2	6.53	166	2-3/8	4.22	107
14A73-32-32	2	2	6.14	156	2-13/16	3.44	87

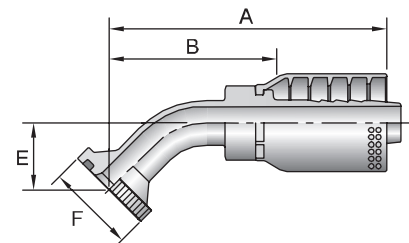


14F73

SAE Code 61 Flange Head - 45° Elbow - 5000 psi

ISO 12151-3 - E45S - L (1 Piece: ISO 12151-3 - E45M - L)

#	Flange	Hose I.D.	A		E		F	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
14F73-20-20	1-1/4	1-1/4	6.39	162	150	38	2	3.90	99
14F73-24-24	1-1/2	1-1/2	6.99	178	1.73	44	2-3/8	4.68	119
14F73-32-32	2	2	8.40	214	2.21	56	2-13/16	5.71	145

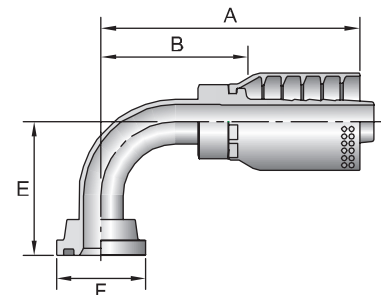


11973

SAE Code 61 Flange Head - 90° Elbow

ISO 12151-3 - E90S - L (1 Piece: ISO 12151-3 - E90M - L)

#	Flange	Hose I.D.	A		E		F	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
11973-12-12	3/4	3/4	3.97	101	2.28	58	1-1/2	2.16	55
11973-16-12	1	3/4	4.00	102	2.28	58	1-3/4	2.19	56
11973-16-16	1	1	4.63	118	2.76	70	1-3/4	2.69	68



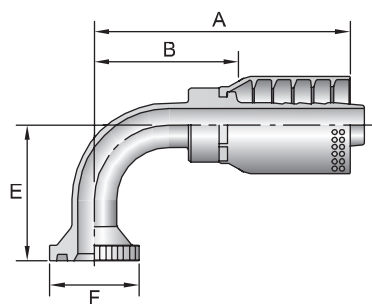
Hose
A

Fittings
73 Series
B

Equipment
C

Accessories
D

Technical
E



14N73

SAE Code 61 Flange Head - 90° Elbow - 5000 psi

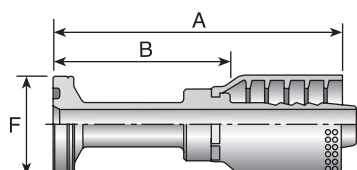
ISO 12151-3 - E90S - L (1 Piece: ISO 12151-3 - E90M - L)

#	Flange	Hose I.D.	A		E		F	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
14N73-20-20	1-1/4	1-1/4	6.09	155	3.54	90	2	3.60	91
14N73-24-24	1-1/2	1-1/2	6.52	166	4.09	104	2-3/8	4.21	107
14N73-32-32	2	2	7.82	199	5.43	138	2-13/16	5.12	130

16A73

SAE Code 62 Flange Head

ISO 12151-3 - S - S

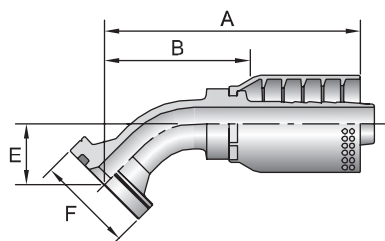


#	Flange	Hose I.D.	A		F	B	
Part Number	inch	inch	inch	mm	inch	inch	mm
16A73-12-12	3/4	3/4	4.60	117	1-5/8	2.79	71
16A73-16-16	1	1	5.16	131	1-7/8	3.22	82
16A73-20-16	1-1/4	1	3.95	100	2-1/8	2.01	51
16A73-20-20	1-1/4	1-1/4	5.85	149	2-1/8	3.36	85
16A73-24-24	1-1/2	1-1/2	6.54	166	2-1/2	4.23	107
16A73-32-32	2	2	7.63	194	3-1/8	4.93	125

16F73

SAE Code 62 Flange Head - 45° Elbow

ISO 12151-3 - E45S - S (1 Piece: ISO 12151-3 - E45M - S)

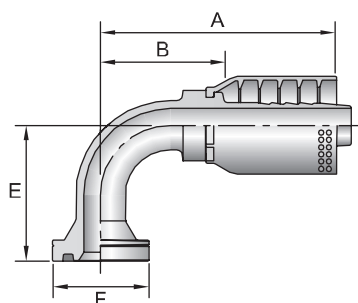


#	Flange	Hose I.D.	A		E		F	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
16F73-12-12	3/4	3/4	4.31	109	1.02	26	1-5/8	2.50	64
16F73-16-16	1	1	5.01	127	1.26	32	1-7/8	3.07	78
16F73-20-20	1-1/4	1-1/4	6.39	162	1.50	38	2-1/8	3.90	99

16N73

SAE Code 62 Flange Head - 90° Elbow

ISO 12151-3 - E90S - S (1 Piece: ISO 12151-3 - E90M - S)

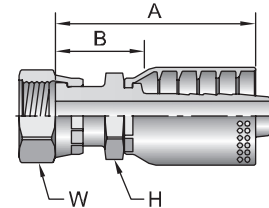


#	Flange	Hose I.D.	A		E		F	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
16N73-12-12	3/4	3/4	3.97	101	2.28	58	1-5/8	2.16	55
16N73-16-16	1	1	4.63	118	2.76	70	1-7/8	2.69	68
16N73-20-20	1-1/4	1-1/4	6.09	151	3.54	90	2-1/8	3.60	91
16N73-24-24	1-1/2	1-1/2	6.52	166	4.09	104	2-1/2	4.21	107
16N73-32-32	2	2	7.82	199	5.43	138	3-1/8	5.12	130

1JS73

Female Seal-Lok® - Swivel - Long
ISO 12151-1 - SWSB

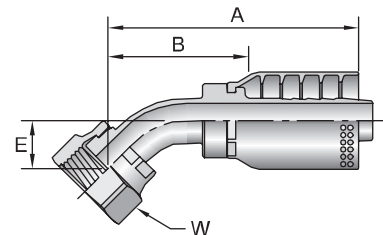
# Part Number	Thread inch	Hose I.D. inch	A		H inch	W inch	B	
			inch	mm			inch	mm
1JS73-12-12	3/4	1-3/16x12	3/4	3.70	94	1-1/8	1-3/8	1.89 48
1JS73-16-12	1	1-7/16x12	3/4	3.78	96	1-3/8	1-5/8	1.97 50
1JS73-16-16	1	1-7/16x12	1	4.03	102	1-3/8	1-5/8	2.09 53
1JS73-20-20	1-1/4	1-11/16x12	1-1/4	4.62	132	1-3/4	1-7/8	2.13 69



1J773

Female Seal-Lok® - Swivel - 45° Elbow
ISO 12151-1 - SWE45

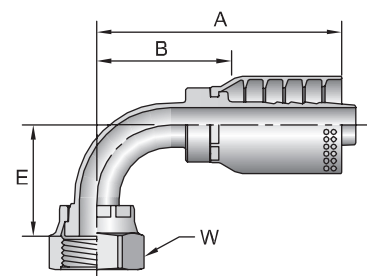
# Part Number	Thread inch	Hose I.D. inch	A		E		W inch	B	
			inch	mm	inch	mm		inch	mm
1J773-12-12	3/4	1-3/16x12	3/4	4.11	104	0.81	21	1-3/8	2.30 58
1J773-16-16	1	1-7/16x12	1	4.69	119	0.94	24	1-5/8	2.75 70
1J773-20-20	1-1/4	1-11/16x12	1-1/4	5.78	147	0.98	25	1-7/8	3.29 84



1J973

Female Seal-Lok® - Swivel - 90° Elbow - Short Drop
ISO 12151-1 - SWES90

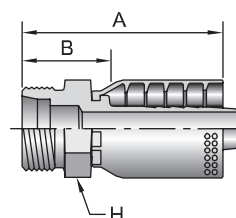
# Part Number	Thread inch	Hose I.D. inch	A		E		W inch	B	
			inch	mm	inch	mm		inch	mm
1J973-12-12	3/4	1-3/16x12	3/4	3.97	100	1.89	48	1-3/8	2.16 55
1J973-16-16	1	1-7/16x12	1	4.62	117	2.20	56	1-5/8	2.68 68
1J973-20-20	1-1/4	1-11/16x12	1-1/4	5.82	148	2.52	64	1-7/8	3.33 85



1D273

Male Metric S - Rigid - (24° Cone)
ISO 12151-2 - S - S

# Part Number	Thread mm	Hose I.D. inch	A		H mm	B	
			inch	mm		inch	mm
1D273-25-12	25	M36x2	3/4	3.38	86	1.57	40
1D273-30-16	30	M42x2	1	3.72	94	1.78	45
1D273-38-20	38	M52x2	1-1/4	4.42	112	1.93	49



Metric S: Mates with EO "S" Series Fittings.

Hose
A

Fittings
73 Series
B

Equipment
C

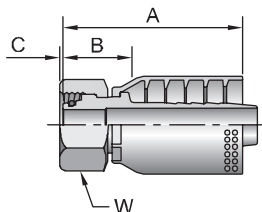
Accessories
D

Technical
E

1C973

Female Metric S - Swivel - (24° Cone with O-Ring)

ISO 12151-2 - SWS - S



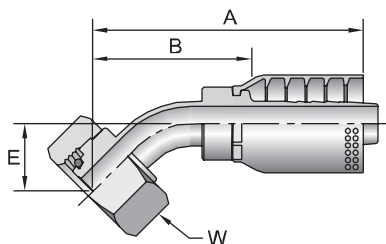
# Part Number	Thread mm	Hose I.D. inch	A inch mm		C inch mm		W mm	B inch mm	
1C973-25-12	25 M36x2	3/4	3.12	79	0.10	3	46	1.31	33
1C973-30-16	30 M42x2	1	3.40	86	0.19	5	50	1.46	37
1C973-38-20^	38 M52x2	1-1/4	3.98	101	0.23	6	60	1.49	38

When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.

10C73

Female Metric S - Swivel - 45° Elbow - (24° Cone with O-Ring)

ISO 12151-2 - SWE45 - S

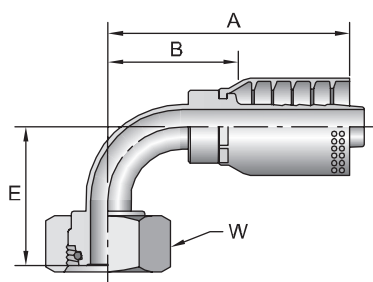


# Part Number	Thread mm	Hose I.D. inch	A inch mm		E inch mm		W mm	B inch mm	
10C73-25-12	25 M36x2	3/4	4.45	113	1.14	39	46	2.56	65
10C73-30-16	30 M42x2	1	5.16	131	1.34	34	50	3.19	81
10C73-38-20^	38 M52x2	1-1/4	6.44	164	1.50	38	60	3.95	100

11C73

Female Metric S - Swivel - 90° Elbow - (24° Cone with O-Ring)

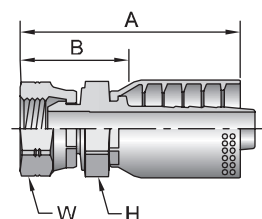
ISO 12151-2 - SWE - S



# Part Number	Thread mm	Hose I.D. inch	A inch mm		E inch mm		W mm	B inch mm	
11C73-25-12	25 M36x2	3/4	4.12	105	2.32	59	46	2.31	59
11C73-30-16	30 M42x2	1	4.71	120	2.68	68	50	2.77	70
11C73-38-20	38 M52x2	1-1/4	5.67	144	2.86	73	60	3.18	81

1GU73

Female BSP Parallel Pipe - Swivel - (60° Cone)



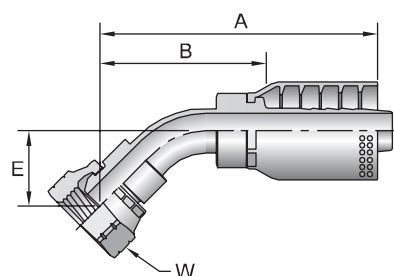
# Part Number	Thread inch	Hose I.D. inch	A inch mm		H mm	W mm	B inch mm	
1GU73-12-12	3/4x14	3/4	3.76	95,5	36	36	1.95	49,5
1GU73-16-16	1x11	1	4.14	105	41	41	2.20	56

Metric S: Mates with EO "S" Series Fittings
^ Must use Parkrimp 2 with Die Part No. 83C-L20.

1G173

Female BSP Parallel Pipe - Swivel - 45° Elbow - (60° Cone)

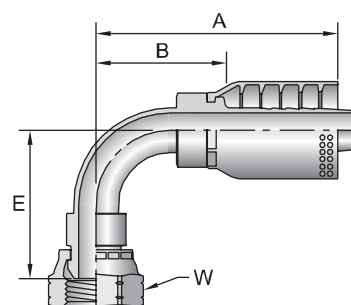
#			A		E		W	B	
Part Number	Thread	Hose I.D.	inch	mm	inch	mm	mm	inch	mm
1G173-12-12	3/4x14	3/4	4.77	121,2	1.35	34,4	36	2.96	75,2
1G173-16-16	1x11	1	5.36	136,1	1.52	38,7	41	3.42	86,9



1G273

Female BSP Parallel Pipe - Swivel - 90° Elbow - (60° Cone)

#			A		E		W	B	
Part Number	Thread	Hose I.D.	inch	mm	inch	mm	mm	inch	mm
1G273-12-12	3/4x14	3/4	4.12	104,6	2.62	66,6	36	2.31	58,7
1G273-16-16	1x11	1	4.71	119,6	3.04	77,2	41	2.77	70,4




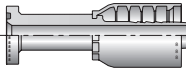
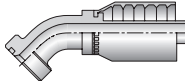
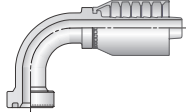
Hose
A

Fittings
73 Series
B

Equipment
C

Accessories
D

Technical
E

	18A76	B-85	18F76	B-85	18N76	B-85
 <p><i>Flange</i></p>	 <p><i>Flange</i></p>		 <p><i>45° Elbow</i></p>		 <p><i>90° Elbow</i></p>	

Hose
A

Fittings
76 Series
B




Equipment
C

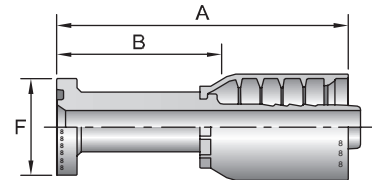
Accessories
D

Technical
E

18A76




Flange Head - 8,000 psi

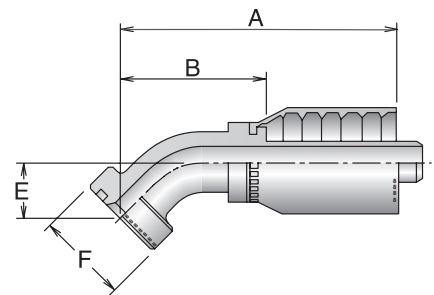
#			A			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	inch	mm
18A76-12-12	3/4	3/4	5.29	134	1-5/8	2.96	75
18A76-16-16	1	1	5.72	145	1-7/8	3.17	81



18F76




Flange Head - 45° Elbow - 8,000 psi

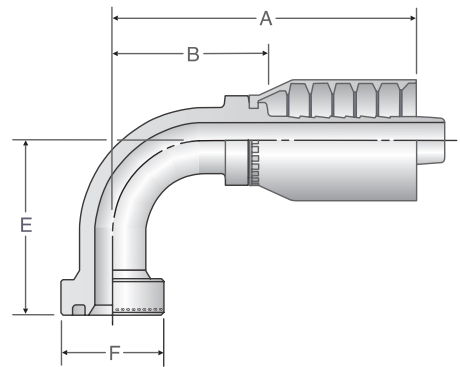
#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
18F76-12-12	3/4	3/4	4.95	125,7	1.024	26	1-5/8	2.62	66,5
18F76-16-16	1	1	6.10	155,0	1.260	32	1-7/8	3.55	90,1



18N76

Flange Head - 90° Elbow - 8,000 psi

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
18N76-12-12	3/4	3/4	4.81	122,1	2.76	70	1-5/8	2.48	63
18N76-16-16	1	1	5.88	149,5	2.76	70	1-7/8	3.33	84,6



See Accessories for O-Rings and Flange Kits.

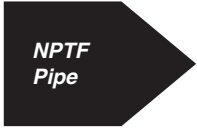
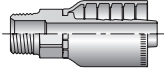

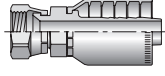
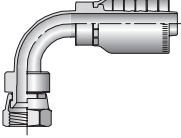

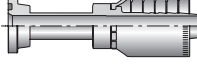
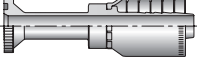
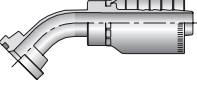
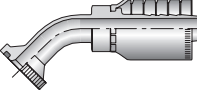
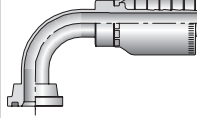
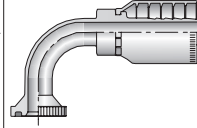

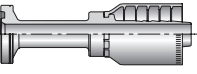
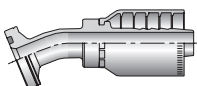
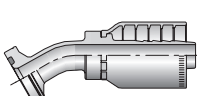
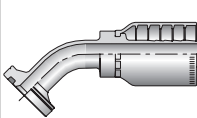
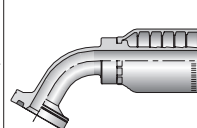
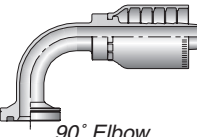

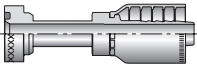
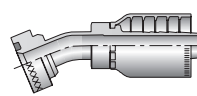
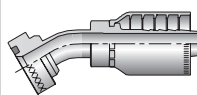
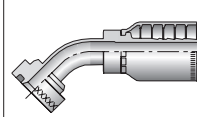
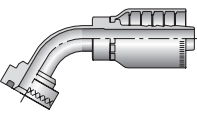
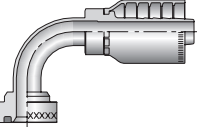

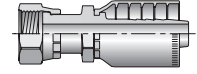
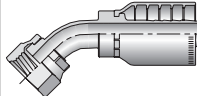
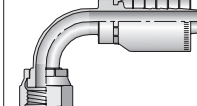

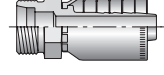

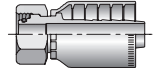
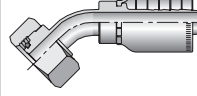
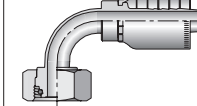

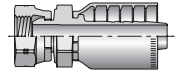
Hose
A

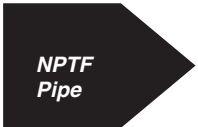
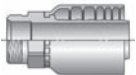

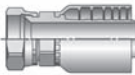

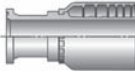
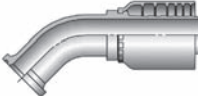
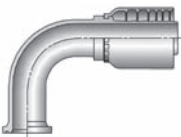

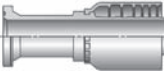
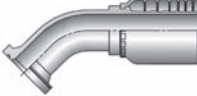
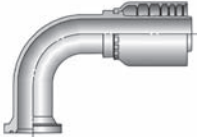

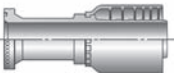

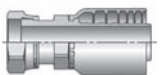
Fittings
B

Equipment
C

Accessories
D

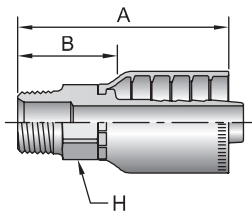
Technical
E

	10178 B-88  Male - Rigid		10678 B-88  Female - Swivel	13978 B-88  Female - Swivel	
11578 B-88  Flange	14A78 B-89  Flange (5000 psi)	11778 B-89  45° Elbow	14F78 B-89  45° Elbow (5000 psi)	11978 B-89  90° Elbow	14N78 B-90  90° Elbow (5000 psi)
	16A78 B-90  Flange	16B78 B-90  22-1/2° Elbow	16E78 B-90  30° Elbow	16F78 B-91  45° Elbow	16G78 B-91  60° Elbow
16N78 B-91  90° Elbow		1XA78 B-92  Flange	1XB78 B-92  22-1/2° Elbow	1XE78 B-92  30° Elbow	1XF78 B-93  45° Elbow
1XG78 B-93  60° Elbow	1XN78 B-93  90° Elbow		1JS78 B-94  Female - Swivel Long	1J778 B-94  Female - Swivel 45° Elbow	1J978 B-94  Female - Swivel 90° Elbow - Short
	1D278 B-95  Male - Rigid		1C978 B-95  Female - Rigid	10C78 B-95  Female - Swivel 45° Elbow	11C78 B-95  Female - Swivel 90° Elbow
	1GU78 B-96  Female - Swivel				

 NPTF Pipe	101S6 B-96  <i>Male - Rigid</i>	 JIC 37°	106S6 B-96  <i>Female - Swivel</i>	 Code 61 Flange	14AS6 B-96  <i>Flange (5000 psi)</i>
14FS6 B-96  <i>45° Elbow (5000 psi)</i>	14NS6 B-96  <i>90° Elbow (5000 psi)</i>	 Code 62 Flange	16AS6 B-97  <i>Flange Head - Straight</i>	16FS6 B-97  <i>45° Elbow</i>	16NS6 B-97  <i>45° Elbow</i>
 Caterpillar® Flange	1XAS6 B-97  <i>Flange</i>	 Seal-Lok® (O-Ring Face Seal)	1JSS6 B-97  <i>Female - Swivel</i>		

Hose
AFittings
BEquipment
CAccessories
DTechnical
E

Hose
A

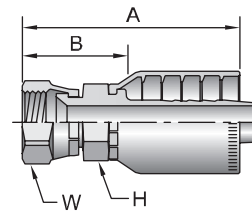


10178

Male NPTF Pipe - Rigid

#	Thread	Hose I.D.	A		H	B	
Part Number	inch	inch	inch	mm	inch	inch	mm
10178-12-12	3/4x14	3/4	3.56	90	1-1/8	1.80	46
10178-16-16	1x11-1/2	1	3.94	100	1-3/8	2.09	53
10178-20-20	1-1/4x11-1/2	1-1/4	4.92	125	1-3/4	2.53	64
10178-24-24	1-1/2x11-1/2	1-1/2	4.88	124	2	2.67	68

Fittings
78 Series
B



10678

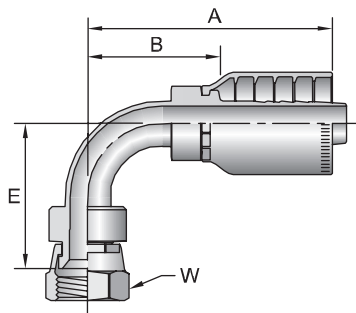
Female JIC 37° - Swivel

#	Thread		Hose I.D.	A		H	W	B		Additional Material
Part Number	inch	inch	inch	inch	mm	inch	inch	inch	mm	Stainless Steel (C)
10678-12-12	3/4	1-1/16x12	3/4	3.66	93	1-1/8	1-1/4	1.90	48	•
10678-16-12	1	1-5/16x12	3/4	3.90	99	1-3/8	1-1/2	2.14	54	•
10678-16-16	1	1-5/16x12	1	4.03	102	1-3/8	1-1/2	2.18	55	•
10678-20-20	1-1/4	1-5/8x12	1-1/4	4.93	125	1-3/4	2	2.54	65	•
10678-24-24	1-1/2	1-7/8x12	1-1/2	5.04	128	2	2-1/4	2.83	72	•

All sizes of 10678 fittings are rated at 5,000 psi working pressure.

Equipment
C

Accessories
D



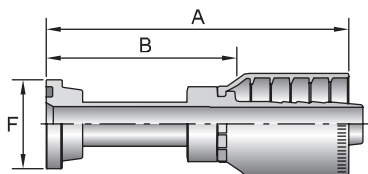
13978

Female JIC 37° - Swivel - 90° Elbow - Short Drop

#	Thread		Hose I.D.	A		E		W	B	
Part Number	inch	inch	inch	inch	mm	inch	mm	inch	inch	mm
13978-12-12	3/4	1-1/16x12	3/4	4.12	105	2.44	62	1-1/2	2.36	60
13978-16-16	1	1-5/16x12	1	4.71	120	2.93	74	1-1/2	2.86	73
13978-20-20	1-1/4	1-5/8x12	1-1/4	5.67	144	3.35	85	2	3.28	83

All sizes of 13978 fittings are rated at 5,000 psi working pressure.

Technical
E



11578

SAE Code 61 Flange Head

ISO 12151-3 - S - L




#	Flange	Hose I.D.	A		F	B	
Part Number	inch	inch	inch	mm	inch	inch	mm
11578-12-12	3/4	3/4	4.34	110	1-1/2	2.58	66
11578-16-16	1	1	4.59	117	1-3/4	2.74	70

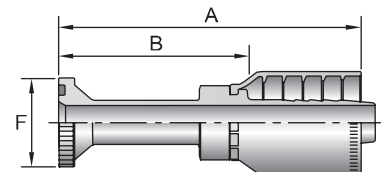
See Accessories for O-Rings and Flange Kits.

14A78

SAE Code 61 Flange Head - 5,000 psi

ISO 12151-3 - S - L (5000 psi)




#			A			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	inch	mm
14A78-20-20	1-1/4	1-1/4	5.54	141	2	3.15	80
14A78-24-24	1-1/2	1-1/2	6.53	166	2-3/8	4.32	110
14A78-32-24	2	1-1/2	4.68	119	2-13/16	2.47	63

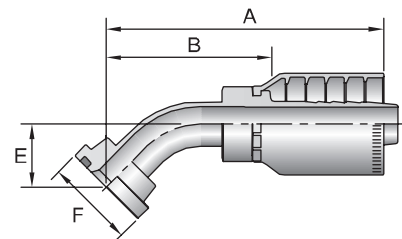


11778

SAE Code 61 Flange Head - 45° Elbow

ISO 12151-3 - E45S - L (1 Piece: ISO 12151-3 - E45M - L)




#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
11778-12-12	3/4	3/4	4.67	119	1.06	27	1-1/2	2.91	74
11778-16-16	1	1	5.01	127	1.26	32	1-3/4	3.16	80

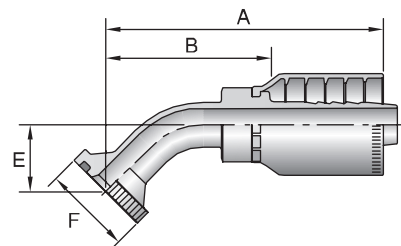


14F78

SAE Code 61 Flange Head - 45° Elbow - 5,000 psi

ISO 12151-3 - E45S - L (1 Piece: ISO 12151-3 - E45M - L) (5000 psi)




#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
14F78-20-20	1-1/4	1-1/4	6.39	162	1.50	38	2	4.00	102
14F78-24-24	1-1/2	1-1/2	6.99	178	1.73	44	2-3/8	4.78	121

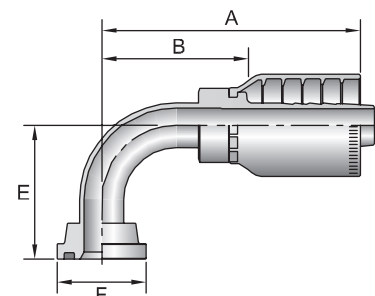


11978

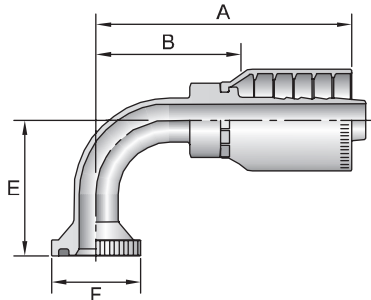
SAE Code 61 Flange Head - 90° Elbow

ISO 12151-3 - E90S - L (1 Piece: ISO 12151-3 - E90M - L)

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
11978-12-12	3/4	3/4	4.35	110	2.25	57	1-1/2	2.59	66
11978-16-16	1	1	4.67	119	2.76	70	1-3/4	2.82	72






See Accessories for O-Rings and Flange Kits.

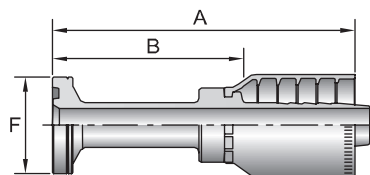


14N78

SAE Code 61 Flange Head - 90° Elbow - 5,000 psi

ISO 12151-3 - E90S - L (1 Piece: ISO 12151-3 - E90M - L) (5000 psi)




#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
14N78-20-16	1-1/4	1	4.63	118	2.76	70	2	2.78	71
14N78-20-20	1-1/4	1-1/4	6.09	155	3.54	90	2	3.70	94
14N78-24-24	1-1/2	1-1/2	6.52	166	4.09	104	2-3/8	4.31	109

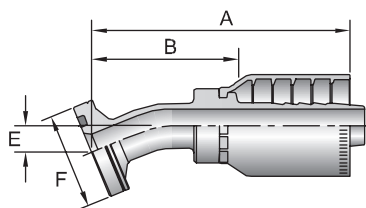


16A78

SAE Code 62 Flange Head

ISO 12151-3 - S - S




#			A			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	inch	mm
16A78-12-12	3/4	3/4	4.60	117	1-5/8	2.84	72
16A78-16-12	1	3/4	3.57	91	1-7/8	1.81	46
16A78-16-16	1	1	5.16	131	1-7/8	3.31	84
16A78-20-16	1-1/4	1	3.95	100	2-1/8	2.10	53
16A78-20-20	1-1/4	1-1/4	5.85	149	2-1/8	3.46	88
16A78-24-20	1-1/2	1-1/4	4.77	121	2-1/2	2.38	60
16A78-24-24	1-1/2	1-1/2	6.54	166	2-1/2	4.33	110
16A78-32-24	2	1-1/2	5.07	129	3-1/8	2.86	73

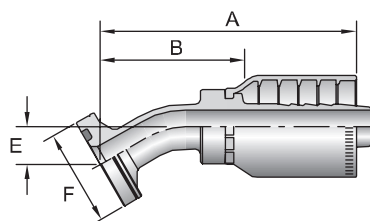


16B78

SAE Code 62 Flange Head - 22-1/2° Elbow

ISO 12151-3 - E22M - S




#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
16B78-16-16	1	1	4.57	116	0.46	12	1-7/8	2.72	60



16E78

SAE Code 62 Flange Head - 30° Elbow

ISO 12151-3 - E30S - S (1 Piece: ISO 12151-3 - E30M - S)

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
16E78-20-20	1-1/4	1-1/4	6.71	170	0.87	22	2-1/8	4.32	110
16E78-24-24	1-1/2	1-1/2	7.10	180	1.12	28	2-1/2	4.89	124

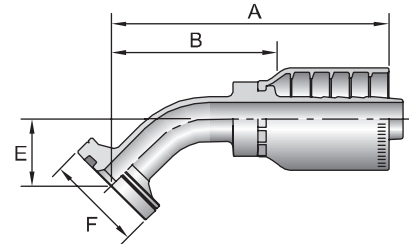
See Accessories for O-Rings and Flange Kits.

16F78

SAE Code 62 Flange Head - 45° Elbow

ISO 12151-3 - E45S - S (1 Piece: ISO 12151-3 - E45M - S)

#			A		E		F	B	
Part Number	Flange	Hose I.D.	inch	mm	inch	mm	inch	inch	mm
16F78-12-12	3/4	3/4	4.31	109	1.02	26	1-5/8	2.55	65
16F78-16-12	1	3/4	4.83	123	1.22	31	1-7/8	3.07	78
16F78-16-16	1	1	5.04	128	1.26	32	1-7/8	3.19	81
16F78-20-16	1-1/4	1	5.01	127	1.26	32	2-1/8	3.16	80
16F78-20-20	1-1/4	1-1/4	6.39	162	1.50	38	2-1/8	4.00	102
16F78-24-20	1-1/2	1-1/4	6.39	162	1.50	38	2-1/2	4.00	102
16F78-24-24	1-1/2	1-1/2	6.99	178	1.73	44	2-1/2	4.78	121

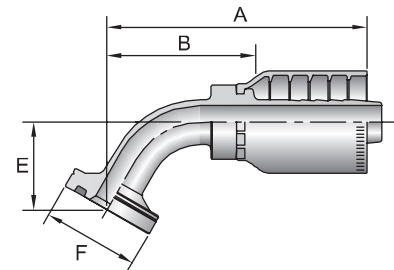


16G78

SAE Code 62 Flange Head - 60° Elbow

ISO 12151-3 - E60S - S (1 Piece: ISO 12151-3 - E60M - S)

#			A		E		F	B	
Part Number	Flange	Hose I.D.	inch	mm	inch	mm	inch	inch	mm
16G78-16-16	1	1	5.85	149	1.73	44	1-7/8	4.00	102
16G78-20-20	1-1/4	1-1/4	7.72	196	2.17	55	2-1/8	5.33	135
16G78-24-24	1-1/2	1-1/2	8.41	214	2.52	64	2-1/2	6.20	157

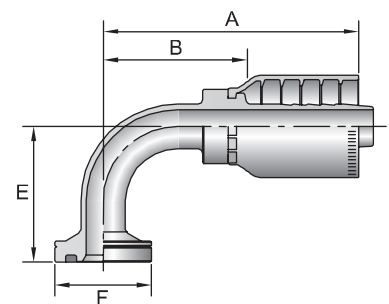


16N78

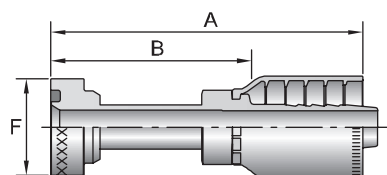
SAE Code 62 Flange Head - 90° Elbow

ISO 12151-3 - E90S - S (1 Piece: ISO 12151-3 - E90M - S)

#			A		E		F	B	
Part Number	Flange	Hose I.D.	inch	mm	inch	mm	inch	inch	mm
16N78-12-12	3/4	3/4	4.00	102	2.28	58	1-5/8	2.24	57
16N78-16-12	1	3/4	3.97	101	2.28	58	1-7/8	2.21	56
16N78-16-16	1	1	4.63	118	2.76	70	1-7/8	2.78	71
16N78-20-16	1-1/4	1	4.63	118	2.76	70	2-1/8	2.78	71
16N78-20-20	1-1/4	1-1/4	6.09	155	3.54	90	2-1/8	3.70	94
16N78-24-16	1-1/2	1	5.04	126	2.70	69	2-1/2	3.19	81
16N78-24-20	1-1/2	1-1/4	6.09	155	3.54	90	2-1/2	3.70	94
16N78-24-24	1-1/2	1-1/2	6.52	166	4.09	104	2-1/2	4.31	109
16N78-32-24	2	1-1/2	6.52	166	4.09	104	3-1/8	4.31	109






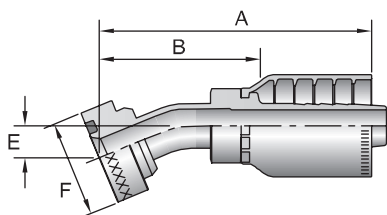
See Accessories for O-Rings and Flange Kits.



1XA78




Caterpillar® Flange Head

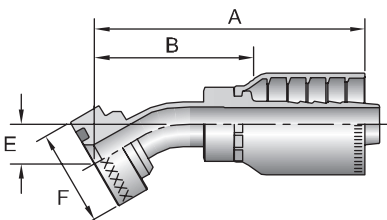
#			A			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	inch	mm
1XA78-12-12	3/4	3/4	4.85	123,2	1-5/8	3.09	78,5
1XA78-16-12	1	3/4	5.29	134,4	1-7/8	3.53	89,7
1XA78-16-16	1	1	5.44	138,2	1-7/8	3.59	91,2
1XA78-20-16	1-1/4	1	5.65	143,5	2-1/8	3.80	96,5
1XA78-20-20	1-1/4	1-1/4	6.10	154,9	2-1/8	3.71	94,2
1XA78-24-20	1-1/2	1-1/4	6.35	161,3	2-1/2	3.96	100,6
1XA78-24-24	1-1/2	1-1/2	6.78	172,2	2-1/2	4.57	116,1



1XB78




Caterpillar® Flange Head - 22-1/2° Elbow

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
1XB78-12-12	3/4	3/4	4.59	117	0.54	14	1-5/8	2.83	72
1XB78-16-16	1	1	4.66	118	0.50	13	1-7/8	2.81	71
1XB78-20-16	1-1/4	1	4.66	118	0.50	13	2-1/8	2.81	71
1XB78-20-20	1-1/4	1-1/4	7.21	183	0.80	20	2-1/8	4.82	122
1XB78-24-20	1-1/2	1-1/4	7.21	183	0.80	20	2-1/2	4.82	122
1XB78-24-24	1-1/2	1-1/2	7.08	180	0.73	19	2-1/2	4.87	124



1XE78

Caterpillar® Flange Head - 30° Elbow




#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
1XE78-16-16	1	1	5.08	129	0.79	20	1-7/8	3.23	82
1XE78-20-16	1-1/4	1	5.10	128	0.80	20	2-1/8	3.25	83
1XE78-20-20	1-1/4	1-1/4	6.38	162	0.93	24	2-1/8	3.99	101
1XE78-24-20	1-1/2	1-1/4	6.38	162	0.93	24	2-1/2	3.99	101
1XE78-24-24	1-1/2	1-1/2	7.10	180	1.14	29	2-1/2	4.89	124

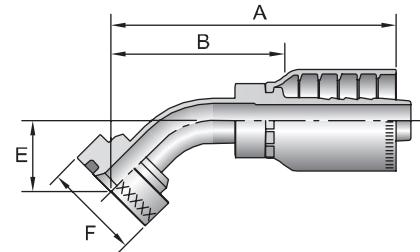
Caterpillar® style fittings conform to the bolt hole patterns of SAE Code 62 and require special flange halves and seals. The Caterpillar® style flange heads are thicker than SAE Code 62 and measure to a .560" thickness in all sizes.

See Accessories for O-Rings and Flange Kits.

1XF78




Caterpillar® Flange Head - 45° Elbow

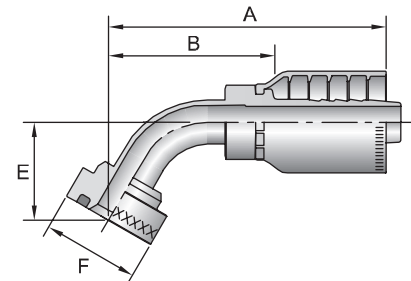
#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
1XF78-12-12	3/4	3/4	4.82	122	1.21	31	1-5/8	3.06	78
1XF78-16-12	1	3/4	4.81	120	1.20	30	1-7/8	3.05	77
1XF78-16-16	1	1	5.46	139	1.43	36	1-7/8	3.61	92
1XF78-20-16	1-1/4	1	5.46	139	1.43	36	2-1/8	3.61	92
1XF78-20-20	1-1/4	1-1/4	6.38	162	1.44	37	2-1/8	3.99	101
1XF78-24-20	1-1/2	1-1/4	6.38	162	1.44	37	2-1/2	3.99	101
1XF78-24-24	1-1/2	1-1/2	6.89	175	1.54	39	2-1/2	4.68	119



1XG78




Caterpillar® Flange Head - 60° Elbow

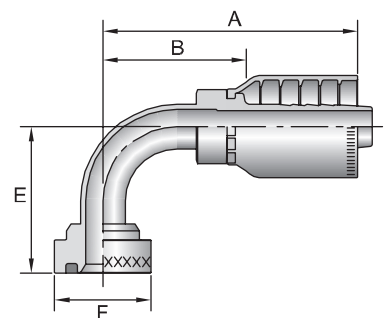
#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
1XG78-16-16	1	1	5.13	130	1.96	50	1-7/8	3.28	83
1XG78-20-20	1-1/4	1-1/4	6.72	171	2.02	51	2-1/8	4.33	110
1XG78-24-24	1-1/2	1-1/2	6.87	174	2.04	52	2-1/2	4.67	119



1XN78

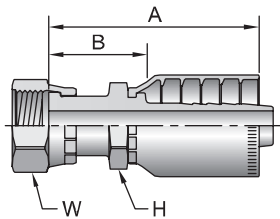
Caterpillar® Flange Head - 90° Elbow

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
1XN78-12-12	3/4	3/4	4.35	110	2.46	62	1-5/8	2.59	66
1XN78-12-16	3/4	1	4.58	116	2.46	62	1-5/8	2.73	69
1XN78-16-12	1	3/4	4.35	110	2.44	62	1-7/8	2.59	66
1XN78-16-16	1	1	5.04	128	2.90	74	1-7/8	3.19	81
1XN78-20-16	1-1/4	1	5.04	128	2.90	74	2-1/8	3.19	81
1XN78-20-20	1-1/4	1-1/4	6.75	171	3.02	77	2-1/8	4.36	111
1XN78-24-20	1-1/2	1-1/4	6.75	171	3.02	77	2-1/2	4.36	111
1XN78-24-24	1-1/2	1-1/2	5.85	149	3.41	87	2-1/2	3.64	92



Caterpillar® style fittings conform to the bolt hole patterns of SAE Code 62 and require special flange halves and seals. The Caterpillar® style flange heads are thicker than SAE Code 62 and measure to a .560" thickness in all sizes.

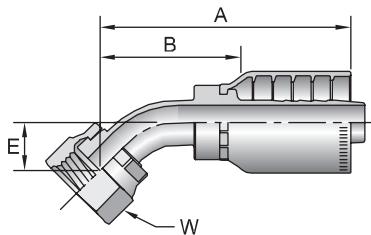
See Accessories for O-Rings and Flange Kits.



1JS78

Female Seal-Lok® - Swivel - Long
ISO 12151-1 - SWSB

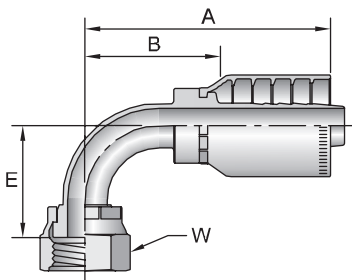
#									
Part Number	Thread	inch	Hose I.D.	inch	mm	A	H	W	B
1JS78-12-12	3/4	1-3/16x12	3/4	3.70	94	1-1/8	1-3/8	1.94	49
1JS78-16-16	1	1-7/16x12	1	4.03	102	1-3/8	1-5/8	2.18	55
1JS78-20-16	1-1/4	1-11/16x12	1	3.99	101	1-3/4	1-7/8	2.14	54
1JS78-20-20	1-1/4	1-11/16x12	1-1/4	4.62	117	1-3/4	1-7/8	2.23	57
1JS78-24-24	1-1/2	2-12	1-1/2	4.70	119.4	2	2-1/4	2.49	63.2



1J778

Female Seal-Lok® - Swivel - 45° Elbow
ISO 12151-1 - SWE45

#									
Part Number	Thread	inch	Hose I.D.	inch	mm	A	E	W	B
1J778-12-12	3/4	1-3/16x12	3/4	4.11	104	0.81	21	1-3/8	2.35
1J778-16-16	1	1-7/16x12	1	4.69	119	0.94	24	1-5/8	2.84
1J778-20-20	1-1/4	1-11/16x12	1-1/4	5.78	147	0.98	25	1-7/8	3.29
1J778-24-24	1-1/2	2x12	1-1/2	6.91	176	1.56	40	2-1/4	4.70



1J978

Female Seal-Lok® - Swivel - 90° Elbow - Short Drop
ISO 12151-1 - SWES90

#									
Part Number	Thread	inch	Hose I.D.	inch	mm	A	E	W	B
1J978-12-12	3/4	1-3/16x12	3/4	3.97	100	1.89	48	1-3/8	2.21
1J978-16-16	1	1-7/16x12	1	4.62	117	2.21	56	1-5/8	2.77
1J978-20-16	1-1/4	1-11/16x12	1	5.04	128	2.54	65	1-7/8	3.10
1J978-20-20	1-1/4	1-11/16x12	1-1/4	5.82	148	2.52	64	1-7/8	3.43
1J978-24-24	1-1/2	2x12	1-1/2	6.58	167	2.70	69	2-1/4	4.37

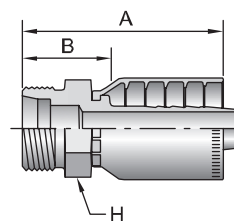
See Accessories for O-Rings and Flange Kits.

Hose
A
Fittings
78 Series
B
Equipment
C
Accessories
D
Technical
E

1D278

Male Metric S - Rigid - (24° Cone)

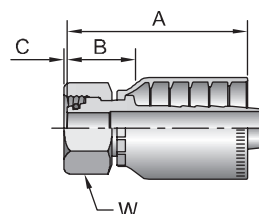
#									
Part Number	Thread	Hose I.D.	A	H	B				
	mm	inch	inch	mm	inch	mm	inch	mm	
1D278-25-12	25 M36x2	3/4	3.38	86	36	1.62	41		
1D278-30-16	30 M42x2	1	3.72	94	46	1.87	47		
1D278-38-20	38 M52x2	1-1/4	4.42	112	55	2.03	52		



1C978

Female Metric S - Swivel - (24° Cone with O-Ring)

#									
Part Number	Thread	Hose I.D.	A	C	W	B			
	mm	inch	inch	mm	inch	mm	inch	mm	
1C978-25-12	25 M36x2	3/4	3.12	79	0.10	3	46	1.36	35
1C978-30-16	30 M42x2	1	3.40	86	0.19	5	50	1.55	39
1C978-38-20	38 M52x2	1-1/4	3.98	101	0.23	6	60	1.59	40

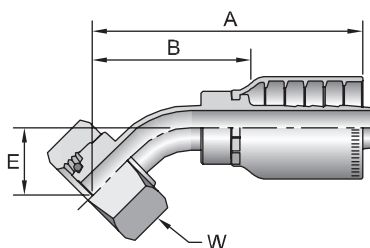


When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.

10C78

Female Metric S - Swivel - 45° Elbow - (24° Cone with O-Ring)
ISO 12151-2 - SWE45 - S

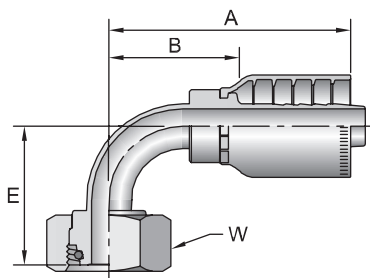
#									
Part Number	Thread	Hose I.D.	A	E	W	B			
	mm	inch	inch	mm	inch	mm	inch	mm	
10C78-25-12	25 M36x2	3/4	4.45	113	1.14	29	46	2.56	65
10C78-30-16	30 M42x2	1	5.16	131	1.34	34	50	3.19	81
10C78-38-20	38 M52x2	1-1/4	6.44	164	1.50	38	60	4.05	103



11C78

Female Metric S - Swivel - 90° Elbow - (24° Cone with O-Ring)
ISO 12151-2 - SWE - S

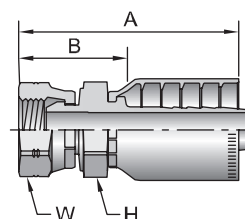
#									
Part Number	Thread	Hose I.D.	A	E	W	B			
	mm	inch	inch	mm	inch	mm	inch	mm	
11C78-25-12	25 M36x2	3/4	4.12	105	2.32	59	46	2.36	60
11C78-30-16	30 M42x2	1	4.71	120	2.68	68	50	2.86	73
11C78-38-20	38 M52x2	1-1/4	5.67	144	2.86	73	60	3.28	83



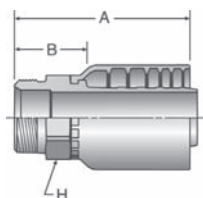
1GU78

Female BSP Parallel Pipe - Swivel - (60° Cone)

#									
Part Number	Thread	Hose I.D.	A	H	W	B			
	inch	inch	inch	mm	mm	mm	inch	mm	
1GU78-12-12	3/4x14	3/4	3.76	96	36	36	2.00	51	
1GU78-16-16	1x11	1	4.14	105	41	41	2.29	58	



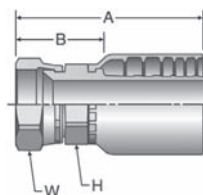
Metric S: Mates with EO "S" Series Fittings. See Accessories for O-Rings and Flange Kits.



101S6

Male NPTF Pipe - Rigid

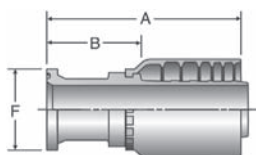
#	Thread	Hose I.D.	A		H	B	
Part Number	inch	inch	inch	mm	mm	inch	mm
101S6-32-32	2 x 11 1/2	2	5.88	149,5	2-1/2	2.44	61,9



106S6

Female JIC 37° - Swivel

#	Thread	Hose I.D.	A		H	B	
Part Number	inch	inch	inch	mm	inch	inch	mm
106S6-32-32	2 1/2 x 12	2	6.52	165,7	2.5	3.08	78,2

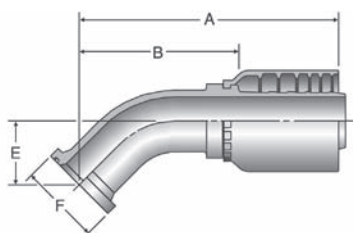


14AS6

SAE Code 61 Flange Head - 5,000 psi

ISO 12151-3-S-L (5,000 psi)

#	Flange	Hose I.D.	A		F	B		E	
Part Number	inch	inch	inch	mm	inch	inch	mm	inch	mm
14AS6-32-32	2	2	6.72	170,8	2-13/16	3.28	83,3	-	-

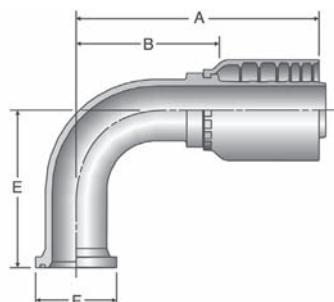


14FS6

SAE Code 61 Flange Head - 45° Elbow - 5,000 psi

ISO 12151-3-E-45S-L (1 Piece: ISO 12151-3-E45M-L) (5,000 psi)

#	Flange	Hose I.D.	A		F	B		E	
Part Number	inch	inch	inch	mm	inch	inch	mm	inch	mm
14FS6-32-32	2	2	9.00	228,7	2-13/16	5.56	141,2	2.205	56,0



14NS6

SAE Code 61 Flange Head - 90° Elbow - 5,000 psi



ISO 12151-3-E-90S-L (1 Piece: ISO 12151-3-E90M-L) (5,000 psi)

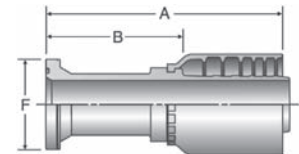
#	Flange	Hose I.D.	A		F	B		E	
Part Number	inch	inch	inch	mm	inch	inch	mm	inch	mm
14NS6-32-32	2	2	8.41	213,7	2-13/16	4.97	126,2	5.433	138,0

16AS6

SAE Code 62 Flange Head

ISO 12151-3-S-S



#			A		F	B		E	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	inch	mm	inch	mm
16AS6-32-32	2	2	8.21	208,6	3-1/8	4.77	121,1	-	-

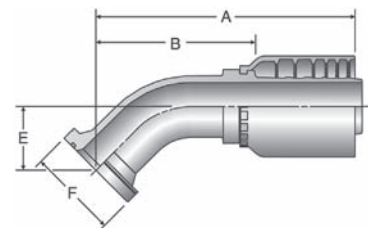


16FS6

SAE Code 62 Flange Head - 45° Elbow

ISO 12151-3-E45S-S (1 Piece: ISO 1251-3-E45-M-S)



#			A		F	B		E	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	inch	mm	inch	mm
16FS6-32-32	2	2	9.00	208,6	3-1/8	5.56	141,2	2.205	56,0

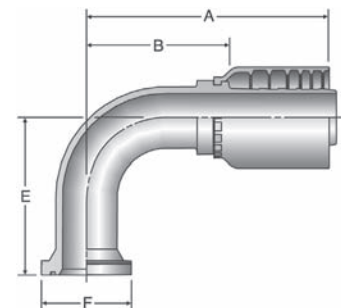


16NS6

SAE Code 62 Flange Head - 90° Elbow



ISO 12151-3-E90S-S (1 Piece: ISO 1251-3-E90M-S)

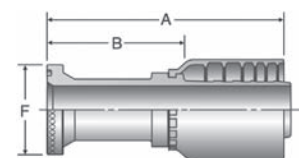
#			A		F	B		E	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	inch	mm	inch	mm
16NS6-32-32	2	2	8.41	213,7	3-1/8	4.97	126,2	5.43	138,0



1XAS6

Caterpillar® Flange Head




#			A		F	B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	inch	mm
1XAS6-32-32	2	2	8.21	208,6	3-1/8	4.77	121

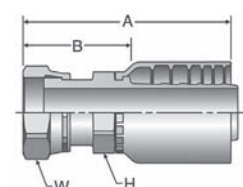


1JSS6

SAE Code 61 Flange Head - Straight

ISO 12151-S-L

#			A			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	inch	mm
1JSS6-32-32	2	2.5X12	6.46	164,2	2.5	3.02	76,7



Hose
A


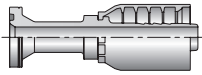
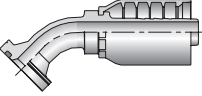
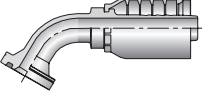
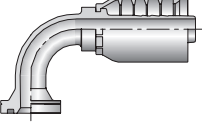

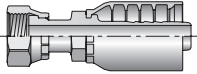
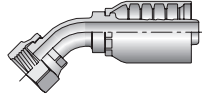
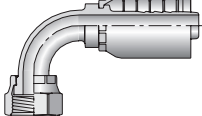
Fittings
78 Series
B

Equipment
C

Accessories
D

Technical
E



 <p>Code 62 Flange</p>	<p>16A79 B-100</p>  <p><i>Flange</i></p>	<p>16F79 B-100</p>  <p><i>45° Elbow</i></p>	<p>16G79 B-100</p>  <p><i>60° Elbow</i></p>	<p>16N79 B-101</p>  <p><i>90° Elbow</i></p>	 <p>Seal-Lok® (O-Ring Face Seal)</p>
<p>1JS79 B-101</p>  <p><i>Female - Swivel Long</i></p>	<p>1J779 B-101</p>  <p><i>Female - Swivel 45° Elbow</i></p>	<p>1J979 B-101</p>  <p><i>Female - Swivel 90° Elbow - Short</i></p>			

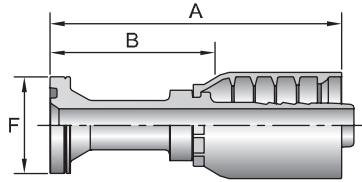
Hose
A

Fittings
79 Series
B

Equipment
C

Accessories
D

Technical
E



16A79

SAE Code 62 Flange Head

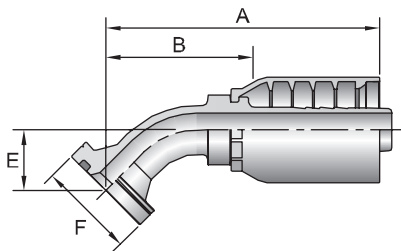
ISO 12151-3 - S - S

#			A		F		B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	mm
16A79-12-12	3/4	3/4	4.90	124	1-5/8	2.84	72	
16A79-16-12	1	3/4	3.88	99	1-7/8	1.82	46	
16A79-16-16	1	1	5.48	139	1-7/8	3.31	84	
16A79-20-16	1-1/4	1	4.28	109	2-1/8	2.11	54	
16A79-20-20	1-1/4	1-1/4	6.09	155	2-1/8	3.41	87	
16A79-24-24	1-1/2	1-1/2	7.11	181	1-1/2	4.07	103	

16F79

SAE Code 62 Flange Head - 45° Elbow

ISO 12151-3 - E45S - S (1 Piece: ISO 12151-3 - E45M - S)

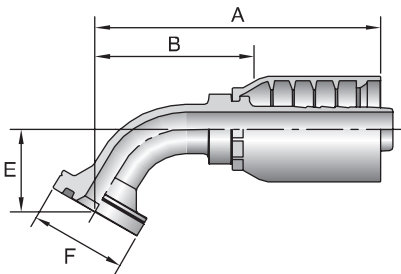


#			A		E		F		B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	mm	inch	mm
16F79-12-12	3/4	3/4	4.61	117	1.02	26	1-5/8	2.55	65	
16F79-16-16	1	1	5.33	135	1.26	32	1-7/8	3.16	80	
16F79-16-20	1	1-1/4	6.25	159	1.50	38	1-7/8	3.57	91	
16F79-20-16	1-1/4	1	5.33	135	1.26	32	2-1/8	3.16	80	
16F79-20-20	1-1/4	1-1/4	6.77	172	1.50	38	2-1/8	4.09	104	
16F79-24-24	1-1/2	1-1/2	7.96	202	1.73	44	2-1/2	4.07	103	

16G79

SAE Code 62 Flange Head - 60° Elbow

ISO 12151-3 - E60S - S (1 Piece: ISO 12151-3 - E60M - S)





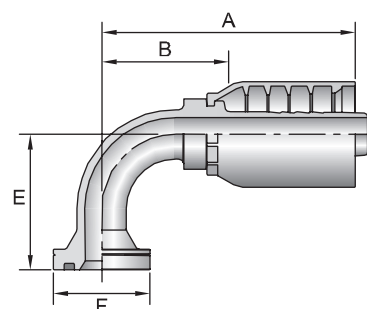
#			A		E		F		B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	mm	inch	mm
16G79-16-16	1	1	6.18	157	1.73	44	1-7/8	4.01	102	

See Accessories for O-Rings and Flange Kits.





16N79**SAE Code 62 Flange Head - 90° Elbow**

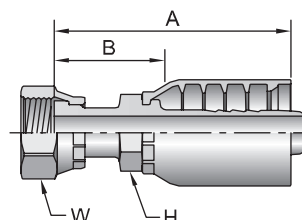
ISO 12151-3 - E90S - S (1 Piece: ISO 12151-3 - E90M - S)

# Part Number	 Flange inch	 Hose I.D. inch	A		E		F		B	
			inch	mm	inch	mm	inch	mm	inch	mm
16N79-12-12	3/4	3/4	4.27	108	2.28	58	1-5/8	2.21	56	
16N79-16-12	1	3/4	4.27	108	2.28	58	1-7/8	2.21	56	
16N79-16-16	1	1	4.95	126	2.76	70	1-7/8	2.78	71	
16N79-20-16	1-1/4	1	4.95	126	2.76	70	2-1/8	2.78	71	
16N79-20-20	1-1/4	1-1/4	6.31	160	3.54	90	2-1/8	3.63	92	
16N79-24-24	1-1/2	1-1/2	7.50	190	4.09	104	2-1/2	4.46	113	




**1JS79****Female Seal-Lok® - Swivel - Long**

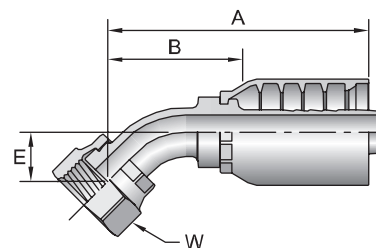
ISO 12151-1 - SWSB

# Part Number	 Thread inch		 Hose I.D. inch	A		 H		 W		B	
				inch	mm	inch	mm	inch	mm	inch	mm
1JS79-12-12	3/4	1-3/16x12	3/4	3.99	101	1-1/8	1-3/8	1.93	49		
1JS79-16-12	1	1-7/16x12	3/4	4.26	108	1-3/8	1-5/8	2.20	56		
1JS79-16-16	1	1-7/16x12	1	4.45	113	1-3/8	1-5/8	2.28	58		
1JS79-20-16	1-1/4	1-11/16x12	1	4.32	110	1-3/4	1-7/8	2.15	55		
1JS79-20-20	1-1/4	1-11/16x12	1-1/4	5.00	127	1-3/4	1-7/8	2.32	59		
1JS79-24-24	1-1/2	2x12	1-1/2	5.28	134	2	2-1/4	2.24	57		




**1J779****Female Seal-Lok® - Swivel - 45° Elbow**

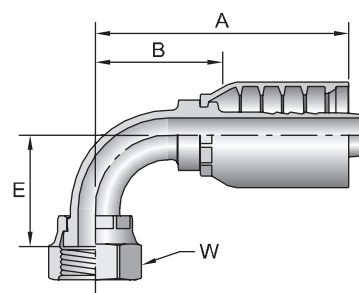
ISO 12151-1 - SWE45

# Part Number	 Thread inch		 Hose I.D. inch	A		E		 W	B	
				inch	mm	inch	mm		inch	mm
1J779-12-12	3/4	1-3/16x12	3/4	4.40	112	0.83	21	1-3/8	2.34	59
1J779-16-16	1	1-7/16x12	1	5.01	127	0.94	24	1-5/8	2.84	72
1J779-20-20	1-1/4	1-11/16x12	1-1/4	6.15	156	1.00	25	1-7/8	3.49	89

**1J979****Female Seal-Lok® - Swivel - 90° Elbow - Short Drop**

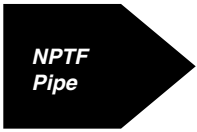
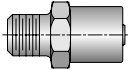
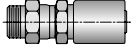
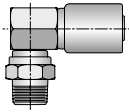
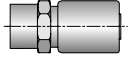

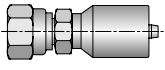
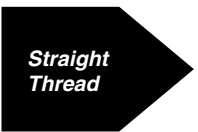
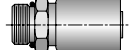
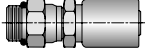
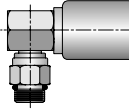

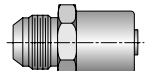
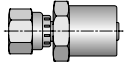
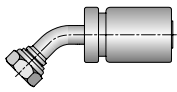
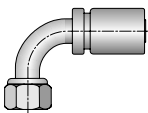
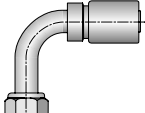
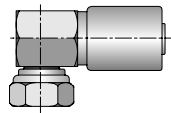

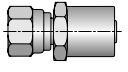
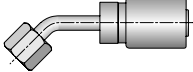
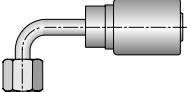



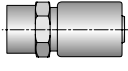



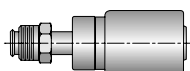
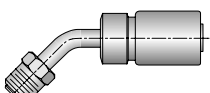
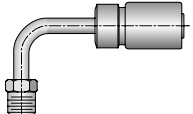
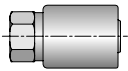

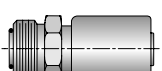
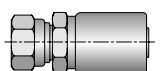
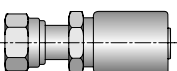
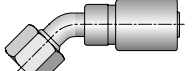

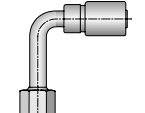

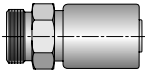





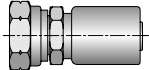
ISO - 12151-1 - SWES90

# Part Number	 Thread inch		 Hose I.D. inch	A		E		 W	B	
				inch	mm	inch	mm		inch	mm
1J979-12-12	3/4	1-3/16x12	3/4	4.27	108	1.88	48	1-3/8	2.21	56
1J979-16-16	1	1-7/16x12	1	4.95	126	2.21	56	1-5/8	2.78	71
1J979-20-20	1-1/4	1-11/16x12	1-1/4	6.20	157	2.52	64	1-7/8	3.52	89



See Accessories for O-Rings and Flange kits.

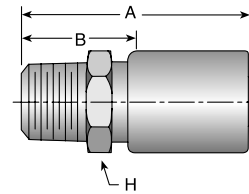
A	Hose
B	Fittings HY Series
C	Equipment
D	Accessories
E	Technical

	101HY B-103  Male - Rigid	113HY B-103  Male - Swivel	11LHY B-104  Male - Swivel 90° Elbow	102HY B-104  Female - Rigid	
107HY B-104  Female - Swivel (60° Cone)		105HY B-105  Male - Rigid	10GHY B-105  Male - Swivel	10LHY B-106  Swivel - Swivel 90° Elbow	
103HY B-106  Male - Rigid	106HY B-107  Female - Swivel	137HY B-108  Female - Swivel 45° Elbow - Short	139HY B-108  Female - Swivel 90° Elbow - Short	141HY B-109  Female - Swivel 90° Elbow - Long	193HY B-109  Female - Swivel 90° Elbow - Block
	108HY B-109  Female - Swivel	177HY B-110  Female - Swivel 45° Elbow	179HY B-110  Female - Swivel 90° Elbow		111HY B-110  Male - Rigid
	1GJHY B-110  Female - Rigid		134HY B-111  Male Standpipe Rigid		128HY B-111  Male - Swivel
167HY B-111  Male - Swivel 45° Elbow	169HY B-112  Male - Swivel 90° Elbow	129HY B-112  Female - Rigid		1J0HY B-112  Male - Rigid w/O-Ring	1JCHY B-112  Female - Swivel Short
1JSHY B-113  Female - Swivel Long	1J7HY B-113  Female - Swivel 45° Elbow	1J9HY B-114  Female - Swivel 90° Elbow - Short	1J1HY B-114  Female - Swivel 90° Elbow - Long		1D0HY B-115  Male - Rigid
13DHY B-115  Male Standpipe Rigid		1D9HY B-115  Male - Rigid	1GUHY B-116  Female - Swivel	1UTHY B-116  Male - Rigid	1XUHY B-116  Female - Metric Swivel

101HY

Male NPTF Pipe - Rigid

# Part Number	Thread inch	Hose I.D. inch	A		H inch	B		Additional Material Stainless Steel (C303)
			inch	mm		inch	mm	
101HY-2-4	1/8x27	1/4	2.34	59	5/8	1.00	25	
101HY-4-4	1/4x18	1/4	2.53	64	9/16	1.19	30	
101HY-4-5	1/4x18	5/16	2.56	65	11/16	1.22	31	
101HY-4-6	1/4x18	3/8	2.55	65	11/16	1.19	30	
101HY-6-4	3/8x18	1/4	2.53	64	3/4	1.19	30	
101HY-6-5	3/8x18	5/16	2.56	65	3/4	1.22	31	
101HY-6-6	3/8x18	3/8	2.55	65	3/4	1.19	30	•
101HY-6-8	3/8x18	1/2	2.72	69	7/8	1.38	35	
101HY-8-4	1/2x14	1/4	2.72	69	7/8	1.38	35	
101HY-8-6	1/2x14	3/8	2.73	69	7/8	1.38	35	
101HY-8-7	1/2x14	13/32	2.73	69	7/8	1.38	35	
101HY-8-8	1/2x14	1/2	2.91	74	7/8	1.56	40	•
101HY-8-10	1/2x14	5/8	2.94	75	1-1/8	1.59	40	
101HY-8-12	1/2x14	3/4	3.08	78	1-1/4	1.50	38	
101HY-12-8	3/4x14	1/2	2.91	74	1-1/16	1.56	40	
101HY-12-10	3/4x14	5/8	2.98	76	1-1/8	1.59	40	
101HY-12-12	3/4x14	3/4	3.08	78	1-1/4	1.50	38	•
101HY-12-16	3/4x14	1	3.23	82	1-3/8	1.63	41	
101HY-16-12	1x11-1/2	3/4	3.27	83	1-3/8	1.69	43	
101HY-16-14	1x11-1/2	7/8	3.27	83	1-3/8	1.78	43	
101HY-16-16	1x11-1/2	1	3.42	87	1-3/8	1.81	46	•
101HY-20-20	1-1/4x11-1/2	1-1/4	3.84	98	1-3/4	2.00	51	
101HY-24-22	1-1/2x11-1/2	1-1/2	4.22	107	2	2.38	60	
101HY-32-29	2x11-1/2	2	4.94	125	2-1/2	2.56	65	

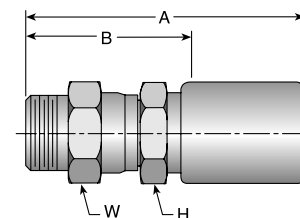


Stainless steel fittings must be assembled with Karrykrimp 2, Phastkrimp, Superkrimp or Parkrimp 2. See CrimpSource for more information.

113HY

Male NPTF Pipe - Swivel

# Part Number	Thread inch	Hose I.D. inch	A		H inch	W inch	B	
			inch	mm			inch	mm
113HY-2-4	1/8x27	1/4	2.97	75	9/16	5/8	1.63	41
113HY-4-4	1/4x18	1/4	3.06	78	9/16	5/8	1.72	44
113HY-4-6	1/4x18	3/8	3.17	81	11/16	11/16	1.81	46
113HY-6-4	3/8x18	1/4	3.13	80	5/8	11/16	1.78	45
113HY-6-6	3/8x18	3/8	3.11	79	11/16	11/16	1.75	44
113HY-6-8	3/8x18	1/2	3.31	84	7/8	7/8	1.97	50
113HY-8-6	1/2x14	3/8	3.38	86	7/8	7/8	2.03	52
113HY-8-8	1/2x14	1/2	3.50	89	7/8	7/8	2.16	55
113HY-12-12	3/4x14	3/4	3.95	100	1-1/4	1-1/4	2.38	60
113HY-16-16	1x11-1/2	1	4.23	107	1-1/2	1-1/2	2.63	67



Fitting allows minor movement under pressure to relieve stress on hose but is not to be used for continuous swiveling. See Technical Section for Pressure Limitations.

Hose
A

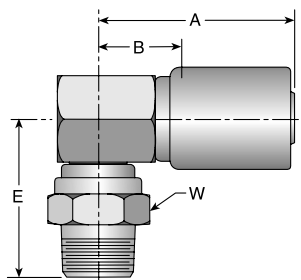
Fittings
HY Series
B

Equipment
C

Accessories
D

Technical
E

Hose
A



11LHY

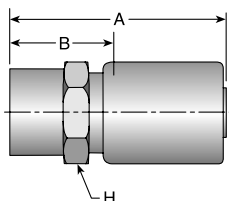
Male NPTF Pipe - Swivel - 90° Elbow

#			A		E		B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	mm
11LHY-2-4	1/8x27	1/4	2.31	59	1.50	38	5/8	0.97 25
11LHY-4-4	1/4x18	1/4	2.31	59	1.69	43	11/16	0.97 25
11LHY-4-6	1/4x18	3/8	2.33	59	1.69	43	11/16	0.97 25
11LHY-6-4	3/8x18	1/4	2.31	59	1.63	41	11/16	0.97 25
11LHY-6-6	3/8x8	3/8	2.33	59	1.63	41	11/16	0.97 25
11LHY-8-6	1/2x14	3/8	2.73	69	1.88	48	7/8	0.97 25
11LHY-8-8	1/2x14	1/2	3.00	76	1.93	49	7/8	1.09 28

Fittings
HY Series
B

102HY

Female NPTF Pipe - Rigid

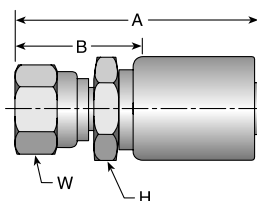


#			A			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	H inch	inch	mm
102HY-2-4	1/8x27	1/4	2.34	59	5/8	1.00	25
102HY-4-4	1/4x18	1/4	2.47	63	11/16	1.13	29
102HY-4-6	1/4x18	3/8	2.48	63	11/16	1.13	29
102HY-6-4	3/8x18	1/4	2.47	63	7/8	1.13	29
102HY-6-6	3/8x18	3/8	2.48	63	7/8	1.13	29
102HY-8-6	1/2x14	3/8	2.75	70	1	1.41	36
102HY-8-8	1/2x14	1/2	2.84	72	1	1.50	38
102HY-12-12	3/4x14	3/4	2.83	72	1-1/4	1.25	32
102HY-16-16	1x11-1/2	1	3.27	83	1-1/2	1.66	42

Equipment
C

107HY

Female NPSM Pipe - Swivel - (60° Cone)



#			A				B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	H inch	W inch	inch	mm
107HY-4-4	1/4x18	1/4	2.66	68	9/16	11/16	1.31	33
107HY-6-4	3/8x18	1/4	2.72	69	3/4	7/8	1.38	35
107HY-6-6	3/8x18	3/8	2.55	65	3/4	7/8	1.19	30
107HY-8-8	1/2x14	1/2	2.91	74	1	1	1.56	40
107HY-12-8	3/4x14	1/2	3.05	77	1-1/4	1-1/4	1.69	43
107HY-12-12	3/4x14	3/4	3.22	82	1-1/4	1-1/4	1.66	42
107HY-16-16	1x11-1/2	1	3.39	86	1-3/8	1-1/2	1.78	45

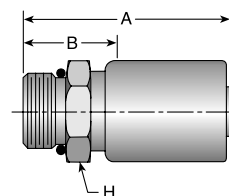
Accessories
D

Technical
E

105HY

Male SAE Straight Thread with O-Ring - Rigid

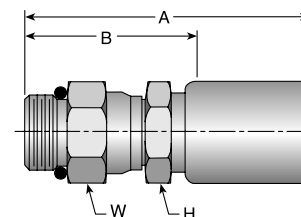
# Part Number	Thread inch	Hose I.D. inch	A		H inch	B	
			inch	mm		inch	mm
105HY-4-4	7/16x20	1/4	2.33	59	9/16	0.97	25
105HY-5-4	1/2x20	1/4	2.33	59	5/8	0.97	25
105HY-6-4	9/16x18	1/4	2.42	61	11/16	1.06	27
105HY-6-6	9/16x18	3/8	2.38	60	11/16	1.03	26
105HY-8-6	3/4x16	3/8	2.42	61	7/8	1.06	27
105HY-8-8	3/4x16	1/2	2.59	66	7/8	1.25	32
105HY-10-6	7/8x14	3/8	2.55	65	1	1.19	30
105HY-10-8	7/8x14	1/2	2.66	68	1	1.31	33
105HY-10-10	7/8x14	5/8	2.80	71	1-1/8	1.41	36
105HY-12-8	1-1/16x12	1/2	2.81	71	1-1/4	1.47	37
105HY-12-10	1-1/16x12	5/8	2.83	72	1-1/4	1.44	37
105HY-12-12	1-1/16x12	3/4	2.92	74	1-1/4	1.34	34
105HY-16-12	1-5/16x12	3/4	2.92	74	1-1/2	1.34	34
105HY-16-16	1-5/16x12	1	3.08	78	1-1/2	1.47	37



10GHY

Male SAE Straight Thread with O-Ring - Swivel

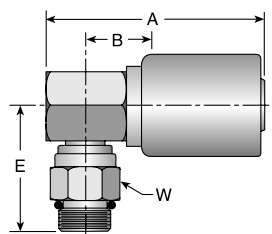
# Part Number	Thread inch	Hose I.D. inch	A		H inch	W inch	B	
			inch	mm			inch	mm
10GHY-4-4	7/16x20	1/4	3.00	76	9/16	5/8	1.66	42
10GHY-5-4	1/2x20	1/4	3.00	76	9/16	5/8	1.66	42
10GHY-6-4	9/16x18	1/4	3.16	80	5/8	11/16	1.81	46
10GHY-6-6	9/16x18	3/8	3.14	80	11/16	11/16	1.78	45
10GHY-8-6	3/4x16	3/8	3.24	82	13/16	7/8	1.88	48
10GHY-8-8	3/4x16	1/2	3.36	85	7/8	7/8	2.00	51
10GHY-10-8	7/8x14	1/2	3.44	87	1	1	2.09	53
10GHY-12-8	1-1/16x12	1/2	3.66	93	1-1/4	1-1/4	2.31	59
10GHY-12-12	1-1/16x12	3/4	3.89	99	1-1/4	1-1/4	2.31	59
10GHY-16-16	1-5/16x12	1	3.95	100	1-3/8	1-1/2	2.34	59



Fitting allows minor movement under pressure to relieve stress on hose but is not to be used on extensive or continuous swiveling.

O-Ring not compatible with Phosphate Ester fluids.

Hose
A



10LHY

Male SAE Straight Thread with O-Ring - Swivel - 90° Elbow

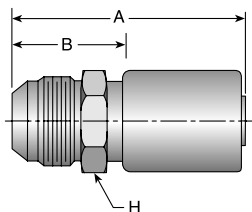
# Part Number	Thread inch	Hose I.D. inch	A		E		W inch	B	
			inch	mm	inch	mm		inch	mm
10LHY-4-4	7/16x20	1/4	2.31	59	1.63	41	11/16	0.97	25
10LHY-6-4	9/16x18	1/4	2.31	59	1.66	42	7/8	0.97	25
10LHY-6-6	9/16x18	3/8	2.33	59	1.66	42	11/16	0.97	25
10LHY-8-4	3/4x16	1/4	2.31	59	1.75	44	7/8	0.94	24
10LHY-8-6	3/4x16	3/8	2.33	59	1.73	44	7/8	0.97	25
10LHY-8-8	3/4x16	1/2	3.00	76	1.80	46	7/8	1.09	28
10LHY-10-8	7/8x14	1/2	3.00	76	1.88	48	1	1.09	28
10LHY-12-12	1-1/16x12	3/4	2.77	70	2.23	57	1-1/4	1.19	30

Fitting allows minor movement under pressure to relieve stress on hose but is not to be used on extensive or continuous swiveling.

Fittings
HY Series
B

103HY

Male JIC 37° - Rigid



# Part Number	Thread inch	Hose I.D. inch	A		H inch	B	
			inch	mm		inch	mm
103HY-4-4	7/16x20	1/4	2.52	64	5/8	1.19	30
103HY-5-4	1/2x20	1/4	2.52	64	5/8	1.19	30
103HY-6-4	9/16x18	1/4	2.53	64	11/16	1.19	30
103HY-6-5	9/16x18	5/16	2.56	65	11/16	1.22	31
103HY-6-6	9/16x18	3/8	2.54	65	11/16	1.19	30
103HY-6-8	9/16x18	1/2	2.72	69	7/8	1.38	35
103HY-8-6	3/4x16	3/8	2.64	67	13/16	1.28	33
103HY-8-8	3/4x16	1/2	2.81	71	7/8	1.47	37
103HY-10-6	7/8x14	3/8	2.81	71	1	1.47	37
103HY-10-8	7/8x14	1/2	2.91	74	1	1.56	40
103HY-10-10	7/8x14	5/8	2.98	76	1-1/8	1.59	40
103HY-10-12	7/8x14	3/4	3.08	78	1-1/4	1.50	38
103HY-12-8	1-1/16x12	1/2	3.02	77	1-1/8	1.66	42
103HY-12-10	1-1/16x12	5/8	3.09	78	1-1/8	1.72	44
103HY-12-12	1-1/16x12	3/4	3.19	81	1-1/4	1.63	41
103HY-14-12	1-3/16x12	3/4	3.19	81	1-1/4	1.63	41
103HY-16-12	1-5/16x12	3/4	3.23	82	1-3/8	1.66	42
103HY-16-16	1-5/16x12	1	3.39	86	1-3/8	1.78	45
103HY-20-16	1-5/8x12	1	3.44	87	1-3/4	1.81	46
103HY-20-20	1-5/8x12	1-1/4	3.83	97	1-3/4	2.00	51

Equipment
C

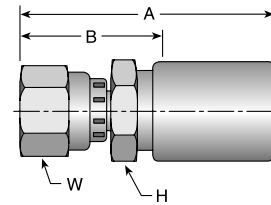
Accessories
D

Technical
E

106HY

Female JIC 37° - Swivel

#	Thread	Hose I.D.	A		H	W	B		Additional Material Stainless Steel (C303)
Part Number	inch	inch	inch	mm	inch	inch	inch	mm	
106HY-3-4	3/8x24	1/4	2.58	66	9/16	1/2	1.22	31	
106HY-4-4	7/16x20	1/4	2.60	66	9/16	9/16	1.25	32	•
106HY-4-6	7/16x20	3/8	2.67	68	3/4	9/16	1.31	33	
106HY-5-4	1/2x20	1/4	2.65	67	9/16	5/8	1.31	33	
106HY-5-5	1/2x20	5/16	2.69	68	5/8	5/8	1.34	34	
106HY-5-6	1/2x20	3/8	2.73	69	3/4	5/8	1.38	35	
106HY-6-4	9/16x18	1/4	2.67	68	5/8	11/16	1.31	33	
106HY-6-5	9/16x18	5/16	2.70	69	5/8	11/16	1.34	34	
106HY-6-6	9/16x18	3/8	2.69	68	11/16	11/16	1.34	34	•
106HY-8-6	3/4x16	3/8	2.72	69	7/8	7/8	1.38	35	
106HY-8-8	3/4x16	1/2	2.90	74	7/8	7/8	1.56	40	•
106HY-8-10	3/4x16	5/8	2.98	76	1-1/8	7/8	1.59	40	
106HY-8-12	3/4x16	3/4	3.08	78	1-1/4	7/8	1.53	39	
106HY-10-6	7/8x14	3/8	2.81	71	7/8	1	1.47	37	
106HY-10-8	7/8x14	1/2	2.98	76	1	1	1.63	41	
106HY-10-10	7/8x14	5/8	3.06	78	1-1/8	1	1.69	43	
106HY-10-12	7/8x14	3/4	3.16	80	1-1/4	1	1.59	40	
106HY-12-6	1-1/16x12	3/8	3.00	76	1-1/8	1-1/4	1.66	42	
106HY-12-8	1-1/16x12	1/2	3.05	77	1-1/8	1-1/4	1.69	43	
106HY-12-10	1-1/16x12	5/8	3.12	79	1-1/8	1-1/4	1.75	44	
106HY-12-12	1-1/16x12	3/4	3.22	82	1-1/4	1-1/4	1.66	42	•
106HY-12-16	1-1/16x12	1	3.38	86	1-3/8	1-1/4	1.75	44	
106HY-14-12	1-3/16x12	3/4	3.23	82	1-1/4	1 3/8	1.66	42	
106HY-16-12	1-5/16x12	3/4	3.30	84	1-3/8	1-1/2	1.72	44	
106HY-16-14	1-5/16x12	7/8	3.30	84	1-3/8	1-1/2	1.72	44	
106HY-16-16	1-5/16x12	1	3.45	88	1-3/8	1-1/2	1.84	47	•
106HY-16-20	1-5/16x12	1-1/4	3.84	98	1-3/4	1-1/2	2.00	51	
106HY-20-16	1-5/8x12	1	3.70	94	1-3/4	2	2.09	53	
106HY-20-20	1-5/8x12	1-1/4	4.09	104	2	2	2.25	57	
106HY-24-22	1-7/8x12	1-3/8	4.56	116	2	2-1/4	2.72	57	



Stainless steel fittings must be assembled with Karrykrimp 2, PHastkrimp, Superkrimp or Parkrimp 2. See CrimpSource for more information.

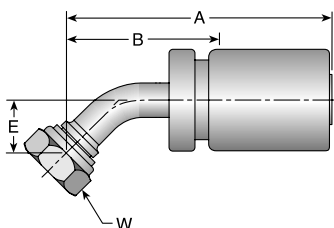
Hose
A

Fittings
HY Series
B

Equipment
C

Accessories
D

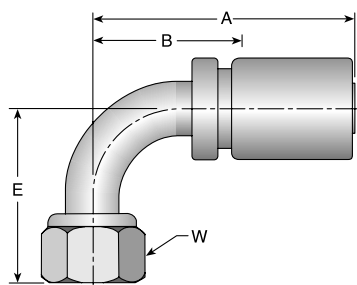
Technical
E



137HY

Female JIC 37° - Swivel - 45° Elbow - Short Drop

# Part Number	Thread inch	Hose I.D. inch	A		E		W	B	
			inch	mm	inch	mm	inch	inch	mm
137HY-4-4	7/16x20	1/4	2.59	66	0.39	10	9/16	1.32	34
137HY-5-4	1/2x20	1/4	3.27	83	0.36	9	5/8	1.91	49
137HY-6-4	9/16x18	1/4	2.70	69	0.43	10	3/4	1.43	36
137HY-6-5	9/16x18	5/16	3.34	85	0.39	11	11/16	2.00	51
137HY-6-6	9/16x18	3/8	2.72	69	0.43	11	11/16	1.44	37
137HY-8-6	3/4x16	3/8	2.88	73	0.58	15	7/8	1.60	41
137HY-8-8	3/4x16	1/2	3.10	79	0.59	15	7/8	1.81	46
137HY-10-8	7/8x14	1/2	3.20	81	0.63	16	1	1.91	49
137HY-10-10	7/8x14	5/8	3.29	84	0.63	16	1	1.93	49
137HY-12-10	1-1/16x12	5/8	3.94	100	0.77	20	1-1/8	2.56	65
137HY-12-12	1-1/16x12	3/4	3.82	97	0.83	21	1-1/4	2.29	58
137HY-16-12	1-5/16x12	3/4	4.35	110	0.89	23	1-1/2	2.78	71
137HY-16-16	1-5/16x12	1	4.31	109	0.89	23	1-1/2	2.69	68



139HY

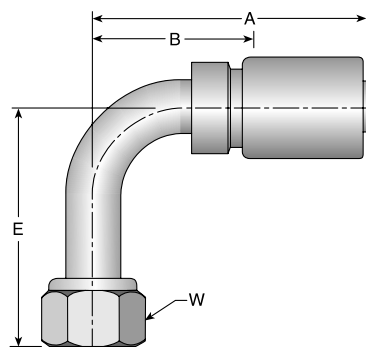
Female JIC 37° - Swivel - 90° Elbow - Short Drop

# Part Number	Thread inch	Hose I.D. inch	A		E		W	B	
			inch	mm	inch	mm	inch	inch	mm
139HY-4-4	7/16x20	1/4	2.40	61	0.83	21	9/16	1.13	29
139HY-5-4	1/2x20	1/4	2.50	64	0.83	21	5/8	1.23	31
139HY-6-4	9/16x18	1/4	2.65	67	0.91	23	3/4	1.38	35
139HY-6-5	9/16x18	5/16	3.25	83	0.86	22	11/16	1.91	49
139HY-6-6	9/16x18	3/8	2.57	65	0.91	23	11/16	1.29	33
139HY-6-8	9/16x18	1/2	3.41	87	0.86	22	11/16	2.06	52
139HY-8-6	3/4x16	3/8	2.64	67	1.14	29	7/8	1.37	35
139HY-8-8	3/4x16	1/2	2.85	72	1.14	29	7/8	1.56	40
139HY-10-8	7/8x14	1/2	3.01	76	1.26	32	1	1.72	44
139HY-10-10	7/8x14	5/8	3.09	78	1.26	32	1	1.73	44
139HY-10-12	7/8x14	3/4	3.25	83	1.23	31	1	1.69	43
139HY-12-8	1-1/16x12	1/2	3.61	92	1.83	46	1-1/4	2.25	57
139HY-12-10	1-1/16x12	5/8	3.61	92	1.89	48	1-1/4	2.25	57
139HY-12-12	1-1/16x12	3/4	3.68	93	1.89	48	1-1/4	2.15	55
139HY-16-12	1-5/16x12	3/4	4.33	110	2.14	54	1-1/2	2.78	71
139HY-16-16	1-5/16x12	1	4.31	109	2.31	59	1-1/2	2.69	68

141HY

Female JIC 37° - Swivel - 90° Elbow - Long Drop

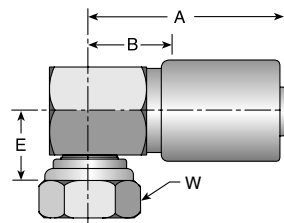
# Part Number	Thread inch	Hose I.D. inch	A		E		W inch	B	
			inch	mm	inch	mm		inch	mm
141HY-4-4	7/16x20	1/4	2.68	68	1.81	46	9/16	1.41	36
141HY-5-4	1/2x20	1/4	3.16	80	1.77	45	5/8	1.81	46
141HY-6-4	9/16x18	1/4	2.89	73	2.13	54	11/16	1.62	41
141HY-6-6	9/16x18	3/8	2.76	70	2.13	54	11/16	1.49	39
141HY-8-6	3/4x16	3/8	2.85	72	2.52	64	7/8	1.58	40
141HY-8-8	3/4x16	1/2	2.89	73	2.52	64	7/8	1.60	41
141HY-10-8	7/8x14	1/2	3.01	76	2.76	70	1	1.72	44
141HY-12-12	1-1/16x12	3/4	3.59	91	3.73	95	1-1/4	2.03	52
141HY-16-16	1-5/16x12	1	4.56	116	4.33	110	1-1/2	2.94	75



193HY

Female JIC 37° - Swivel - 90° Elbow - (Block Type)

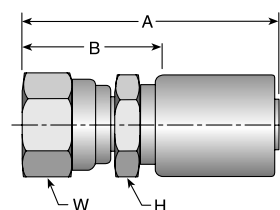
# Part Number	Thread inch	Hose I.D. inch	A		E		W inch	B	
			inch	mm	inch	mm		inch	mm
193HY-6-6	9/16x18	3/8	2.33	59	0.78	20	11/16	0.97	25
193HY-8-6	3/4x16	3/8	2.33	59	0.82	21	7/8	0.97	25
193HY-8-8	3/4x16	1/2	3.00	76	0.85	22	7/8	1.09	28
193HY-12-12	1-1/16x12	3/4	3.33	85	0.99	25	1-1/4	1.19	30



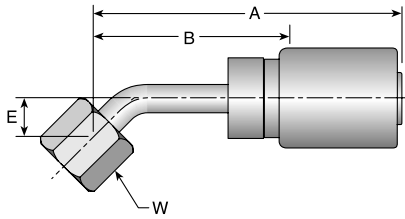
108HY

Female SAE 45° - Swivel

# Part Number	Thread inch	Hose I.D. inch	A		H inch	W inch	B	
			inch	mm			inch	mm
108HY-4-4	7/16x20	1/4	2.60	66	9/16	9/16	1.26	32
108HY-5-4	1/2x20	1/4	2.66	68	9/16	5/8	1.31	33
108HY-5-5	1/2x20	5/16	2.68	68	5/8	5/8	1.34	34
108HY-6-4	5/8x18	1/4	2.73	69	11/16	3/4	1.38	35
108HY-6-5	5/8x18	5/16	2.76	70	5/8	3/4	1.41	36
108HY-6-6	5/8x18	3/8	2.75	70	11/16	3/4	1.41	36
108HY-8-6	3/4x16	3/8	2.73	69	13/16	7/8	1.38	35
108HY-8-8	3/4x16	1/2	2.90	74	7/8	7/8	1.56	40
108HY-8-12	3/4x16	3/4	3.17	81	1-1/4	7/8	1.59	40
108HY-10-8	7/8x14	1/2	2.98	76	1	1	1.63	41
108HY-10-10	7/8x14	5/8	3.06	78	1-1/8	1	1.69	43
108HY-12-10	1-1/16x12	5/8	3.33	85	1-1/8	1-1/4	1.94	49
108HY-12-12	1-1/16x12	3/4	3.41	87	1-1/4	1-1/4	1.84	47



Hose
A

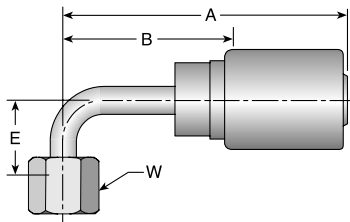


177HY

Female SAE 45° - Swivel - 45° Elbow

# Part Number	Thread inch	Hose I.D. inch	A		E		W	B	
			inch	mm	inch	mm	inch	inch	mm
177HY-6-6	5/8x18	3/8	3.33	85	0.39	10	3/4	1.97	50
177HY-12-12	1-1/16x14	3/4	4.03	102	0.77	20	1-1/4	2.44	62

Fittings
HY Series
B

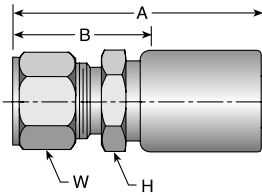


179HY

Female SAE 45° - Swivel - 90° Elbow

# Part Number	Thread inch	Hose I.D. inch	A		E		W	B	
			inch	mm	inch	mm	inch	inch	mm
179HY-6-5	5/8x18	5/16	3.25	83	0.86	22	3/4	1.91	49
179HY-6-6	5/8x18	3/8	3.23	82	0.86	22	3/4	1.88	48
179HY-12-12	1-1/16x14	3/4	3.98	101	1.83	46	1-1/4	2.39	61

Equipment
C



111HY

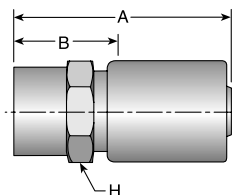
Male Ferulok Flareless - Rigid
(24° Cone w/Nut and Ferrule)

# Part Number	Thread inch	Hose I.D. inch	A		H	W	B	
			inch	mm	inch	inch	inch	mm
111HY-4-4	7/16x20	1/4	2.42	61	9/16	9/16	1.06	27
111HY-4-6	7/16x20	3/8	2.44	62	3/4	9/16	1.09	28
111HY-5-6	1/2x20	3/8	2.44	62	3/4	5/8	1.09	28
111HY-6-4	9/16x18	1/4	2.44	62	5/8	11/16	1.09	28
111HY-6-6	9/16x18	3/8	2.45	62	11/16	11/16	1.09	28
111HY-8-6	3/4x16	3/8	2.61	66	7/8	7/8	1.25	32
111HY-8-8	3/4x16	1/2	2.72	69	7/8	7/8	1.38	35
111HY-10-8	7/8x14	1/2	2.78	71	1	1	1.44	37
111HY-12-12	1-1/16x12	3/4	3.02	77	1-1/4	1-1/4	1.44	37

The Parker Ferrule-Fix fitting makes it possible to salvage the bent tube section from a hose assembly for quick, easy on the job repairs. For additional information see Ferrule-Fix installation instructions in the Technical Section.

Accessories
D

Technical
E





1GJHY

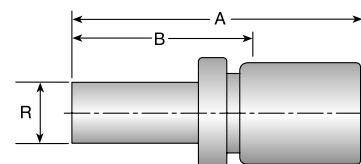
Female Grease Connection - SPL - PTF Taper
Thread - Rigid - 1/2x27

# Part Number	Thread inch	Hose I.D. inch	A		H	B	
			inch	mm	inch	inch	mm
1GJHY-8-4	1/2x27	1/4	2.41	61	3/4	1.06	27

134HY




Male Standpipe - Rigid - (Inch Size Tube O.D.)

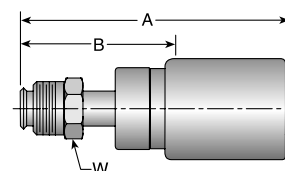
#			A		B	
Part Number	R inch	Hose I.D. inch	inch	mm	inch	mm
134HY-6-6	3/8	3/8	3.17	81	1.81	46
134HY-8-6	1/2	3/8	3.33	85	1.97	50
134HY-12-12	3/4	3/4	3.89	99	2.31	59



128HY




Male Inverted SAE 45° - Swivel

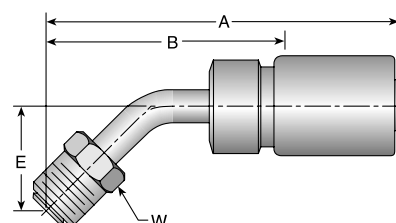
#			A			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	W inch	inch	mm
128HY-3-4	3/8x24	1/4	3.09	78	3/8	1.75	44
128HY-4-4	7/16x24	1/4	3.28	83	7/16	1.94	49
128HY-5-4	1/2x20	1/4	3.34	85	1/2	2.00	51
128HY-5-6	1/2x20	3/8	3.17	81	1/2	1.81	46
128HY-6-5	5/8x18	5/16	3.75	95	5/8	2.41	61
128HY-6-6	5/8x18	3/8	3.73	95	5/8	2.38	60
128HY-7-6	11/16x18	3/8	3.73	95	11/16	2.38	60
128HY-8-6	3/4x18	3/8	3.42	87	3/4	2.06	52
128HY-8-8	3/4x18	1/2	3.66	93	3/4	2.31	59



167HY

Male Inverted SAE 45° - Swivel - 45° Elbow

#			A		E			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	W inch	inch	mm
167HY-4-4	7/16x24	1/4	3.31	84	0.78	20	7/16	1.97	50
167HY-5-4	1/2x20	1/4	3.55	90	0.88	22	1/2	2.19	56
167HY-5-6	1/2x20	3/8	3.38	86	0.88	22	1/2	2.03	52
167HY-6-6	5/8x18	3/8	4.16	106	0.94	24	5/8	2.81	71
167HY-8-8	3/4x18	1/2	4.22	107	1.06	27	3/4	2.88	73



Hose
A

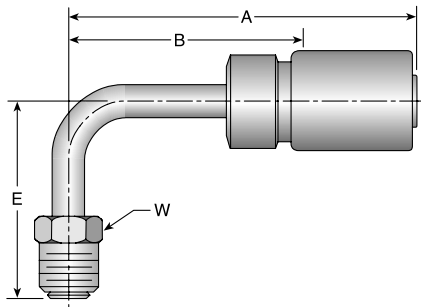
Fittings
HY Series
B

Equipment
C

Accessories
D

Technical
E

Hose
A



169HY

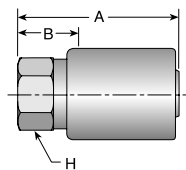
Male Inverted SAE 45° - Swivel - 90° Elbow

#			A		E		W	B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
169HY-3-4	3/8x24	1/4	3.09	78	1.38	35	3/8	1.75	44
169HY-4-4	7/16x24	1/4	3.28	83	1.47	37	7/16	1.94	49
169HY-4-6	7/16x24	3/8	3.11	79	1.47	37	7/16	1.75	44
169HY-5-4	1/2x20	1/4	3.52	89	1.66	42	1/2	2.16	55
169HY-5-6	1/2x20	3/8	3.34	85	1.66	42	1/2	2.00	51
169HY-6-5	5/8x18	5/16	4.05	103	1.69	43	5/8	2.69	68
169HY-6-6	5/8x18	3/8	4.03	102	1.69	43	5/8	2.69	68
169HY-7-6	11/16x18	3/8	4.16	106	1.69	43	11/16	2.81	71
169HY-8-8	3/4x18	1/2	4.09	104	1.88	48	3/4	2.75	70

Fittings
HY Series
B

129HY

Female Inverted SAE 45° - Rigid

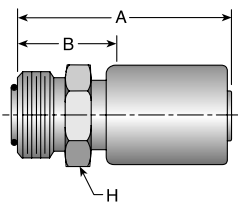


#			A		H	B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	inch	mm
129HY-5-4	1/2x20	1/4	2.25	57	5/8	0.91	23
129HY-6-6	5/8x18	3/8	2.25	57	7/8	0.91	23

Equipment
C

1J0HY

Male Seal-Lok® - Rigid - (with O-Ring)
ISO 1215-1 - S

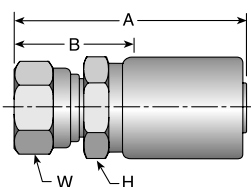


#			A		H	B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	inch	mm
1J0HY-4-4	9/16x18	1/4	2.36	60	5/8	1.00	25
1J0HY-6-6	11/16x16	3/8	2.49	63	3/4	1.13	29
1J0HY-8-8	13/16x16	1/2	2.69	68	7/8	1.34	34
1J0HY-12-8	1-3/16x12	1/2	2.91	74	1-1/4	1.56	40

Accessories
D

1JCHY

Female Seal-Lok® - Swivel - Short
ISO 12151-1 - SWSA



#			A		H	W	B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	inch	inch	mm
1JCHY-4-4	9/16x18	1/4	2.61	66	9/16	11/16	0.94	24
1JCHY-6-6	11/16x16	3/8	2.69	68	11/16	13/16	0.94	24
1JCHY-8-8	13/16x16	1/2	2.91	74	7/8	15/16	1.13	29
1JCHY-12-12	1-3/16x12	3/4	3.31	84	1-1/4	1-3/8	1.13	29

Technical
E

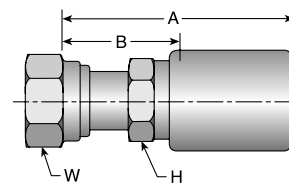
See Accessories for O-Rings.

1JSHY

Female Seal-Lok® - Swivel - Long

ISO 12151-1 - SWSB

# Part Number	Thread inch	Hose I.D. inch	A		H inch	W inch	B	
			inch	mm			inch	mm
1JSHY-4-4	9/16x18	1/4	2.59	66	9/16	11/16	1.25	32
1JSHY-6-4	11/16x16	1/4	2.67	68	5/8	13/16	1.31	33
1JSHY-6-5	11/16x16	5/16	2.70	69	5/8	13/16	1.34	34
1JSHY-6-6	11/16x16	3/8	2.75	70	11/16	13/16	1.34	34
1JSHY-8-6	13/16x16	3/8	2.84	72	7/8	15/16	1.50	38
1JSHY-8-8	13/16x16	1/2	2.95	75	7/8	15/16	1.59	40
1JSHY-10-8	1x14	1/2	3.16	80	15/16	1-1/8	1.81	46
1JSHY-10-10	1x14	5/8	3.17	81	1-1/8	1-1/8	1.78	45
1JSHY-10-12	1x14	3/4	3.27	83	1-1/4	1-1/8	1.69	43
1JSHY-12-10	1-3/16x12	5/8	3.20	81	1-1/8	1-3/8	1.81	46
1JSHY-12-12	1-3/16x12	3/4	3.30	84	1-1/4	1-3/8	1.72	44
1JSHY-16-12	1-7/16x12	3/4	3.44	87	1-3/8	1-5/8	1.88	48
1JSHY-16-16	1-7/16x12	1	3.59	91	1-3/8	1-5/8	1.97	50
1JSHY-20-16	1-11/16x12	1	3.47	88	1-5/8	1-7/8	1.75	59
1JSHY-20-20	1-11/16x12	1-1/4	3.98	101	1-3/4	1-7/8	2.16	55

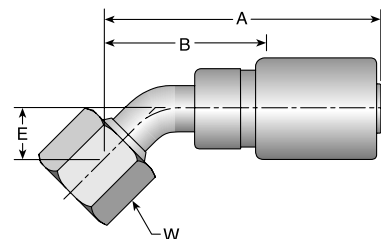


1J7HY

Female Seal-Lok® - Swivel - 45° Elbow

ISO 12151-1 - SWE45

# Part Number	Thread inch	Hose I.D. inch	A		E		W inch	B	
			inch	mm	inch	mm		inch	mm
1J7HY-4-4	9/16x18	1/4	2.59	66	0.39	10	11/16	1.32	34
1J7HY-6-4	11/16x16	1/4	2.70	69	0.43	11	13/16	1.43	36
1J7HY-6-6	11/16x16	3/8	2.72	69	0.43	11	13/16	1.44	37
1J7HY-6-8	11/16x16	1/2	3.41	87	0.44	11	13/16	2.06	52
1J7HY-8-4	13/16x16	1/4	2.95	75	0.59	15	15/16	1.68	43
1J7HY-8-6	13/16x16	3/8	2.89	73	0.59	15	15/16	1.62	41
1J7HY-8-8	13/16x16	1/2	3.10	79	0.59	15	15/16	1.81	46
1J7HY-10-8	1x14	1/2	3.20	81	0.63	16	1-1/8	1.91	49
1J7HY-10-10	1x14	5/8	3.29	84	0.63	16	1-1/8	1.93	49
1J7HY-10-12	1x14	3/4	3.69	94	0.69	18	1-1/8	2.13	54
1J7HY-12-10	1-3/16x12	5/8	3.74	104	0.83	21	1-3/8	2.38	60
1J7HY-12-12	1-3/16x12	3/4	3.82	97	0.83	21	1-3/8	2.29	58
1J7HY-16-12	1-7/16x12	3/4	4.39	112	0.97	25	1-5/8	2.84	72
1J7HY-16-16	1-7/16x12	1	4.55	116	0.97	25	1-5/8	2.94	75



See Accessories for O-Rings.

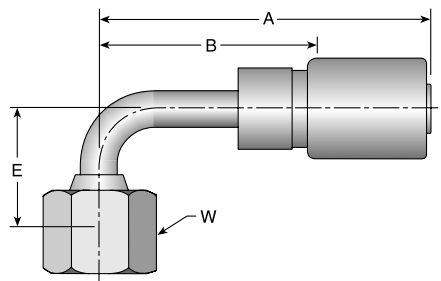
Hose
A

Fittings
HY Series
B

Equipment
C

Accessories
D

Technical
E



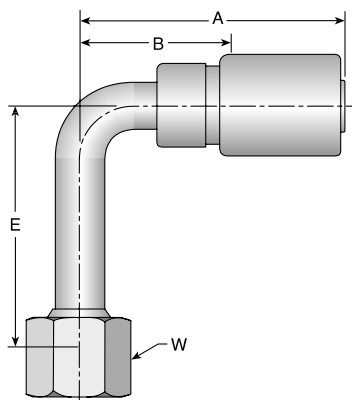
1J9HY

Female Seal-Lok® - Swivel - 90° Elbow - Short Drop
ISO 12151-1 - SWES90

# Part Number	Thread inch	Hose I.D. inch	A		E		W	B	
			inch	mm	inch	mm	inch	inch	mm
1J9HY-4-4	9/16x18	1/4	2.40	61	0.83	21	11/16	1.13	29
1J9HY-4-6	9/16x18	3/8	3.08	78	0.83	21	11/16	1.72	44
1J9HY-6-4	11/16x16	1/4	2.65	67	0.91	23	13/16	1.38	35
1J9HY-6-5	11/16x16	5/16	3/14	80		23	13/16	1.72	44
1J9HY-6-6	11/16x16	3/8	2.57	65	0.91	23	13/16	1.29	33
1J9HY-6-8	11/16x16	1/2	2.77	70	0.91	23	13/16	1.48	38
1J9HY-8-6	13/16x16	3/8	2.64	67	1.14	29	15/16	1.37	35
1J9HY-8-8	13/16x16	1/2	2.85	72	1.14	29	15/16	1.56	40
1J9HY-10-8	1x14	1/2	3.01	76	1.26	32	1-1/8	1.72	44
1J9HY-10-10	1x14	5/8	3.09	78	1.26	32	1-1/8	1.73	44
1J9HY-10-12	1x14	3/4	3.52	89	1.33	34	1-1/8	1.97	50
1J9HY-12-8	1-3/16x12	1/2	3.84	98	1.89	48	1-3/8	2.39	61
1J9HY-12-10	1-3/16x12	5/8	3.61	92	1.89	48	1-3/8	2.25	57
1J9HY-12-12	1-3/16x12	3/4	3.68	93	1.89	48	1-3/8	2.15	55
1J9HY-16-12	1-7/16x12	3/4	4.27	108	2.25	57	1-5/8	2.69	68
1J9HY-16-16	1-7/16x12	1	4.45	113	2.25	57	1-5/8	2.84	72
1J9HY-20-16	1-11/16x12	1	4.77	121	2.51	64	1-7/8	3.16	80

1J1HY

Female Seal-Lok® - Swivel - 90° Elbow - Long Drop
ISO 12151-1 - SWEL90



# Part Number	Thread inch	Hose I.D. inch	A		E		W	B	
			inch	mm	inch	mm	inch	inch	mm
1J1HY-4-4	9/16x18	1/4	2.68	68	1.81	46	11/16	1.41	36
1J1HY-6-4	11/16x16	1/4	2.89	73	2.13	54	13/16	1.62	41
1J1HY-6-6	11/16x16	3/8	2.76	70	2.13	54	13/16	1.49	38
1J1HY-8-6	13/16x16	3/8	2.85	72	2.52	64	15/16	1.58	40
1J1HY-8-8	13/16x16	1/2	2.94	75	2.52	64	15/16	1.65	42
1J1HY-10-8	1x14	1/2	3.01	76	2.76	70	1-1/8	1.72	44
1J1HY-10-10	1x14	5/8	3.42	87	3.83	97	1-1/8	2.03	52
1J1HY-12-12	1-3/16x12	3/4	3.68	93	3.78	96	1-3/8	2.15	55
1J1HY-16-16	1-7/16x12	1	4.45	113	4.50	114	1-5/8	2.84	72

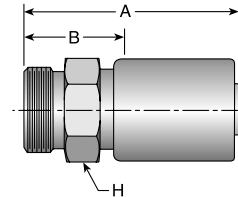
See Accessories for O-Rings.

1D0HY

Male Metric L - Rigid - (24° Cone)

ISO 8434-1

# Part Number	Thread		Hose I.D. inch	A		H	B	
	mm			inch	mm		inch	mm
1D0HY-6-4	6	M12x1.5	1/4	2.36	60	14	1.00	25
1D0HY-8-4	8	M14x1.5	1/4	2.36	60	17	1.00	25
1D0HY-10-4	10	M16x1.5	1/4	2.40	61	19	1.03	26
1D0HY-10-6	10	M16x1.5	3/8	2.42	61	19	1.06	27
1D0HY-12-6	12	M18x1.5	3/8	2.42	61	22	1.06	27
1D0HY-15-6	15	M22x1.5	3/8	2.52	64	24	1.16	29
1D0HY-15-8	15	M22x1.5	1/2	2.63	67	24	1.28	33
1D0HY-18-10	18	M26x1.5	5/8	2.71	69	27	1.31	33

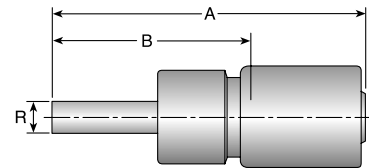


13DHY

Male Standpipe Metric S - Rigid

ISO 8434-1

# Part Number	R	Hose I.D. inch	A		B	
	mm		inch	mm	inch	mm
13DHY-16-8	16	1/2	3.53	90	2.16	55
13DHY-30-16	30	1	4.15	105	2.53	64

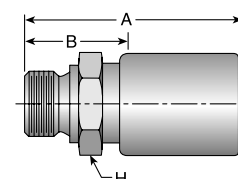


1D9HY

Male BSP Parallel Pipe - Rigid - (60° Cone)

ISO 228-1

# Part Number	Thread	Hose I.D. inch	A		H	B	
	inch		inch	mm		inch	mm
1D9HY-4-4	1/4x19	1/4	2.40	61	13/16	1.03	26
1D9HY-6-6	3/8x19	3/8	2.55	65	7/8	1.19	30
1D9HY-8-6	1/2x14	3/8	2.65	67	1-1/16	1.28	33
1D9HY-8-8	1/2x14	1/2	2.83	72	1-1/16	1.47	37



When used in a port, a bonded seal must be used. See Accessories Section for more information.

Metric L: Mates with EO "L" Series Fittings.
Metric S: Mates with EO "S" Series Fittings.

Hose
A

Fittings
HY Series
B

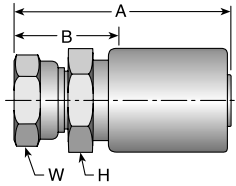
Equipment
C

Accessories
D

Technical
E

1GUHY

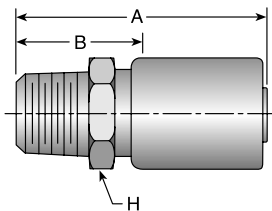
Female BSP Parallel Pipe - Swivel - (60° Cone)
ISO 228-1



#			A		H	W	B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	inch	inch	mm
1GUHY-4-4	1/4x19	1/4	2.62	67	9/16	11/16	1.28	33
1GUHY-6-4	3/8x19	1/4	2.69	68	3/4	7/8	1.34	34
1GUHY-6-6	3/8x19	3/8	2.70	69	3/4	7/8	1.34	34
1GUHY-8-6	1/2x14	3/8	2.84	72	7/8	1	1.50	38
1GUHY-8-8	1/2x14	1/2	3.02	77	7/8	1	1.66	42
1GUHY-12-12	3/4x14	3/4	3.25	83	1-1/4	1-1/4	1.69	43
1GUHY-16-16	1x11	1	3.45	88	1-3/8	1-1/2	1.84	47

1UTHY

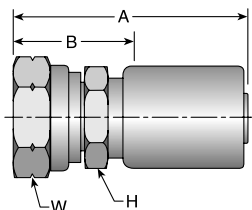
Male BSP Taper Pipe - Rigid - (60° Cone)




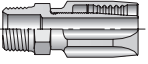

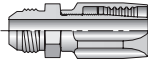
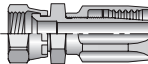
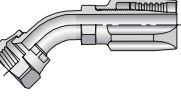
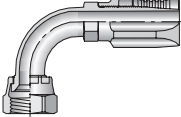
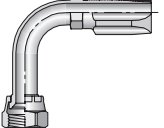

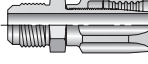
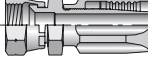
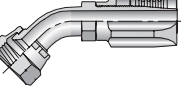
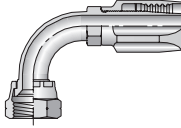
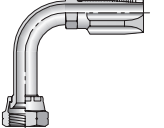

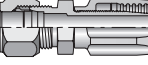

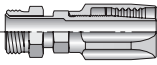
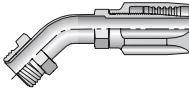
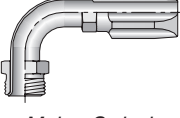

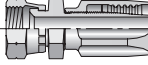

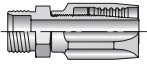

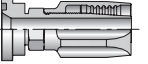
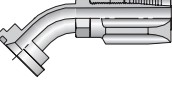
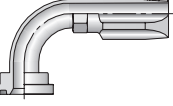

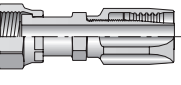
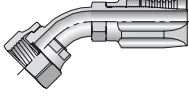
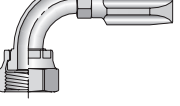
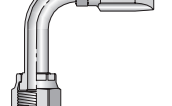

#			A		H	B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	inch	mm
1UTHY-2-4	1/8x28	1/4	2.34	59	9/16	1.00	25
1UTHY-4-4	1/4x19	1/4	2.53	64	9/16	1.19	30

1XUHY

Female Metric Swivel - (30° Flare)



#			A		H	W	B	
Part Number	Thread mm	Hose I.D. inch	inch	mm	mm	mm	inch	mm
1XUHY-24-8	24 M24x1.5	1/2	3.14	80	22	30	1.72	44
1XUHY-24-10	24 M24x1.5	5/8	3.22	82	30	30	1.84	47
1XUHY-30-12	30 M30x1.5	3/4	3.31	84	32	38	1.75	44
1XUHY-33-16	33 M33x1.5	1	3.62	92	36	41	2.00	51

 <p>NPTF Pipe</p>	<p>20120 B-118</p>  <p>Male - Rigid</p>	 <p>JIC 37°</p>	<p>20320 B-118</p>  <p>Male - Rigid</p>	<p>20620 B-119</p>  <p>Female - Swivel</p>	<p>23720 B-119</p>  <p>Female - Swivel 45° Elbow - Short</p>
<p>23920 B-120</p>  <p>Female - Swivel 90° Elbow - Short</p>	<p>24120 B-120</p>  <p>Female - Swivel 90° Elbow - Long</p>	 <p>SAE 45°</p>	<p>20420 B-120</p>  <p>Male - Rigid</p>	<p>20820 B-121</p>  <p>Female - Swivel</p>	<p>27720 B-121</p>  <p>Female - Swivel 45° Elbow</p>
<p>27920 B-121</p>  <p>Female - Swivel 90° Elbow</p>	<p>28120 B-122</p>  <p>Female - Swivel 90° Elbow - Long</p>	 <p>Flareless</p>	<p>21120 B-122</p>  <p>Male - Rigid</p>	 <p>Inverted Flare</p>	<p>22820 B-122</p>  <p>Male - Swivel</p>
<p>26720 B-122</p>  <p>Male - Swivel 45° Elbow</p>	<p>26920 B-123</p>  <p>Male - Swivel 90° Elbow</p>	 <p>PTT 30°</p>	<p>23220 B-123</p>  <p>Female - Swivel</p>	 <p>Compression</p>	<p>26120 B-123</p>  <p>Male (without Nut or Sleeve)</p>
 <p>Code 61 Flange</p>	<p>21520 B-123</p>  <p>Flange</p>	<p>21720 B-124</p>  <p>45° Elbow</p>	<p>21920 B-124</p>  <p>90° Elbow</p>	 <p>Seal-Lok® (O-Ring Face Seal)</p>	<p>2JS20 B-124</p>  <p>Female - Swivel Long</p>
<p>2J720 B-124</p>  <p>Female - Swivel 45° Elbow</p>	<p>2J920 B-125</p>  <p>Female - Swivel 90° Elbow - Short</p>	<p>2J120 B-125</p>  <p>Female - Swivel 90° Elbow - Long</p>	 <p>Assembly Instructions</p>	<p>20 Series Assembly Instructions</p>	

Hose
A

Fittings
20 Series
B

Equipment
C

Accessories
D

Technical
E

Hose
A

Fittings
20 Series
B

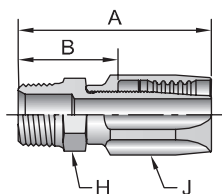
Equipment
C

Accessories
D

Technical
E

20120

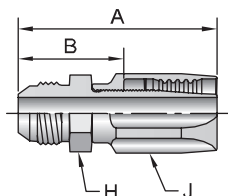
Male NPTF Pipe - Rigid



#									
Part Number	Thread inch	Hose I.D. inch	A inch	A mm	H inch	J inch	B inch	B mm	Additional Material Brass (B)
20120-2-4	1/8x27	3/16	1.72	44	7/16	5/8	0.94	24	
20120-2-5	1/8x27	1/4	1.82	46	1/2	11/16	0.99	25	
20120-4-4	1/4x18	3/16	1.93	49	9/16	5/8	1.15	29	
20120-4-5	1/4x18	1/4	2.01	51	9/16	11/16	1.18	30	
20120-4-6	1/4x18	5/16	2.11	54	9/16	13/16	1.19	30	
20120-6-6	3/8x18	5/16	2.20	56	3/4	13/16	1.28	33	
20120-6-8	3/8x18	13/32	2.48	63	3/4	15/16	1.39	35	
20120-8-8	1/2x14	13/32	2.73	69	7/8	15/16	1.64	42	
20120-8-10	1/2x14	1/2	2.88	73	7/8	1-1/8	1.66	42	
20120-12-10	3/4x14	1/2	2.95	75	1-1/16	1-1/8	1.73	44	
20120-12-12	3/4x14	5/8	3.25	83	1-1/16	1-1/4	1.75	44	
20120-12-16	3/4x14	7/8	2.81	71	1-3/8	1-7/16	1.62	41	
20120-16-16	1x11-1/2	7/8	2.99	76	1-3/8	1-7/16	1.80	46	•
20120-20-20	1-1/4x11-1/2	1-1/8	3.24	82	1-3/4	1-3/4	1.96	50	•
20120-24-24	1-1/2x11-1/2	1-3/8	3.50	89	2	2	2.13	54	•
20120-32-32	2 x11-1/2	1-13/16	4.05	103	2-1/2	2-1/2	2.31	59	•

20320

Male JIC 37° - Rigid

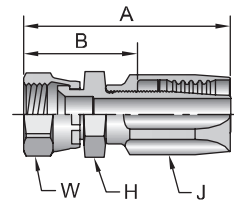


#									
Part Number	Thread inch	Hose I.D. inch	A inch	A mm	H inch	J inch	B inch	B mm	
20320-4-4	1/4 7/16x20	3/16	1.83	46	1/2	5/8	1.05	27	
20320-5-5	5/16 1/2x20	1/4	1.94	49	9/16	11/16	1.11	28	
20320-6-6	3/8 9/16x18	5/16	2.11	54	5/8	13/16	1.19	30	
20320-8-8	1/2 3/4x16	13/32	2.57	65	13/16	15/16	1.48	38	
20320-10-10	5/8 7/8x14	1/2	2.88	73	15/16	1-1/8	1.66	42	
20320-12-12	3/4 1-1/16x12	5/8	3.35	85	1-1/8	1-1/4	1.85	47	
20320-16-16	1 1-5/16x12	7/8	2.95	75	1-3/8	1-7/16	1.76	45	

20620

Female JIC 37° - Swivel

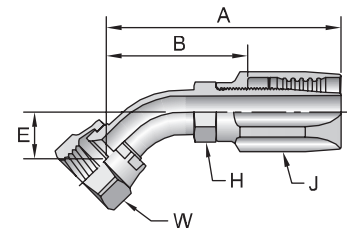
# Part Number	Thread inch	Hose I.D. inch	A inch mm	H inch	J inch	W inch	B inch mm	Additional Material Stainless Steel (C)
20620-4-4	1/4 7/16x20	3/16	1.94 49	9/16	5/8	9/16	1.16 29	•
20620-4-5	1/4 7/16x20	1/4	2.04 52	9/16	11/16	9/16	1.21 31	
20620-5-5	5/16 1/2x20	1/4	2.12 54	5/8	11/16	5/8	1.29 33	
20620-6-5	3/8 9/16x18	1/4	2.19 56	11/16	11/16	11/16	1.36 35	•
20620-6-6	3/8 9/16x18	5/16	2.32 59	11/16	13/16	11/16	1.40 36	•
20620-8-6	1/2 3/4x16	5/16	2.44 62	7/8	13/16	7/8	1.52 39	•
20620-8-8	1/2 3/4x16	13/32	2.79 71	7/8	15/16	7/8	1.70 43	•
20620-8-10	1/2 3/4x16	1/2	2.99 76	7/8	1-1/8	7/8	1.77 45	
20620-10-8	5/8 7/8x14	13/32	2.94 75	7/8	15/16	1	1.85 47	
20620-10-10	5/8 7/8x14	1/2	3.10 79	1	1-1/8	1	1.88 48	•
20620-10-12	5/8 7/8x14	5/8	3.40 86	1	1-1/4	1	1.90 48	•
20620-12-12	3/4 1-1/16x12	5/8	3.49 89	1-1/4	1-1/4	1-1/4	1.99 51	•
20620-16-16	1 1-5/16x12	7/8	3.20 81	1-1/2	1-7/16	1-1/2	2.01 51	•
20620-20-20	1-1/4 1-5/8x12	1-1/8	3.56 90	2	1-3/4	2	2.28 58	
20620-24-24	1-1/2 1-7/8x12	1-3/8	3.95 100	2-1/4	2	2-1/4	2.58 66	
20620-32-32	2 2-1/2x12	1-13/16	4.71 120	2-7/8	2-1/2	2-7/8	2.97 75	



23720

Female JIC 37° - Swivel - 45° Elbow - Short Drop

# Part Number	Thread inch	Hose I.D. inch	A inch mm	E inch mm	H inch	J inch	W inch	B inch mm
23720-4-4	1/4 7/16x20	3/16	2.08 53	0.33 8	3/8	5/8	9/16	1.30 33
23720-5-5	5/16 1/2x20	1/4	2.30 58	0.36 9	7/16	11/16	5/8	1.47 37
23720-6-6	3/8 9/16x18	5/16	2.45 62	0.39 10	1/2	13/16	11/16	1.53 39
23720-8-6	1/2 3/4x16	5/16	2.77 70	0.55 14	5/8	13/16	7/8	1.85 47
23720-10-10	5/8 7/8x14	1/2	3.36 85	0.65 17	3/4	1-1/8	1	2.14 54
23720-12-12	3/4 1-1/16x12	5/8	3.94 100	0.79 20	7/8	1-1/4	1-1/4	2.44 62
23720-16-16	1 1-5/16x12	7/8	3.73 95	0.90 23	1-1/8	1-7/16	1-1/2	2.54 65
23720-20-20	1-1/4 1-5/8x12	1-1/8	4.17 106	1.19 30	1-1/2	1-3/4	2	2.89 73



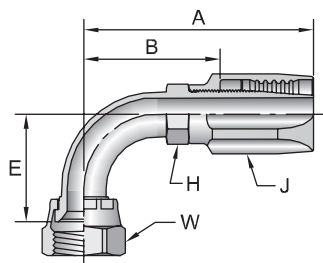
Hose
A

Fittings
20 Series
B

Equipment
C

Accessories
D

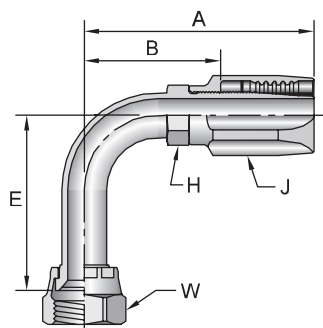
Technical
E



23920

Female JIC 37° - Swivel - 90° Elbow - Short Drop

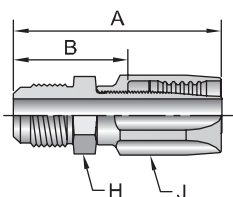
#												
Part Number	Thread	Hose I.D.	A	E	H	J	W	B				
23920-4-4	1/4 7/16x20	3/16	1.91 49	0.83 21	3/8	5/8	9/16	1.13 29				
23920-5-5	5/16 1/2x20	1/4	2.30 58	0.77 20	7/16	11/16	5/8	1.47 37				
23920-6-6	3/8 9/16x18	5/16	2.35 60	0.90 23	1/2	13/16	11/16	1.43 36				
23920-8-8	1/2 3/4x16	13/32	2.88 73	1.09 28	5/8	15/16	7/8	1.79 45				
23920-10-10	5/8 7/8x14	1/2	3.20 81	1.24 31	3/4	1-1/8	1	1.98 50				
23920-12-12	3/4 1-1/16x12	5/8	3.86 98	1.82 46	7/8	1-1/4	1-1/4	2.36 60				
23920-16-16	1 1-5/16x12	7/8	3.69 94	2.14 54	1-1/8	1-7/16	1-1/2	2.50 64				
23920-20-20	1-1/4 1-5/8x12	1-1/8	4.01 102	2.59 66	1-1/2	1-3/4	2	2.73 69				
23920-24-24	1-1/2 1-7/8x12	1-3/8	4.43 113	2.82 72	1-3/4	2	2-1/4	3.06 78				



24120

Female JIC 37° - Swivel - 90° Elbow - Long Drop

#												
Part Number	Thread	Hose I.D.	A	E	H	J	W	B				
24120-4-4	1/4 7/16x20	3/16	2.08 53	1.80 46	3/8	5/8	9/16	1.30 33				
24120-6-6	3/8 9/16x18	5/16	2.34 59	2.18 55	1/2	13/16	11/16	1.42 36				
24120-8-8	1/2 3/4x16	13/32	2.95 75	2.43 62	5/8	15/16	7/8	1.86 47				
24120-10-10	5/8 7/8x14	1/2	3.26 83	2.58 66	3/4	1-1/8	1	2.04 52				
24120-12-12	3/4 1-1/16x12	5/8	3.78 96	3.74 95	7/8	1-1/4	1-1/4	2.28 58				



20420

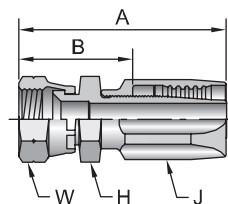
Male SAE 45° - Rigid

#												
Part Number	Thread	Hose I.D.	A	H	J	B						
20420-4-4	1/4 7/16x20	3/16	1.80 46	1/2	5/8	1.02 26						
20420-5-5	5/16 1/2x20	1/4	1.94 49	9/16	11/16	1.11 28						
20420-6-6	3/8 5/8x18	5/16	2.17 55	11/16	13/16	1.25 32						
20420-10-10	5/8 7/8x14	1/2	3.00 76	15/16	1-1/8	1.78 45						
20420-12-12	3/4 1-1/16x14	5/8	3.50 89	1-1/8	1-1/4	2.00 51						

20820

Female SAE 45° - Swivel

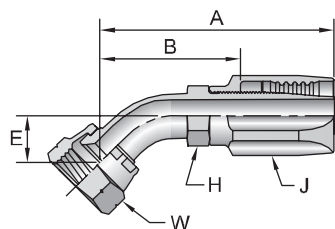
#				A		H	J	W	B	
Part Number	Thread inch	Hose I.D. inch		inch	mm	inch	inch	inch	inch	mm
20820-4-4	1/4	7/16x20	3/16	1.94	49	9/16	5/8	9/16	1.16	29
20820-4-5	1/4	7/16x20	1/4	2.04	52	9/16	11-16	9/16	1.21	31
20820-5-5	5/16	1/2x20	1/4	2.12	54	5/8	11-16	5/8	1.29	33
20820-6-6	3/8	5/8x18	5/16	2.36	60	3/4	13/16	3/4	1.44	37
20820-8-8	1/2	3/4x16	3/8	2.79	71	7/8	15/16	7/8	1.70	43
20820-8-10	1/2	3/4x16	1/2	2.99	76	7/8	1-1/8	7/8	1.77	45
20820-10-10	5/8	7/8x14	1/2	3.10	79	1	1-1/8	1	1.88	48
20820-12-12	3/4	1-1/16x14	5/8	3.49	89	1-1/4	1-1/4	1-1/4	1.99	51



27720

Female SAE 45° - Swivel - 45° Elbow

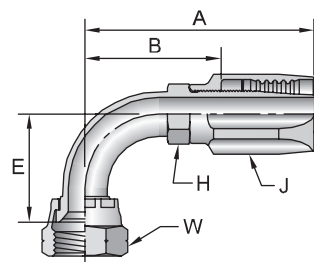
#			A		E		H	J	W	B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	inch	inch	mm
27720-6-6	3/8	5/8x18	2.45	62	0.39	10	1/2	13/16	3/4	1.53	39
27720-8-6	1/2	3/4x16	2.77	71	0.55	14	5/8	13/16	7/8	1.86	47
27720-8-8	1/2	3/4x16	3.09	78	0.55	14	5/8	15/16	7/8	2.00	51
27720-10-10	5/8	7/8x14	3.35	85	0.65	17	3/4	1-1/8	1	2.13	54



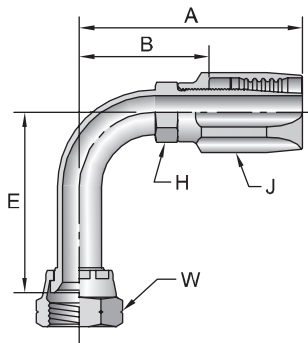
27920

Female SAE 45° - Swivel - 90° Elbow

#			A		E		H	J	W	B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	inch	inch	mm
27920-4-4	1/4	7/16x20	1.91	49	0.83	21	3/8	5/8	9/16	1.13	29
27920-5-5	5/16	1/2x20	2.30	58	0.77	20	7/16	11/16	5/8	1.47	37
27920-6-6	3/8	5/8x18	2.33	59	0.85	22	1/2	13/16	3/4	1.41	36
27920-8-8	1/2	3/4x16	2.86	73	1.09	28	5/8	15/16	7/8	1.77	45
27920-10-10	5/8	7/8x14	3.20	81	1.24	31	3/4	1-1/8	1	1.98	50
27920-12-12	3/4	1-1/16x14	3.87	98	1.82	46	7/8	1-1/4	1-1/4	2.37	60



Notch in nut signifies 45° flare.

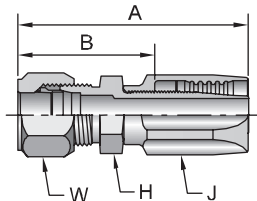


28120

Female SAE 45° - Swivel - 90° Elbow - Long Drop

#	Thread	Hose I.D.	A	E	H	J	W	B
Part Number	inch	inch	inch mm	inch mm	inch	inch	inch	inch mm
28120-6-6	3/8 5/8x18	5/16	2.34 59	2.18 55	1/2	13/16	3/4	1.42 36
28120-8-8	1/2 3/4x16	13/32	2.95 75	2.43 62	5/8	15/16	7/8	1.86 47

Notch in nut signifies 45° flare.

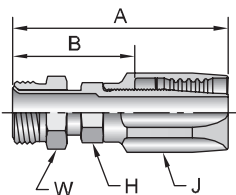


21120

Male Ferulok Flareless - Rigid (24° Cone with Nut and Ferrule)

#	Thread	Hose I.D.	A	H	J	W	B
Part Number	inch	inch	inch mm	inch	inch	inch	inch mm
21120-6-6	3/8 9/16x18	5/16	2.05 52	5/8	13/16	11/16	1.13 29
21120-8-8	1/2 3/4x16	13/32	2.52 64	13/16	15/16	7/8	1.43 36

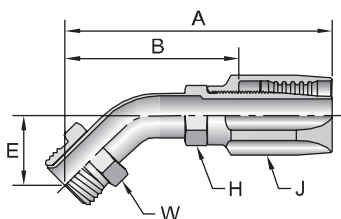
The Parker Ferrule-Fix fitting makes it possible to salvage the bent tube section from a hose assembly for quick, easy on the job repairs. For additional information see Ferrule-Fix installation instructions in the Technical Section.



22820

Male Inverted SAE 45° - Swivel

#	Thread	Hose I.D.	A	H	J	W	B
Part Number	inch	inch	inch mm	inch	inch	inch	inch mm
22820-4-4	1/4 7/16x24	3/16	2.45 62	3/8	5/8	7/16	1.67 42
22820-5-5	5/16 1/2x20	1/4	2.70 69	7/16	11/16	1/2	1.87 47
22820-6-6	3/8 5/8x18	5/16	2.95 75	1/2	13/16	5/8	2.03 52
22820-8-8	1/2 3/4x18	13/32	3.36 85	5/8	15/16	3/4	2.27 58
22820-10-10	5/8 7/8x18	1/2	3.64 92	3/4	1-1/8	7/8	2.42 61



26720

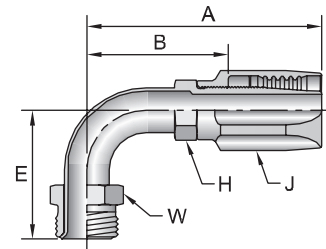
Male Inverted SAE 45° - Swivel - 45° Elbow

#	Thread	Hose I.D.	A	E	H	J	W	B
Part Number	inch	inch	inch mm	inch mm	inch	inch	inch	inch mm
26720-4-4	1/4 7/16x24	3/16	2.21 56	0.62 16	3/8	5/8	7/16	1.43 36
26720-5-5	5/16 1/2x20	1/4	2.44 62	0.70 18	7/16	11/16	1/2	1.61 41
26720-6-6	3/8 5/8x18	5/16	3.00 76	0.94 24	1/2	13/16	5/8	2.08 53
26720-8-8	1/2 3/4x18	13/32	3.51 89	1.09 28	5/8	15/16	3/4	2.42 61

26920

Male Inverted SAE 45° - Swivel - 90° Elbow

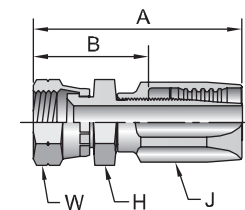
#				A		E		H	J	W	B	
Part Number	Thread	Hose I.D.		inch	mm	inch	mm	inch	inch	inch	inch	mm
26920-4-4	1/4	7/16x24	3/16	2.29	58	1.56	40	3/8	5/8	7/16	1.51	38
26920-5-5	5/16	1/2x20	1/4	2.55	65	1.65	42	7/16	11/16	1/2	1.72	44
26920-5-6	5/16	1/2x20	5/16	2.63	67	1.65	42	1/2	13/16	1/2	1.71	43
26920-6-6	3/8	5/8x18	5/16	2.67	68	1.69	43	1/2	13/16	5/8	1.75	44
26920-8-8	1/2	3/4x18	13/32	3.09	78	1.88	48	5/8	15/16	3/4	2.00	51



23220

Female PTT 30° - Swivel

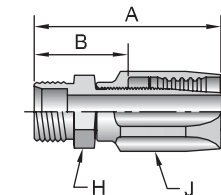
#				A		H	J	W	B	
Part Number	Thread	Hose I.D.		inch	mm	inch	inch	inch	inch	mm
23220-16-16	1	1-5/16x14	7/8	2.98	76	1-1/2	1-7/16	1-1/2	1.79	45



26120

Male SAE Compression Seat (without Nut or Sleeve)

#				A		H	J	B	
Part Number	Thread	Hose I.D.		inch	mm	inch	inch	inch	mm
26120-10-10	5/8	13/16x18	1/2	2.64	67	7/8	1-1/8	1.42	36

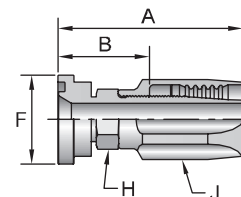


21520

SAE Code 61 Flange Head ISO 12151-3-S-L

#			A		F	H	J	B	
Part Number	Flange	Hose I.D.	inch	mm	inch	inch	inch	inch	mm
21520-20-20	1-1/4	1-1/8	3.58	91	2	1-1/2	1-3/4	2.30	58
21520-40-40	2-1/2	2-3/8	5.22	133	3-5/16	2-3/4	3-1/8	3.41	87

See Accessories Section for O-Rings and Flange Kits.



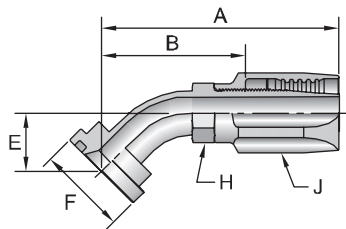
Hose
A

Fittings
20 Series
B

Equipment
C

Accessories
D

Technical
E

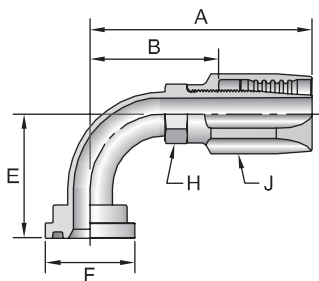


21720

SAE Code 61 Flange Head - 45° Elbow

ISO 12151-3- E45S - L (1 Piece: ISO 12151-3- E45M - L)

#	Flange	Hose I.D.	A		E		F	H	J	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	inch	inch	mm
21720-20-20	1-1/4	1-1/8	4.10	104	1.12	28	2	1-1/2	1-3/4	2.82	72
21720-40-40	2-1/2	2-3/8	5.83	148	1.41	36	3-3/8	2-3/4	3-1/8	4.02	102

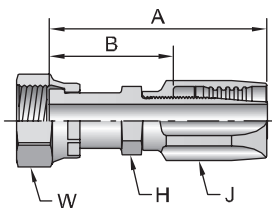


21920

SAE Code 61 Flange Head - 90° Elbow

ISO 12151-3- E90S - L (1 Piece: ISO 12151-3- E90M - L)






#	Flange	Hose I.D.	A		E		F	H	J	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	inch	inch	mm
21920-8-8	1/2	13/32	2.95	75	1.62	41	1-3/16	5/8	15/16	1.86	47
21920-32-32	2	1-13/16	5.44	138	3.19	81	2-13/16	2-1/4	2-1/2	3.70	94
21920-40-40	2-1/2	2-3/8	6.18	157	3.75	95	3-5/16	2-3/4	3-1/8	4.37	111

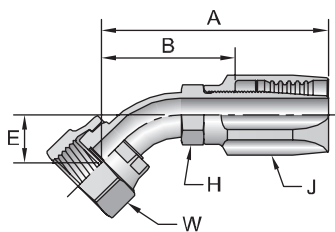


2JS20

Female Seal-Lok® - Swivel - Long

ISO 12151-1 - SWSB






#				A					B	
Part Number	Thread inch		Hose I.D. inch	inch	mm	inch	inch	inch	inch	mm
2JS20-4-4	1/4	9/16x18	3/16	2.07	53	9/16	5/8	11/16	1.29	33
2JS20-6-6	3/8	11/16x16	5/16	2.36	60	1/2	13/16	13/16	1.44	37
2JS20-8-8	1/2	13/16x16	13/32	2.92	74	5/8	15/16	15/16	1.83	46
2JS20-10-10	5/8	1x14	1/2	3.15	80	3/4	1-1/8	1-1/8	1.93	49
2JS20-12-12	3/4	1-3/16x12	5/8	3.66	93	1-1/8	1-1/4	1-3/8	2.16	55



2J720

Female Seal-Lok® - Swivel - 45° Elbow

ISO 12151-1 - SWE45

#			A		E					B		
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	inch	inch	mm	
2J720-4-4	1/4	9/16x18	3/16	2.24	57	0.41	10	7/16	5/8	11/16	1.46	37
2J720-6-6	3/8	11/16x16	5/16	2.52	64	0.43	11	1/2	13/16	13/16	1.60	41
2J720-8-8	1/2	13/16x16	13/32	3.19	81	0.59	15	5/8	15/16	15/16	2.10	53
2J720-10-10	5/8	1x14	1/2	3.46	88	0.65	17	3/4	1-1/8	1-1/8	2.24	57

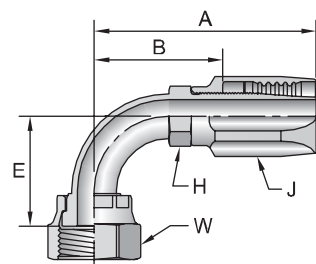
See Accessories Section for O-Rings and Flange Kits.

2J920

Female Seal-Lok® - Swivel 90° Elbow - Short Drop

ISO 12151-1 - SWE90

#				A		E		H	J	W	B	
Part Number	Thread	Hose I.D.	inch	mm	inch	mm	inch	inch	inch	inch	inch	mm
2J920-4-4	1/4	9/16x18	3/16	2.22	56	0.82	21	7/16	5/8	11/16	1.44	37
2J920-6-6	3/8	11/16x16	5/16	2.39	61	0.90	23	1/2	13/16	13/16	1.47	37
2J920-8-8	1/2	13/16x16	13/32	2.91	74	1.15	29	5/8	15/16	15/16	1.82	46
2J920-10-10	5/8	1x14	1/2	3.16	80	1.27	32	3/4	1-1/8	1-1/8	1.94	49
2J920-12-12	3/4	1-3/16x12	5/8	3.74	95	1.85	47	7/8	1-1/4	1-3/8	2.24	57

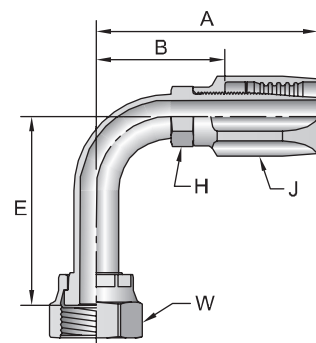


2J120

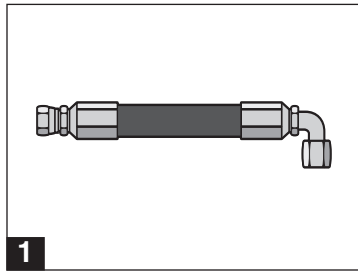
Female Seal-Lok® - Swivel - 90° Elbow - Long Drop

ISO 12151-1 - SWEL90

#				A		E		H	J	W	B	
Part Number	Thread	Hose I.D.	inch	mm	inch	mm	inch	inch	inch	inch	inch	mm
2J120-4-4	1/4	9/16x18	3/16	2.01	51	1.80	46	7/16	5/8	11/16	1.23	31
2J120-6-6	3/8	11/16x16	5/16	2.48	63	2.13	54	1/2	13/16	13/16	1.56	40
2J120-8-8	1/2	13/16x16	13/32	2.96	75	2.51	64	5/8	15/16	15/16	1.87	47

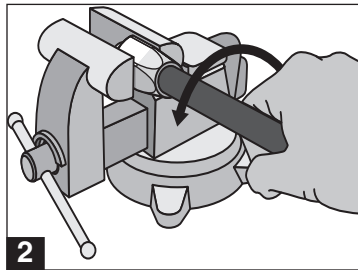


See Accessories Section for O-Rings.

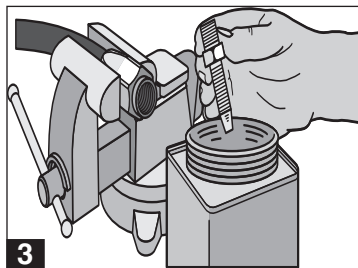


20 Series Hose Assembly Instructions

1. Identify over all length (OAL) of hose assembly and the cut off allowance (COA) length of fitting(s) on hose ends by use of the fitting data table. Properly measure, mark and cut hose to desired length using fine tooth hacksaw or cutoff machine. Care should be taken to ensure a square, clean cut is obtained.



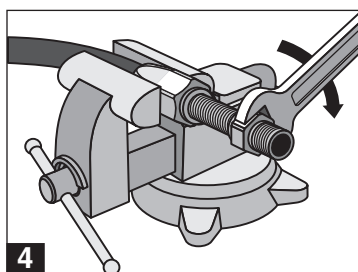
2. Air or solvent flush cut end of hose as necessary to produce a clean hose ID prior to assembly. Place socket in vice and screw in hose counter clockwise until hose bottoms. Back hose out 1/2 turn.



3. Oil inside of hose and nipple threads liberally with Hoze-Oil. (See Section C). Do not oil hose cover.

4. Screw nipple assembly into socket using a wrench on the nipple hex until the nipple hex shoulders against the socket. A 1/32" to 1/16" gap between the nipple hex and socket is allowed for displacement angle adjustment when two elbow fittings are used.

Inspection. Examine hose assembly internally for cut or bulged tube, obstructions and cleanliness. Clean ID of hose as necessary. Swivel nuts should turn freely. Check the layline of the hose to be sure the assembly is not twisted. Cap the ends of the assembly to keep clean.



Special Instructions for stainless steel fittings. When assembling fittings made with 316 stainless steel, lubricate the threads of both the socket and nipple with Accrolube High Efficiency Lubricant (see Section C) or equivalent metal assembly lubricant.

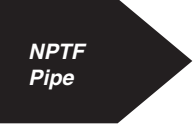
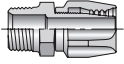


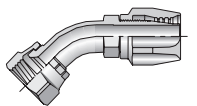
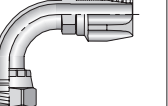
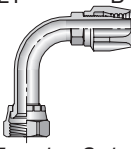

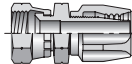
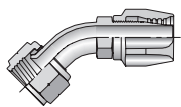
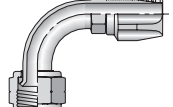

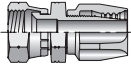

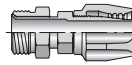
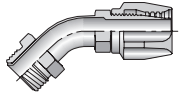
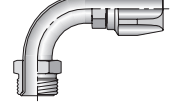

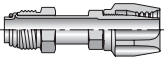
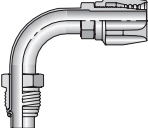
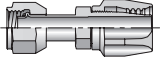
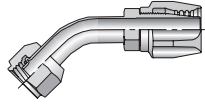
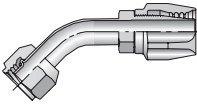
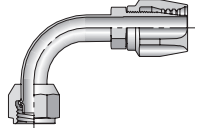
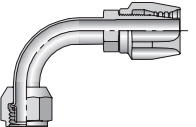

Note: DISASSEMBLE IN REVERSE ORDER

IF YOU HAVE QUESTIONS CONCERNING THE PRODUCTS
OR APPLICATION OF THE PRODUCTS CONTAINED IN THIS
CATALOG, PLEASE CALL: PARKER HOSE PRODUCTS
DIVISION - TECHNICAL SERVICES DEPARTMENT

PHONE: 440/943-5700

FAX: 440/943-3129

<http://www.parkerhose.com>

 NPTF Pipe	20121 B-128  Male - Rigid	 JIC 37°	20621 B-128  Female - Swivel	23721 B-128  Female - Swivel 45° Elbow - Short	23921 B-129  Female - Swivel 90° Elbow - Short
24121 B-129  Female - Swivel 90° Elbow - Long	 SAE 45°	20821 B-129  Female - Swivel	27721 B-129  Female - Swivel 45° Elbow	27921 B-130  Female - Swivel 90° Elbow	 PTT 30°
23221 B-130  Female - Swivel	 Inverted Flare	22821 B-130  Male - Swivel	26721 B-130  Male - Swivel 45° Elbow	26921 B-131  Male - Swivel 90° Elbow	 Tube-O
2S521 B-131  Male - Swivel Short	25M21 B-131  Male - Swivel 90° Elbow - Long	25S21 B-131  Female - Swivel Short	25H21 B-132  Female - Swivel 45° Elbow - Short	25N21 B-132  Female - Swivel 45° Elbow - Long	25T21 B-132  Female - Swivel 90° Elbow - Short
25L21 B-132  Female - Swivel 90° Elbow - Long	 Assembly Instructions	21 Series Assembly Instructions B-133			

Hose
A

Fittings
21 Series
B

Equipment
C

Accessories
D

Technical
E

Hose
A

Fittings
21 Series
B

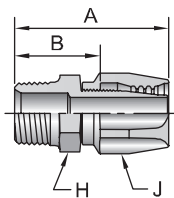
Equipment
C

Accessories
D

Technical
E

20121

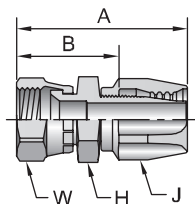
Male NPTF Pipe - Rigid








#	Thread	Hose I.D.	A		H	J	B	
Part Number	inch	inch	inch	mm	inch	inch	inch	mm
20121-2-4	1/8x27	3/16	1.55	39	7/16	9/16	0.88	22
20121-4-4	1/4x18	3/16	1.77	45	9/16	9/16	1.10	28
20121-4-5	1/4x18	1/4	1.79	45	9/16	5/8	1.05	27
20121-4-6	1/4x18	5/16	1.92	49	9/16	3/4	1.14	29
20121-6-6	3/8x18	5/16	1.95	50	11/16	3/4	1.17	30
20121-6-8	3/8x18	13/32	2.10	53	11/16	7/8	1.18	30
20121-8-8	1/2x14	13/32	2.34	59	7/8	7/8	1.42	36
20121-8-10	1/2x14	1/2	2.44	62	7/8	1-1/16	1.44	37
20121-12-12	3/4x14	5/8	2.58	66	1-1/8	1-1/4	1.50	38
20121-12-16	3/4x14	7/8	2.50	64	1-1/4	1-7/16	1.51	38
20121-16-16	1x11-1/2	7/8	2.69	68	1-3/8	1-7/16	1.70	43
20121-20-20	1-1/4x11-1/2	1-1/8	2.91	74	1-11/16	1-3/4	1.87	47
20121-24-24	1-1/2x11-1/2	1-3/8	3.02	77	2	2	1.92	49

20621

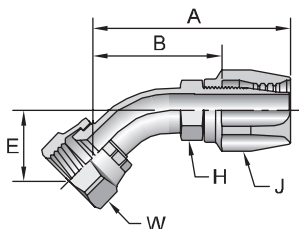
Female JIC 37° - Swivel








#			A					B		
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	inch	inch	inch	mm	
20621-4-4	1/4	7/16x20	3/16	1.83	46	9/16	9/16	9/16	1.16	29
20621-5-5	5/16	1/2x20	1/4	1.92	49	5/8	5/8	5/8	1.18	30
20621-6-6	3/8	9/16x18	5/16	2.09	53	11/16	3/4	11/16	1.31	33
20621-8-8	1/2	3/4x16	13/32	2.46	62	7/8	7/8	7/8	1.54	39
20621-8-10	1/2	3/4x16	1/2	2.56	65	1	1-1/16	7/8	1.56	40
20621-10-10	5/8	7/8x14	1/2	2.65	67	1	1-1/16	1	1.65	42
20621-12-12	3/4	1-1/16x12	5/8	2.85	72	1-1/4	1-1/4	1-1/4	1.77	45
20621-16-16	1	1-5/16x12	7/8	2.94	75	1-1/2	1-7/16	1-1/2	1.95	50
20621-20-20	1-1/4	1-5/8x12	1-1/8	3.16	80	2	1-3/4	2	2.12	54

23721






Female JIC 37° - Swivel - 45° Elbow - Short Drop

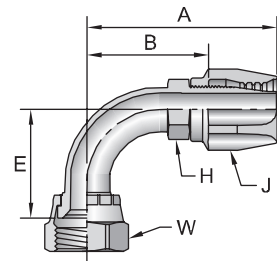


# Part Number				A		E					B	
	Thread		Hose I.D.	inch	mm	inch	mm	H	J	W	inch	mm
23721-4-4	1/4	7/16x20	3/16	2.11	54	0.39	10	3/8	9/16	9/16	1.43	36
23721-6-6	3/8	9/16x18	5/16	2.26	57	0.40	10	1/2	3/4	11/16	1.48	38
23721-8-8	1/2	3/4x16	13/32	2.73	69	0.55	14	5/8	7/8	7/8	1.81	46
23721-10-10	5/8	7/8x14	1/2	2.97	75	0.64	16	3/4	1-1/16	1	1.97	50
23721-12-12	3/4	1-1/16x12	5/8	3.30	84	0.83	21	7/8	1-1/4	1-1/4	2.22	56
23721-16-16	1	1-5/16x12	7/8	3.44	87	0.90	23	1-1/8	1-7/16	1-1/2	2.45	62
23721-20-20	1-1/4	1-5/8x12	1-1/8	3.80	97	1.19	30	1-3/8	1-3/4	2	2.76	70

23921






Female JIC 37° - Swivel - 90° Elbow - Short Drop

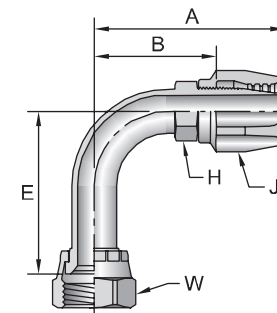
#			A		E					B		
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	inch	inch	mm	
23921-4-4	1/4	7/16 x 20	3/16	1.88	48	0.83	21	3/8	9/16	9/16	1.20	30
23921-4-6	1/4	7/16 x 20	5/16	1.95	50	0.83	21	1/2	3/4	9/16	1.17	30
23921-5-5	5/16	1/2 x 20	1/4	2.07	53	0.77	20	7/16	5/8	5/8	1.33	34
23921-6-6	3/8	9/16x18	5/16	2.15	55	0.85	22	1/2	3/4	11/16	1.37	35
23921-8-8	1/2	3/4 x 16	13/32	2.49	63	1.09	28	5/8	7/8	7/8	1.57	40
23921-10-10	5/8	7/8 x 14	1/2	2.69	68	1.23	31	3/4	1-1/16	1	1.69	43
23921-12-12	3/4	1-1/16 x 12	5/8	2.88	73	1.89	48	7/8	1-1/4	1-1/4	1.80	46
23921-16-16	1	1-5/16 x 12	7/8	3.40	86	2.14	54	1-1/8	1-7/16	1-1/2	2.41	61
23921-20-20	1-1/4	1-5/8 x 12	1-1/8	3.64	92	2.59	66	1-3/8	1-3/4	2	2.60	66



24121






Female JIC 37° - Swivel - 90° Elbow - Long Drop

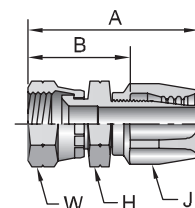
#												
Part Number	Thread		Hose I.D.	A		E		H	J	W	B	
	inch		inch	inch	mm	inch	mm	inch	inch	inch	inch	mm
24121-4-4	1/4	7/16x20	3/16	1.88	48	2.52	64	3/8	9/16	9/16	1.20	30
24121-6-6	3/8	9/16x18	5/16	2.14	54	2.18	55	1/2	3/4	11/16	1.36	35
24121-8-8	1/2	3/4x16	13/32	2.45	62	2.52	64	5/8	7/8	7/8	1.53	39
24121-10-10	5/8	7/8x14	1/2	2.91	74	2.57	65	3/4	1-1/16	1	1.91	49
24121-20-20	1-1/4	1-5/8x12	1-1/8	3.63	92	5.28	134	1-3/8	1-3/4	2	2.59	66



20821






Female SAE 45° - Swivel

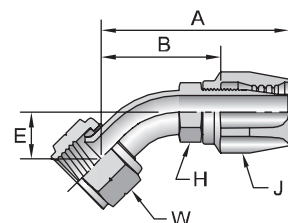
#				A					B	
Part Number	Thread inch		Hose I.D. inch	inch	mm	inch	inch	inch	inch	mm
20821-4-4	1/4	7/16x20	3/16	1.83	46	9/16	9/16	9/16	1.16	29
20821-5-5	5/16	1/2x20	1/4	1.91	49	5/8	5/8	5/8	1.17	30
20821-6-6	3/8	5/8x18	5/16	2.12	54	3/4	3/4	3/4	1.34	34
20821-8-8	1/2	3/4x16	13/32	2.46	62	7/8	7/8	7/8	1.54	39
20821-10-10	5/8	7/8x14	1/2	2.65	67	1	1-1/16	1	1.65	42
20821-12-12	3/4	1-1/16x14	5/8	2.85	72	1-1/4	1-1/4	1-1/4	1.77	45



27721

Female SAE 45° - Swivel - 45° Elbow

#			A		E					B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	inch	inch	mm
27721-6-6	3/8 5/8x18	5/16	2.26	57	0.40	10	1/2	3/4	3/4	1.48	38
27721-12-12	3/4 1-1/16x14	5/8	3.30	84	0.83	21	7/8	1-1/4	1-1/4	2.22	56



Notch in nut signifies 45° flare.

Hose
A

Fittings
21 Series
B

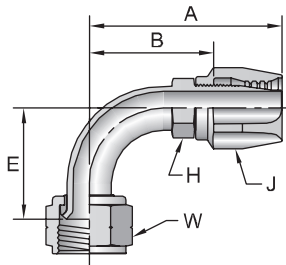
Equipment
C

Accessories
D

Technical
E

27921

Female SAE 45° - Swivel - 90° Elbow

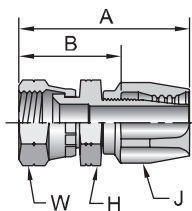


#	Thread	Hose I.D.	A	E	H	J	W	B
Part Number	inch	inch	inch mm	inch mm	inch	inch	inch	inch mm
27921-6-6	3/8 5/8x18	5/16	2.15 55	0.85 22	1/2	3/4	3/4	1.37 35
27921-12-12	3/4 1-1/16x14	5/8	2.88 73	1.89 48	7/8	1-1/4	1-1/4	1.89 46

Notch in nut signifies 45° flare.

23221

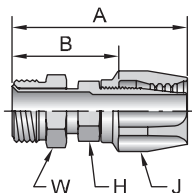
Female PTT 30° - Swivel



#	Thread	Hose I.D.	A	H	J	W	B
Part Number	inch	inch	inch mm	inch	inch	inch	inch mm
23221-16-16	1 1-5/16x14	7/8	2.70 69	1-1/2	1-7/16	1-1/2	1.71 43

22821

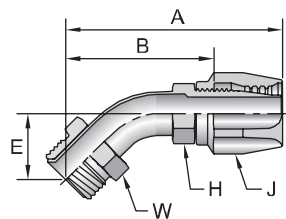
Male Inverted SAE 45° - Swivel



#	Thread	Hose I.D.	A	H	J	W	B
Part Number	inch	inch	inch mm	inch	inch	inch	inch mm
22821-4-4	1/4 7/16x24	3/16	2.36 60	3/8	9/16	7/16	1.68 43
22821-5-4	5/16 1/2x20	3/16	2.32 59	7/16	9/16	1/2	1.64 42
22821-5-5	5/16 1/2x20	1/4	2.34 59	7/16	5/8	1/2	1.60 41
22821-5-6	5/16 1/2x20	5/16	2.47 63	1/2	3/4	1/2	1.69 43
22821-6-6	3/8 5/8x18	5/16	2.45 62	1/2	3/4	5/8	1.67 42
22821-8-8	1/2 3/4x18	13/32	2.84 72	5/8	7/8	3/4	1.92 49
22821-10-10	5/8 7/8x18	1/2	2.91 74	3/4	1-1/16	7/8	1.91 49

26721

Male Inverted SAE 45° - Swivel - 45° Elbow

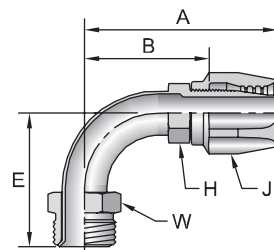


#	Thread	Hose I.D.	A	E	H	J	W	B
Part Number	inch	inch	inch mm	inch mm	inch	inch	inch	inch mm
26721-4-4	1/4 7/16x24	3/16	2.35 60	0.62 16	3/8	9/16	7/16	1.67 42
26721-5-5	5/16 1/2x20	1/4	2.59 66	0.94 24	7/16	5/8	1/2	1.85 47
26721-6-6	3/8 5/8x18	5/16	2.73 69	0.94 24	1/2	3/4	5/8	1.95 50
26721-8-8	1/2 3/4x18	13/32	3.05 77	0.94 24	5/8	7/8	3/4	2.13 54

26921

Male Inverted SAE 45° - Swivel - 90° Elbow

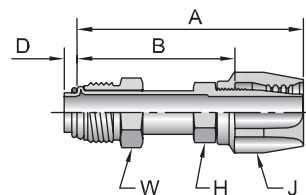
#				A		E		H	J	W	B	
Part Number	Thread	Hose I.D.		inch	mm	inch	mm	inch	inch	inch	inch	mm
26921-4-4	1/4 7/16x24	3/16		2.45	62	1.56	40	3/8	9/16	7/16	1.77	45
26921-5-5	5/16 1/2x20	1/4		2.25	57	1.65	42	7/16	5/8	1/2	1.51	38
26921-5-6	5/16 1/2x20	5/16		2.38	60	1.65	42	1/2	3/4	1/2	1.60	41
26921-6-6	3/8 5/8x18	5/16		2.37	60	1.63	41	1/2	3/4	5/8	1.59	40
26921-8-8	1/2 3/4x18	13/32		2.63	67	1.78	45	5/8	7/8	3/4	1.71	43
26921-10-10	5/8 7/8x18	1/2		2.96	75	2.17	55	3/4	1-1/16	7/8	1.96	50



2S521

Male Tube-O - Swivel - Short Pilot

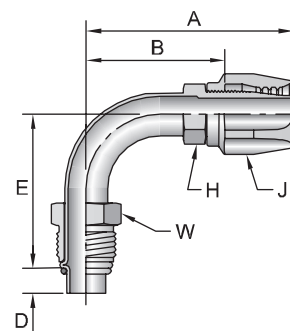
#			A		D		H	J	W	B	
Part Number	Thread	Hose I.D.	inch	mm	inch	mm	inch	inch	inch	inch	mm
2S521-6-6	3/8 5/8x18	5/16	2.64	67	0.18	4.7	1/2	3/4	5/8	1.86	47



25M21

Male Tube-O - Swivel - 90° Elbow - Long Pilot

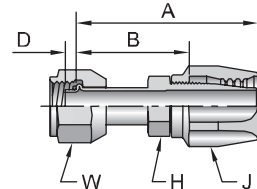
#			A		D		E		H	J	W	B	
Part Number	Thread	Hose I.D.	inch	mm	inch	mm	inch	mm	inch	inch	inch	inch	mm
25M21-8-8	1/2 3/4x18	13/32	2.49	63	0.38	9.8	2.12	54	5/8	7/8	3/4	1.57	40
25M21-10-10	5/8 7/8x18	1/2	3.27	83	0.38	9.8	1.95	50	3/4	1-1/16	7/8	2.27	58

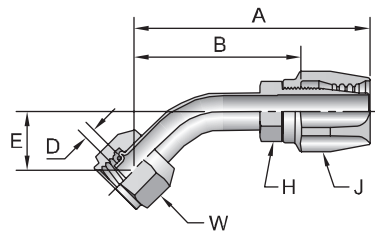


25S21

Female Tube-O - Swivel - Short Pilot

#			A		D		H	J	W	B	
Part Number	Thread	Hose I.D.	inch	mm	inch	mm	inch	inch	inch	inch	mm
25S21-6-6	3/8 5/8x18	5/16	2.66	68	0.18	4.7	1/2	3/4	3/4	1.88	48
25S21-8-8	1/2 3/4x16	13/32	2.86	73	0.18	4.7	5/8	7/8	7/8	1.94	49

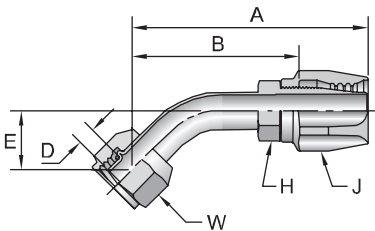




25H21

Female Tube-O - Swivel - 45° Elbow - Short Pilot

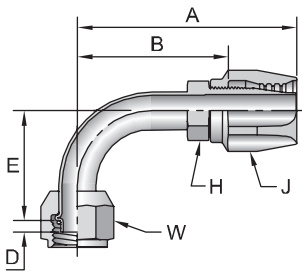
#												
Part Number	Thread	Hose I.D.	A	D	E	H	J	W	B			
25H21-8-8	1/2 3/4x16	13/32	2.74	70	0.18	4,7	0.60	15	5/8	7/8	7/8	1.82 46



25N21

Female Tube-O - Swivel - 45° Elbow - Long Pilot

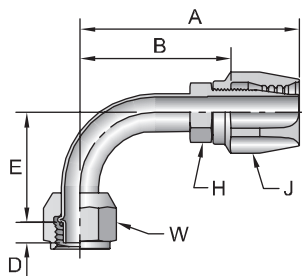
#												
Part Number	Thread	Hose I.D.	A	D	E	H	J	W	B			
25N21-8-8	1/2 3/4x16	13/32	3.24	82	0.38	9,8	0.98	25	5/8	7/8	7/8	2.32 59



25T21

Female Tube-O - Swivel - 90° Elbow - Short Pilot

#												
Part Number	Thread	Hose I.D.	A	D	E	H	J	W	B			
25T21-6-6	3/8 5/8x18	5/16	2.35	60	0.18	4,7	1.21	31	1/2	3/4	3/4	1.57 40
25T21-8-8	1/2 3/4x16	13/32	2.83	72	0.18	4,7	1.31	33	5/8	7/8	7/8	1.91 49
25T21-10-10	5/8 7/8x14	1/2	3.33	85	0.18	4,7	1.50	38	3/4	1-1/16	1-1/16	2.33 59



25L21

Female Tube-O - Swivel - 90° Elbow - Long Pilot

#												
Part Number	Thread	Hose I.D.	A	D	E	H	J	W	B			
25L21-6-6	3/8 5/8x18	5/16	2.28	58	0.28	7,1	1.43	36	1/2	3/4	3/4	1.50 38
25L21-8-8	1/2 3/4x16	13/32	2.50	64	0.38	9,8	1.46	37	5/8	7/8	7/8	1.58 40
25L21-10-10	5/8 7/8x14	1/2	2.83	72	0.38	9,8	1.75	44	3/4	1-1/16	1-1/16	1.83 46

21 Series

Hose Assembly Instructions

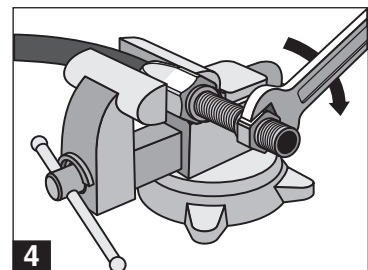
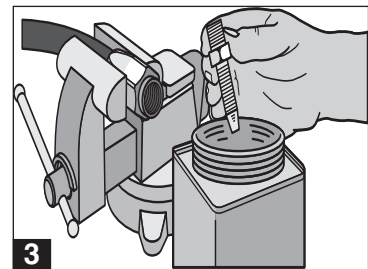
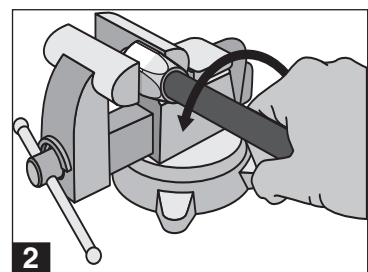
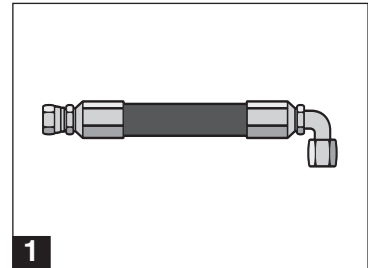
1. Identify over all length (OAL) of hose assembly and the cut off allowance (COA) length of fitting(s) on hose ends by use of the fitting data table. Properly measure, mark and cut hose to desired length using fine tooth hacksaw or a cutoff machine. Care should be taken to ensure a square, clean cut is obtained.
2. Air or solvent flush cut end of hose as necessary to produce a clean hose ID prior to assembly. Place socket in vice and screw in hose counter clockwise until hose bottoms. Back hose out ½ turn.
3. Oil inside of hose and nipple threads liberally with Hoze-Oil. (See Section C). Do not oil hose cover.
4. Screw nipple assembly into socket using a wrench on the nipple hex until the nipple hex shoulders against the socket. A 1/32" to 1/16" gap between the nipple hex and socket is allowed for displacement angle adjustment when elbow fittings are used.

Inspection. Examine hose assembly internally for cut or bulged tube, obstructions and cleanliness. Clean ID of hose as necessary. Swivel nuts should turn freely. Check the layline of the hose to be sure the assembly is not twisted. Cap the ends of the assembly to keep clean.

Special instructions for stainless steel fittings. When assembling fittings made with 316 stainless steel, lubricate the threads of both the socket and nipple with Accrolube High Efficiency Lubricant (see Section C) or equivalent metal assembly lubricant.

Note: Disassemble in reverse order.

IF YOU HAVE QUESTIONS CONCERNING THE PRODUCTS
OR APPLICATION OF THE PRODUCTS CONTAINED IN THIS
CATALOG, PLEASE CALL: PARKER HOSE PRODUCTS
DIVISION - TECHNICAL SERVICES DEPARTMENT
PHONE: 440 / 943-5700
FAX: 440 / 943-3129
<http://www.parkerhose.com>



Hose
A

Fittings
21 Series
B

Equipment
C

Accessories
D

Technical
E

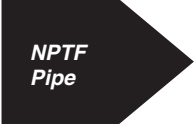
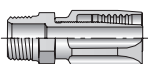

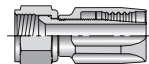

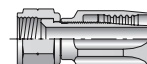

Hose
A

Fittings
21 Series
B

Equipment
C

Accessories
D

Technical
E

 <p>NPTF Pipe</p>	<p>20122 B-136</p>  <p><i>Male - Rigid</i></p>	 <p>JIC 37°</p>	<p>20622 B-136</p>  <p><i>Female - Swivel</i></p>	 <p>SAE 45°</p>	<p>20822 B-136</p>  <p><i>Female - Swivel</i></p>
 <p>Assembly Instructions</p>	<p>22 Series B-137 Assembly Instructions</p>				

Hose
A

Fittings
22 Series
B

Equipment
C

Accessories
D

Technical
E

Hose
A

Fittings
22 Series
B

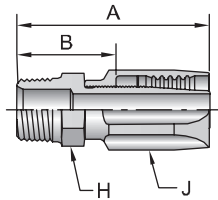
Equipment
C

Accessories
D

Technical
E

20122

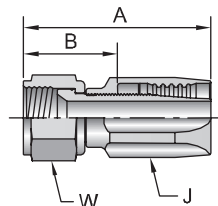
Male NPTF Pipe - Rigid



# Part Number	Thread inch	Hose I.D. inch	A		H	J	B		Additional Material Brass (B)
			inch	mm	inch	inch	inch	mm	
20122-2-4	1/8x27	3/16	1.72	44	7/16	5/8	0.94	24	
20122-4-4	1/4x18	3/16	1.92	49	9/16	5/8	1.92	29	•
20122-4-5	1/4x18	1/4	2.01	51	9/16	11/16	1.18	30	•
20122-4-6	1/4x18	5/16	2.11	54	9/16	13/16	1.19	30	•
20122-6-8	3/8x18	13/32	2.49	63	3/4	15/16	1.40	36	•
20122-12-12	3/4x14	5/8	3.25	83	1-1/16	1-1/4	1.75	44	•

20622

Female JIC 37° - Swivel

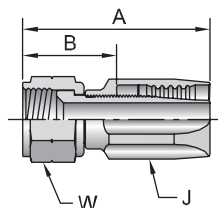


# Part Number	Thread inch		Hose I.D. inch	A		J	W	B		Additional Material Brass (B)
				inch	mm	inch	inch	inch	mm	
20622-4-4~	1/4	7/16x20	3/16	1.74	44	5/8	9/16	0.96	24	•
20622-5-5~	5/16	1/2x20	1/4	1.91	49	11/16	5/8	1.08	27	•
20622-6-6	3/8	9/16x18	5/16	2.05	52	13/16	11/16	1.13	29	•
20622-8-8~	1/2	3/4x16	13/32	2.55	65	15/16	7/8	1.46	37	•
20622-10-10~	5/8	7/8x14	1/2	2.80	71	1-1/8	1	1.58	40	•
20622-12-12	3/4	1-1/16x12	5/8	3.15	80	1-1/4	1-1/8	1.65	42	•
20622-16-16	1	1-5/16x12	7/8	2.84	72	1-7/16	1-1/2	1.65	42	•
20622-20-20	1-1/4	1-5/8x12	1-1/8	3.00	76	1-3/4	2	1.72	44	•
20622-24-24	1-1/2	1-7/8x12	1-3/8	3.30	84	2	2-1/4	1.93	49	•
20622-32-32	2	2-1/2x12	1-13/16	4.05	103	2-1/2	2-7/8	2.31	59	•
20622-40-40	2-1/2	3x12	2-3/8	4.17	106	3-1/8	3-3/8	2.36	60	•

~These 20622 fittings contain a dual seat that accepts both the JIC (37°) and SAE (45°) male configurations.
The -6 and -12 SAE (45°) swivel fittings are shown under part number 20822.

20822

Female SAE 45° - Swivel



# Part Number	Thread inch		Hose I.D. inch	A		J	W	B		Additional Material Brass (B)
				inch	mm	inch	inch	inch	mm	
20822-4-4	1/4	7/16x20	3/16	1.74	44	5/8	9/16	0.96	24	•
20822-5-5	5/16	1/2x20	1/4	1.91	49	11/16	5/8	1.08	27	•
20822-6-6	3/8	5/8x18	5/16	2.08	53	13/16	3/4	1.16	29	•
20822-8-8	1/2	3/4x16	13/32	2.45	62	15/16	7/8	1.36	35	•
20822-10-10	5/8	7/8x14	1/2	2.80	71	1-1/8	1	1.58	40	•
20822-12-12	3/4	1-1/16x14	5/8	3.10	79	1-1/4	1-1/4	1.60	41	•

Notch in nut for SAE (45°) flare.

22 Series (Mandrel Style) Hose Assembly Instructions

1. Identify over all length (OAL) of hose assembly and the cut off allowance (COA) length of fitting(s) on hose ends by use of the fitting data table. Properly measure, mark and cut hose to desired length using fine tooth hacksaw or a cutoff machine. Care should be taken to ensure a square, clean cut is obtained. Air or solvent flush cut end of hose as necessary to produce a clean hose ID prior to assembly. Place socket in vice and screw in hose counter clockwise until hose bottoms. Back hose out 1/2 turn.
2. When assembling male pipe ends, slide nipple onto mandrel.
3. When assembling swivel ends, slide swivel nut over nipple. Slide nut and nipple onto mandrel. Screw mandrel threads into nipple and wrench tighten.
4. Oil inside of hose and nipple threads liberally with Hoze-Oil. (See Section C). **Do not oil hose cover.**
5. Push nipple into socket.
 - Male ends: Thread nipple in until it bottoms against socket.
 - Swivel ends: Thread nipple into socket using hex on assembly mandrel. Leave clearance of approximately 1/32" (.784mm) between nut and socket to allow nut to swivel.**Remove mandrel.**

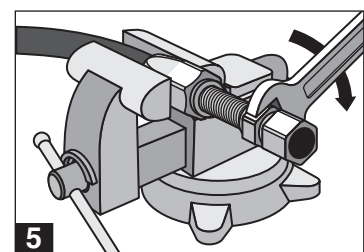
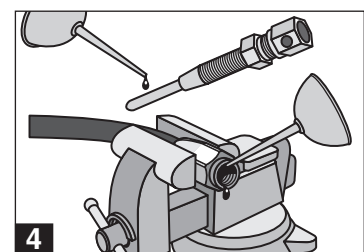
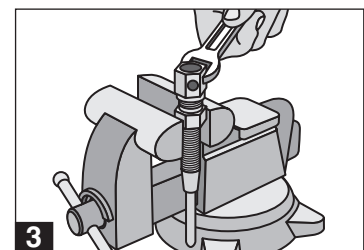
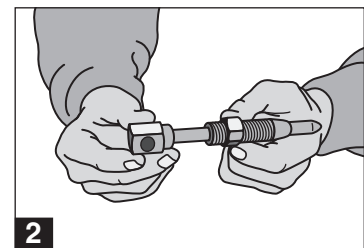
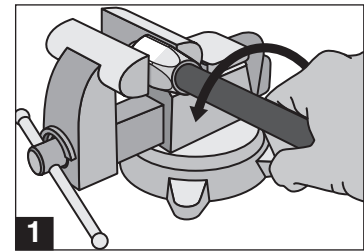
Note: Disassemble in reverse order.

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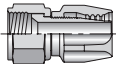

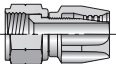

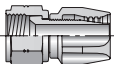

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 <p>JIC 37°</p>	<p>20623 B-140</p>  <p><i>Female - Swivel</i></p>	 <p>SAE 45°</p>	<p>20823 B-140</p>  <p><i>Female - Swivel</i></p>	 <p>PTT 30°</p>	<p>23223 B-140</p>  <p><i>Female - Swivel</i></p>
 <p>Assembly Instructions</p>	<p>23 Series B-141 Assembly Instructions</p>				

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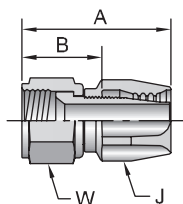
Equipment
C





Accessories
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20623

Female JIC 37° - Swivel

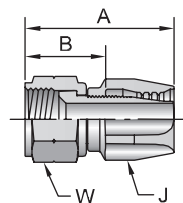






#				A				B	
Part Number	Thread inch		Hose I.D. inch	inch	mm	inch	inch	inch	mm
20623-4-4~	1/4	7/16x20	3/16	1.63	41	9/16	9/16	0.96	24
20623-5-5~	5/16	1/2x20	1/4	1.70	43	5/8	5/8	0.96	24
20623-6-6	3/8	9/16x18	5/16	1.91	49	3/4	11/16	1.13	29
20623-8-8~	1/2	3/4x16	13/32	2.16	55	7/8	7/8	1.24	31
20623-10-10~	5/8	7/8x14	1/2	2.37	60	1-1/16	1	1.37	35
20623-12-12	3/4	1-1/16x12	5/8	2.51	64	1-1/4	1-1/4	1.43	36
20623-16-16	1	1-5/16x12	7/8	2.50	64	1-7/16	1-1/2	1.51	38
20623-20-20	1-1/4	1-5/8x12	1-1/8	2.75	70	1-3/4	2	1.71	43
20623-24-24	1-1/2	1-7/8x12	1-3/8	3.00	76	2	2-1/4	1.90	48
20623-32-32	2	2-1/2x12	1-13/16	3.57	91	2-3/8	2-7/8	2.28	58

~ These 20623 fittings contain a dual seat that accepts both the JIC (37°) and SAE (45°) male configurations. The -6 and -12 SAE (45°) swivel fittings are shown under part number 20823.

20823

Female SAE 45° - Swivel

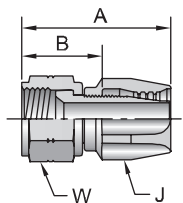





#				A				B		Additional Material Brass (B)
Part Number	Thread inch		Hose I.D. inch	inch	mm	inch	inch	inch	mm	
20823-4-4	1/4	7/16x20	3/16	1.68	43	9/16	9/16	1.01	26	●
20823-6-6	3/8	5/8x18	5/16	1.94	49	3/4	3/4	1.16	29	●
20823-8-8	1/2	3/4x16	13/32	2.08	53	7/8	7/8	1.16	29	●
20823-10-10	5/8	7/8x14	1/2	2.33	59	1-1/16	1	1.33	34	●
20823-12-12	3/4	1-1/16x14	5/8	2.47	63	1-1/4	1-1/4	1.39	35	●

Notch on nut signifies SAE 45° flared fitting.

23223

Female PTT 30° - Swivel



#				A				B	
Part Number	Thread		Hose I.D.			J	W		
	inch		inch	inch	mm	inch	inch	inch	mm
23223-16-16	1	1-5/16x14	7/8	2.29	58	1-7/16	1-1/2	1.30	33
23223-20-20	1-1/4	1-5/8x14	1-1/8	2.62	67	1-3/4	2	1.58	40

23 Series

Mandrel Assembly Instructions

1. Identify over all length (OAL) of hose assembly and the cut off allowance (COA) length of fitting(s) on hose ends by use of the fitting data table. Properly measure, mark and cut hose to desired length using fine tooth hacksaw or a cutoff machine. Care should be taken to ensure a square, clean cut is obtained. Air or solvent flush cut end of hose as necessary to produce a clean hose ID prior to assembly. Place socket in vice and screw in hose counter clockwise until hose bottoms. Back hose out ½ turn.
2. When assembling male pipe ends, slide nipple onto mandrel.
3. When assembling swivel ends, slide swivel nut over nipple. Slide nut and nipple onto mandrel. Screw mandrel threads into nipple and wrench tighten.
4. Oil inside of hose and nipple threads liberally with Hoze-Oil. (See Section C). Do not oil hose cover.
5. Push nipple into socket.
 - Male ends: Thread nipple in until it bottoms against socket.
 - Swivel ends: Apply wrench to hex of assembly mandrel. Thread nipple clockwise into socket until clearance between nut and socket is approximately 1/32" (.794mm) to allow nut to swivel.**Remove mandrel.**

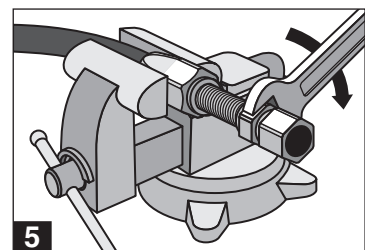
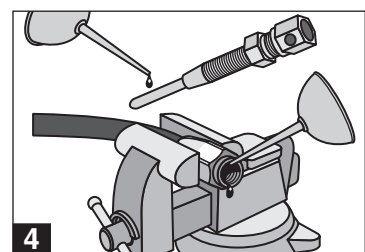
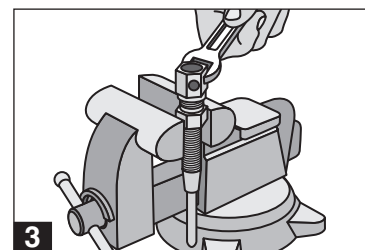
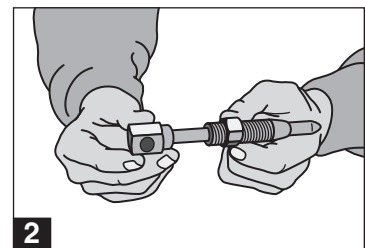
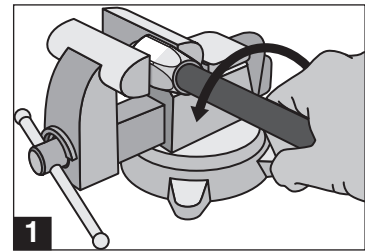
Note: Disassemble in reverse order.

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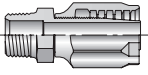
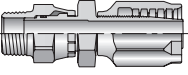

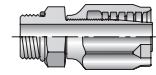

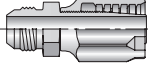
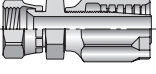
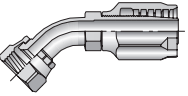
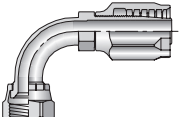
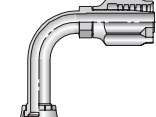

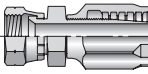

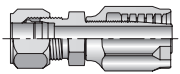
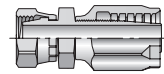

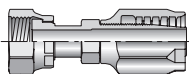
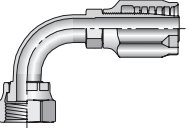

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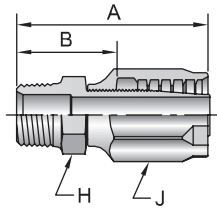


 <p>NPTF Pipe</p>	<p>20130 B-144</p>  <p><i>Male - Rigid</i></p>	<p>21330 B-144</p>  <p><i>Male - Swivel</i></p>	 <p>Straight Thread</p>	<p>20530 B-144</p>  <p><i>Male - Rigid</i></p>	 <p>JIC 37°</p>
<p>20330 B-145</p>  <p><i>Male - Rigid</i></p>	<p>20630 B-145</p>  <p><i>Female - Swivel</i></p>	<p>23730 B-146</p>  <p><i>Female - Swivel 45° Elbow - Short</i></p>	<p>23930 B-146</p>  <p><i>Female - Swivel 90° Elbow - Short</i></p>	<p>24130 B-146</p>  <p><i>Female - Swivel 45° Elbow - Long</i></p>	 <p>SAE</p>
<p>20830 B-146</p>  <p><i>Female - Swivel</i></p>	 <p>Flareless</p>	<p>21130 B-147</p>  <p><i>Male - Rigid</i></p>	<p>21230 B-147</p>  <p><i>Female - Swivel</i></p>	 <p>Seal-Lok® O-Ring Face Seal</p>	<p>2JS30 B-147</p>  <p><i>Female - Swivel Long</i></p>
<p>2J930 B-147</p>  <p><i>Female - Swivel 90° Elbow - Short</i></p>	 <p>Assembly Instructions</p>	<p>30 Series Assembly Instructions</p>			

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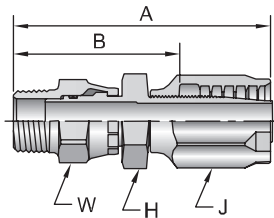
Male NPTF Pipe - Rigid



#								
Part Number	Thread inch	Hose I.D. inch	A		H	J	B	
			inch	mm	inch	inch	inch	mm
20130-2-3	1/8x27	3/16	2.01	51	1/2	3/4	1.23	31
20130-2-4	1/8x27	1/4	2.19	56	9/16	3/4	1.23	31
20130-4-4	1/4x18	1/4	2.38	60	9/16	3/4	1.42	36
20130-4-6	1/4x18	3/8	2.58	66	11/16	15/16	1.44	37
20130-6-4	3/8x18	1/4	2.38	60	3/4	3/4	1.41	36
20130-6-6	3/8x18	3/8	2.58	66	3/4	15/16	1.44	37
20130-6-8	3/8x18	1/2	2.92	74	7/8	1-1/16	1.58	40
20130-8-6	1/2x14	3/8	2.77	70	7/8	15/16	1.63	41
20130-8-8	1/2x14	1/2	3.11	79	7/8	1-1/16	1.77	45
20130-12-12	3/4x14	3/4	3.20	81	1-1/8	1-3/8	1.77	45
20130-16-16	1x11-1/2	1	3.74	95	1-3/8	1-3/4	2.03	52
20130-20-20	1-1/4x11-1/2	1-1/4	4.59	117	1-3/4	2-1/4	2.46	62

21330

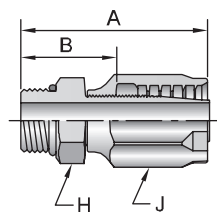
Male NPTF Pipe - Swivel



#								
Part Number	Thread inch	Hose I.D. inch	A		H	J	W	B
			inch	mm	inch	inch	inch	inch mm
21330-4-4	1/4x18	1/4	3.42	87	9/16	3/4	5/8	2.46 62
21330-6-6	3/8x18	3/8	3.67	93	7/8	15/16	3/4	2.53 64
21330-8-8	1/2x14	1/2	4.20	107	1	1-1/16	7/8	2.86 73
21330-12-12	3/4x14	3/4	4.30	109	1	1-3/8	1	2.87 73
21330-16-16	1x11-1/2	1	4.93	125	1-1/2	1-3/4	1-1/2	3.22 82

20530

Male SAE Straight Thread with O-Ring - Rigid



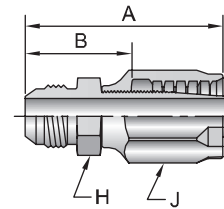
#								
Part Number	Thread inch	Hose I.D. inch	A		H	J	B	
			inch	mm	inch	inch	inch	mm
20530-4-4	1/4	7/16x20	1/4	2.22	56	9/16	3/4	1.26 32
20530-6-6	3/8	9/16x18	3/8	2.45	62	11/16	15/16	1.31 33
20530-8-8	1/2	3/4x16	1/2	2.87	73	7/8	1-1/16	1.53 39

O-Rings are not compatible with Phosphate Ester fluids.

20330

Male JIC 37° - Rigid

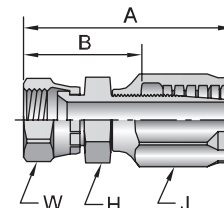
# Part Number	Thread		Hose I.D. inch	A		H inch	J inch	B	
	inch			inch	mm			inch	mm
20330-4-4	1/4	7/16x20	1/4	2.37	60	9/16	3/4	1.41	36
20330-5-4	5/16	1/2x20	1/4	2.37	60	9/16	3/4	1.41	36
20330-6-4	3/8	9/16x18	1/4	2.38	60	5/8	3/4	1.42	36
20330-6-6	3/8	9/16x18	3/8	2.58	66	3/4	15/16	1.44	37
20330-8-6	1/2	3/4x16	3/8	2.68	68	13/16	15/16	1.54	39
20330-8-8	1/2	3/4x16	1/2	3.02	77	7/8	1-1/16	1.68	43
20330-10-8	5/8	7/8x14	1/2	3.12	79	15/16	1-1/16	1.78	45
20330-10-10	5/8	7/8x14	5/8	3.29	84	15/16	1-1/4	1.83	46
20330-12-12	3/4	1-1/16x12	3/4	3.31	84	1-1/8	1-3/8	1.88	48
20330-16-16	1	1-5/16x12	1	3.71	94	1-3/8	1-3/4	2	51



20630

Female JIC 37° - Swivel

# Part Number	Thread		Hose I.D. inch	A		H inch	J inch	W inch	B		Additional Material Stainless Steel (C)
	inch			inch	mm				inch	mm	
20630-4-3	1/4	7/16x20	3/16	2.27	58	9/16	3/4	9/16	1.49	38	
20630-4-4	1/4	7/16x20	1/4	2.45	62	9/16	3/4	9/16	1.49	38	•
20630-5-4	5/16	1/2x20	1/4	2.52	64	5/8	3/4	5/8	1.56	40	
20630-6-4	3/8	9/16x18	1/4	2.54	65	11/16	3/4	11/16	1.58	40	•
20630-6-6	3/8	9/16x18	3/8	2.74	70	11/16	15/16	11/16	1.60	41	•
20630-8-6	1/2	3/4x16	3/8	2.86	73	7/8	15/16	7/8	1.72	44	•
20630-8-8	1/2	3/4x16	1/2	3.20	81	7/8	1-1/16	7/8	1.86	47	•
20630-10-8	5/8	7/8x14	1/2	3.30	84	1	1-1/16	1	1.96	50	
20630-10-10	5/8	7/8x14	5/8	3.54	90	1	1-1/4	1	2.08	53	
20630-10-12	5/8	7/8x14	3/4	3.40	86	1-1/8	1-3/8	1	1.97	50	
20630-12-8	3/4	1-1/16x12	1/2	3.47	88	1-1/4	1-1/16	1-1/4	2.13	54	
20630-12-10	3/4	1-1/16x12	5/8	3.64	92	1-1/4	1-1/4	1-1/4	2.18	55	
20630-12-12	3/4	1-1/16x12	3/4	3.50	89	1-1/4	1-3/8	1-1/4	2.07	53	•
20630-14-12	7/8	1-3/16x12	3/4	3.50	89	1-3/8	1-3/8	1-3/8	2.07	53	
20630-16-12	1	1-5/16x12	3/4	3.59	91	1-1/2	1-3/4	1-1/2	2.16	55	
20630-16-16	1	1-5/16x12	1	3.94	100	1-1/2	1-3/4	1-1/2	2.23	57	
20630-20-16	1-1/4	1-5/8x12	1	4.17	106	2	1-3/4	2	2.46	62	
20630-20-20	1-1/4	1-5/8x12	1-1/4	4.96	126	2	2-1/4	2	2.83	72	
20630-24-24	1-1/2	1-7/8x12	1-1/2	5.26	134	2-1/4	2-1/2	2-1/4	3.05	77	
20630-32-32	2	2-1/2x12	2	6.42	163	2-7/8	3	2-7/8	3.92	100	



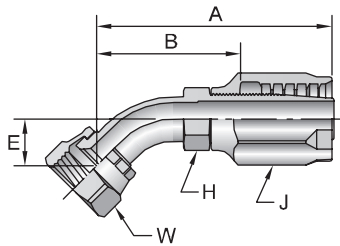
Hose
A

Fittings
30 Series
B

Equipment
C

Accessories
D

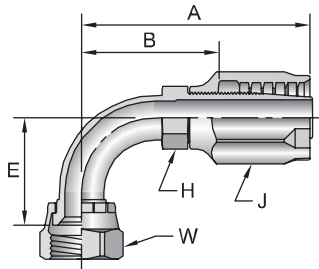
Technical
E



23730

Female JIC 37° - Swivel - 45° Elbow - Short Drop

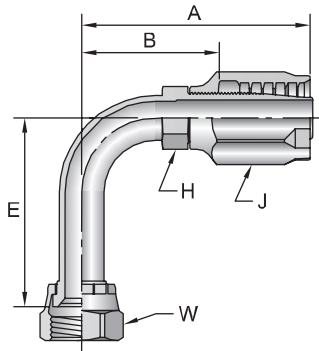
#												
Part Number	Thread	Hose I.D.	A	E	H	J	W	B				
	inch	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
23730-4-4	1/4 7/16x20	1/4	2.70	69	0.33	8	7/16	3/4	9/16	1.74	44	
23730-6-6	3/8 9/16x18	3/8	3.01	76	0.39	10	9/16	15/16	11/16	1.87	47	
23730-8-8	1/2 3/4x16	1/2	3.55	90	0.55	14	11/16	1-1/16	7/8	2.21	56	
23730-10-8	5/8 7/8x14	1/2	3.61	92	0.65	17	13/16	1-1/16	1	2.27	58	
23730-12-12	3/4 1-1/16x12	3/4	3.93	100	0.79	20	15/16	1-3/8	1-1/4	2.50	64	
23730-16-16	1 1-5/16x12	1	4.51	115	0.90	23	1-1/4	1-3/4	1-1/2	2.80	71	



23930

Female JIC 37° - Swivel - 90° Elbow - Short Drop

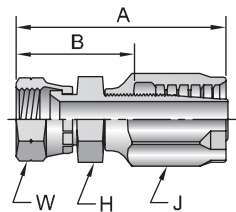
#												
Part Number	Thread	Hose I.D.	A	E	H	J	W	B				
	inch	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
23930-4-4	1/4 7/16x20	1/4	2.52	64	0.83	21	7/16	3/4	9/16	1.56	40	
23930-6-6	3/8 9/16x18	3/8	2.91	74	0.85	22	9/16	15/16	11/16	1.77	45	
23930-8-6	1/2 3/4x16	3/8	3.04	77	1.09	28	11/16	15/16	7/8	1.90	48	
23930-8-8	1/2 3/4x16	1/2	3.32	84	1.09	28	11/16	1-1/16	7/8	1.98	50	
23930-10-8	5/8 7/8x14	1/2	3.46	88	1.24	31	13/16	1-1/16	1	2.12	54	
23930-12-12	3/4 1-1/16x12	3/4	3.86	98	1.81	46	15/16	1-3/8	1-1/4	2.43	62	
23930-16-16	1 1-5/16x12	1	4.48	114	2.14	54	1-1/4	1-3/4	1-1/2	2.77	70	



24130

Female JIC 37° - Swivel - 90° Elbow - Long Drop

#												
Part Number	Thread	Hose I.D.	A	E	H	J	W	B				
	inch	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
24130-6-6	3/8 9/16x18	3/8	2.90	74	2.18	55	9/16	15/16	11/16	1.76	45	
24130-8-8	1/2 3/4x16	1/2	3.39	86	2.43	62	11/16	1-1/16	7/8	2.05	52	



20830

Female SAE 45° - Swivel

#												
Part Number	Thread	Hose I.D.	A	H	J	W	B					
	inch	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
20830-6-6	3/8 5/8x18	3/8	2.81	71	3/4	15/16	3/4	1.67	42			

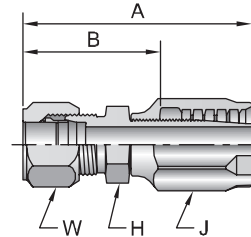
Notch on nut signifies SAE 45° flare.

21130

**Male Ferulok Flareless - Rigid -
(24° Cone with Nut and Ferrule)**

#				A		H	J	W	B	
Part Number	Thread	Hose I.D.		inch	mm	inch	inch	inch	inch	mm
21130-16-16	1 1-5/16x12	1		4.15	105	1-3/8	1-3/4	1-1/2	2.44	62

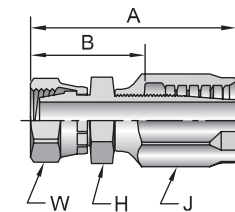
The Parker Ferrul-Fix fitting makes it possible to salvage the bent tube section from a hose assembly for quick, easy on-the-job repairs. For additional information see Ferrule-Fix installation instructions in the Technical Section.



21230

Female Ferulok Flareless - Swivel - (24° Cone)

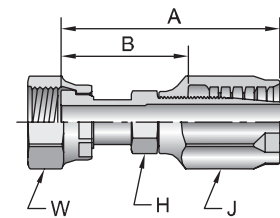
#				A		H	J	W	B	
Part Number	Thread	Hose I.D.		inch	mm	inch	inch	inch	inch	mm
21230-4-4	1/4 7/16x20	1/4		2.62	67	9/16	3/4	9/16	1.66	42
21230-6-6	3/8 9/16x18	3/8		2.94	75	11/16	15/16	11/16	1.80	46
21230-8-6	1/2 3/4x16	3/8		3.16	80	7/8	15/16	7/8	2.02	51
21230-8-8	1/2 3/4x16	1/2		3.44	87	7/8	1-1/16	7/8	2.10	53
21230-12-12	3/4 1-1/16x12	3/4		3.86	98	1-1/4	1-3/8	1-1/4	2.43	62



2JS30

Female Seal-Lok® - Swivel - Long
ISO 12151-1 - SWSB

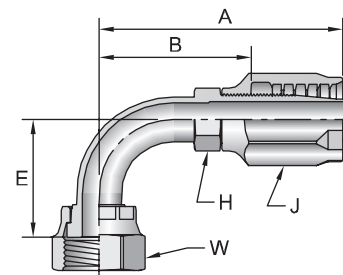
#				A		H	J	W	B	
Part Number	Thread	Hose I.D.		inch	mm	inch	inch	inch	inch	mm
2JS30-4-4	1/4 9/16x18	1/4		2.62	67	9/16	3/4	11/16	1.66	42
2JS30-6-6	3/8 11/16x16	3/8		2.89	73	9/16	15/16	13/16	1.75	44
2JS30-8-8	1/2 13/16x16	1/2		3.32	84	11/16	1-1/16	15/16	1.98	50
2JS30-12-12	3/4 1-3/16x12	3/4		3.65	93	15/16	1-3/8	1-3/8	2.22	56



2J930

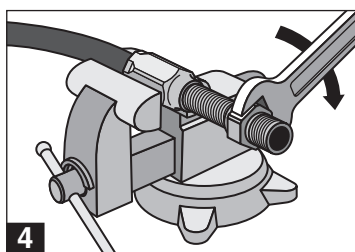
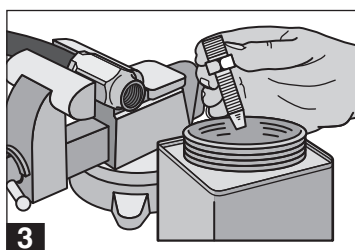
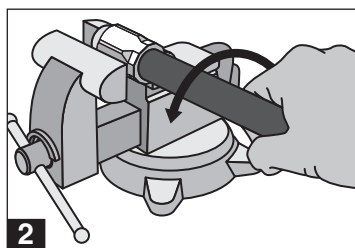
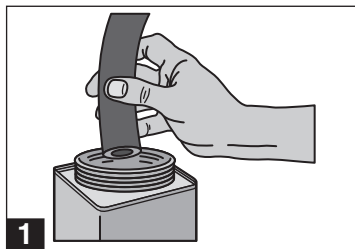
Female Seal-Lok® - Swivel - 90° Elbow - Short Drop
ISO 12151-1 - SWES90

#				A		E		H	J	W	B	
Part Number	Thread	Hose I.D.		inch	mm	inch	mm	inch	inch	inch	inch	mm
2J930-4-4	1/4 9/16x18	1/4		2.83	72	0.82	21	7/16	3/4	11/16	1.87	47
2J930-6-6	3/8 11/16x16	3/8		2.91	74	0.90	23	9/16	15/16	13/16	1.77	45
2J930-8-8	1/2 13/16x16	1/2		3.31	84	1.15	29	11/16	1-1/16	15/16	1.97	50
2J930-10-10	5/8 1x14	5/8		3.57	91	1.27	32	7/8	1-1/4	1-1/8	2.11	54
2J930-12-12	3/4 1-3/16x12	3/4		3.71	94	1.85	47	15/16	1-3/8	1-3/8	2.28	58



See Accessories Section for O-Rings.

30 Series Hose Assembly Instructions



1. Identify over all length (OAL) of hose assembly and the cut off allowance (COA) length of fitting(s) on hose ends by use of the fitting data table. Properly measure, mark and cut hose to desired length using fine tooth hacksaw or a cutoff machine. Dip hose end into Hoze-Oil (See Section C) or heavy oil.
2. Place socket in vice and screw in hose counter-clockwise until hose bottoms. Back hose out 1/2 turn.
3. Dip hose end of nipple into Hoze-Oil or other heavy oil up to the hex. When assembling fittings of 316 stainless steel lubricate the threads of both the socket and nipple with Down Corning Molykote G-n or equivalent metal assembly lubricant.
4. Screw nipple assembly into socket using wrench on nipple hex until nipple hex shoulders against socket.

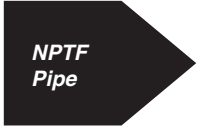
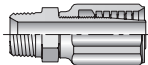
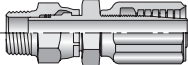

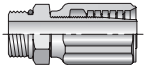

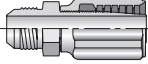

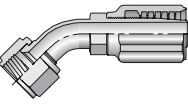
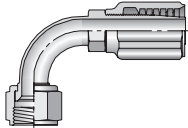
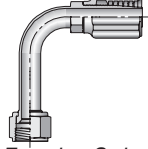

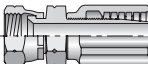

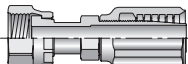


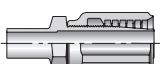
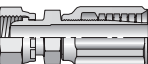


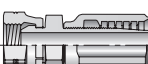

Note: Disassemble in reverse order.

IF YOU HAVE QUESTIONS CONCERNING THE PRODUCTS
OR APPLICATION OF THE PRODUCTS CONTAINED IN THIS
CATALOG, PLEASE CALL: PARKER HOSE PRODUCTS
DIVISION TECHNICAL SERVICES DEPARTMENT

PHONE: 440 / 943-5700

FAX: 440 / 943-3129

<http://www.parkerhose.com>

 NPTF Pipe	20142 B-150  <i>Male - Rigid</i>	21342 B-150  <i>Male - Swivel</i>	 SAE	20542 B-150  <i>Male - Rigid</i>	 JIC 37°
20342 B-151  <i>Male - Rigid</i>	20642 B-151  <i>Female - Swivel</i>	23742 B-152  <i>Female - Swivel 45° Elbow - Short</i>	23942 B-152  <i>Female - Swivel 90° Elbow - Short</i>	24142 B-152  <i>Female - Swivel 45° Elbow - Long</i>	 SAE
20842 B-152  <i>Female - Swivel</i>	 Seal-Lok® O-Ring Face Seal	2JS42 B-153  <i>Female - Swivel Long</i>	2J942 B-153  <i>Female - Swivel 90° Elbow - Short</i>	 Metric L & S	21D42 B-153  <i>Male Standpipe Rigid</i>
2C342 B-154  <i>Female - Swivel</i>	2C642 B-154  <i>Female - Swivel</i>	 BSP	29242 B-154  <i>Female - Swivel</i>	 Assembly Instructions	42 Series Assembly Instructions B-155

Hose
A

Fittings
42 Series
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E

Hose
A

Fittings
42 Series
B

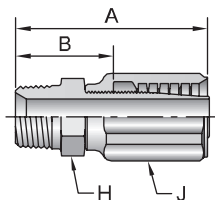
Equipment
C

Accessories
D

Technical
E

20142

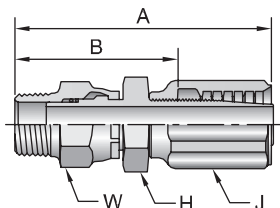
Male NPTF Pipe - Rigid



# Part Number	Thread inch	Hose I.D. inch	A		H	J	B	
			inch	mm	inch	inch	inch	mm
20142-2-3	1/8x27	3/16	2.09	53	1/2	5/8	1.31	33
20142-2-4	1/8x27	1/4	2.17	55	9/16	11/16	1.25	32
20142-4-3	1/4x18	3/16	2.28	58	9/16	5/8	1.50	38
20142-4-4	1/4x18	1/4	2.36	60	9/16	11/16	1.44	37
20142-4-5	1/4x18	5/16	2.39	61	9/16	13/16	1.44	37
20142-4-6	1/4x18	3/8	2.60	66	11/16	7/8	1.45	37
20142-6-6	3/8x18	3/8	2.60	66	3/4	7/8	1.45	37
20142-8-8	1/2x14	1/2	3.02	77	7/8	1	1.69	43
20142-8-10	1/2x14	5/8	3.29	84	15/16	1-1/8	1.87	47
20142-12-12	3/4x14	3/4	3.23	82	1-1/8	1-3/8	1.75	44
20142-16-16	1x11-1/2	1	3.61	92	1-3/8	1-5/8	2.07	53

21342

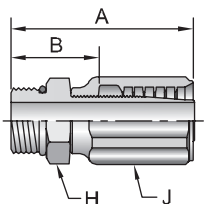
Male NPTF Pipe - Swivel



# Part Number	Thread inch	Hose I.D. inch	A		H	J	W	B	
			inch	mm	inch	inch	inch	inch	mm
21342-4-4	1/4x18	1/4	3.40	86	9/16	11/16	5/8	2.48	63
21342-6-6	3/8x18	3/8	3.69	94	7/8	7/8	3/4	2.54	65

20542

Male SAE Straight Thread with O-Ring - Rigid



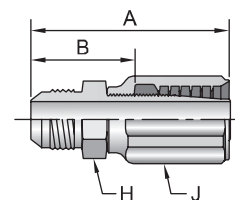
# Part Number	Thread inch	Hose I.D. inch	A		H	J	B	
			inch	mm	inch	inch	inch	mm
20542-4-4	1/4 7/16X20	1/4	2.2	56	9/16	11/16	1.28	33
20542-6-6	3/8 9/16x18	3/8	2.47	63	11/16	7/8	1.32	34
20542-8-8	1/2 3/4X16	1/2	2.78	71	7/8	1	1.45	37

O-Rings are not compatible with Phosphate Ester fluids.

20342

Male JIC 37° - Rigid

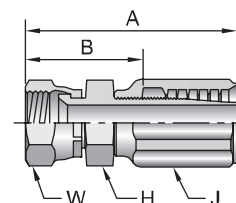
# Part Number	Thread		Hose I.D. inch	A		H inch	J inch	B	
	inch			inch	mm			inch	mm
20342-4-4	1/4	7/16x20	1/4	2.35	60	9/16	11/16	1.43	36
20342-6-4	3/8	9/16x18	1/4	2.36	60	5/8	11/16	1.44	36
20342-6-5	3/8	9/16x18	5/16	2.39	61	5/8	13/16	1.43	36
20342-6-6	3/8	9/16x18	3/8	2.60	66	3/4	7/8	1.45	37
20342-8-6	1/2	3/4x16	3/8	2.70	69	13/16	7/8	1.55	39
20342-8-8	1/2	3/4x16	1/2	2.93	74	7/8	1	1.60	41
20342-10-10	5/8	7/8x14	5/8	3.24	82	15/16	1-1/8	1.82	46
20342-12-12	3/4	1-1/16x12	3/4	3.34	85	1-1/8	1-3/8	1.86	47
20342-16-16	1	1-5/16x12	1	3.58	91	1-3/8	1-5/8	2.04	52



20642

Female JIC 37° - Swivel

# Part Number	Thread		Hose I.D. inch	A		H inch	J inch	W inch	B		Additional Material Stainless Steel (C)
	inch			inch	mm				inch	mm	
20642-4-3	1/4	7/16x20	3/16	2.34	59	9/16	5/8	9/16	1.56	40	
20642-4-4	1/4	7/16x20	1/4	2.43	62	9/16	11/16	9/16	1.51	38	
20642-5-4	5/16	1/2x20	1/4	2.50	64	5/8	11/16	5/8	1.58	40	
20642-6-4	3/8	9/16x18	1/4	2.52	64	11/16	11/16	11/16	1.60	41	
20642-6-5	3/8	9/16x18	5/16	2.55	65	11/16	13/16	11/16	1.60	41	
20642-6-6	3/8	9/16x18	3/8	2.76	70	11/16	7/8	11/16	1.61	41	•
20642-8-6	1/2	3/4x16	3/8	2.88	73	7/8	7/8	7/8	1.73	44	
20642-8-8	1/2	3/4x16	1/2	3.11	79	7/8	1	7/8	1.78	45	•
20642-10-8	5/8	7/8x14	1/2	3.21	82	1	1	1	1.88	48	
20642-10-10	5/8	7/8x14	5/8	3.49	89	1	1-1/8	1	2.07	53	
20642-10-12	5/8	7/8x14	3/4	3.43	87	1-1/8	1-3/8	1	1.95	50	
20642-12-12	3/4	1-1/16x12	3/4	3.53	90	1-1/4	1-3/8	1-1/4	2.05	52	
20642-16-12	1	1-5/16x12	3/4	3.62	92	1-1/2	1-3/8	1-1/2	2.14	54	
20642-16-16	1	1-5/16x12	1	3.81	97	1-1/2	1-5/8	1-1/2	2.27	58	
20642-20-16	1-1/4	1-5/8x12	1	4.04	103	2	1-5/8	2	2.50	64	



Hose
A

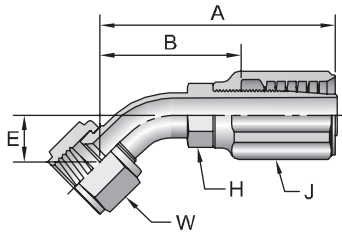
Fittings
42 Series
B

Equipment
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Hose
A

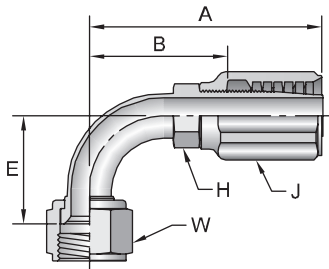


23742

Female JIC 37° - Swivel - 45° Elbow - Short Drop

#													
Part Number	Thread	inch	Hose I.D.	inch	mm	inch	mm	H	J	W		inch	mm
23742-4-4	1/4	7/16x20	1/4	2.68	68	0.33	8	7/16	11/16	9/16		1.76	45
23742-6-6	3/8	9/16x18	3/8	3.03	77	0.39	10	9/16	7/8	11/16		1.88	48
23742-8-8	1/2	3/4x16	1/2	3.46	88	0.55	14	11/16	1	7/8		2.13	54
23742-16-16	1	1-5/16x12	1	4.38	111	0.90	23	1-1/4	1-5/8	1-1/2		2.84	72

Fittings
42 Series
B

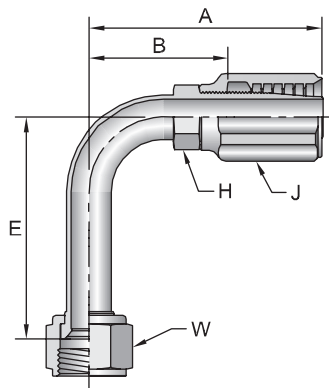


23942

Female JIC 37° - Swivel - 90° Elbow - Short Drop

#													
Part Number	Thread	inch	Hose I.D.	inch	mm	inch	mm	H	J	W		inch	mm
23942-4-4	1/4	7/16x20	1/4	2.50	64	0.83	21	7/16	11/16	9/16		1.58	40
23942-6-6	3/8	9/16x18	3/8	2.93	74	0.85	22	9/16	7/8	11/16		1.78	45
23942-8-6	1/2	3/4x16	3/8	3.06	78	1.09	28	11/16	7/8	7/8		1.91	49
23942-8-8	1/2	3/4x16	1/2	3.22	82	1.09	28	11/16	1	7/8		1.90	48
23942-10-8	5/8	7/8x14	1/2	3.37	86	1.24	31	13/16	1	1		2.04	52
23942-12-12	3/4	1-1/16x12	3/4	3.89	99	1.81	46	15/16	1-3/8	1-1/4		2.41	61
23942-16-16	1	1-5/16x12	1	4.35	110	2.14	54	1-1/4	1-5/8	1-1/2		2.81	71

Equipment
C



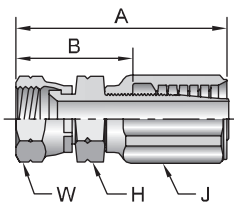
24142

Female JIC 37° - Swivel - 90° Elbow - Long Drop

#													
Part Number	Thread	inch	Hose I.D.	inch	mm	inch	mm	H	J	W		inch	mm
24142-6-6	3/8	9/16x18	3/8	2.92	74	2.18	55	9/16	7/8	11/16		1.77	45
24142-8-8	1/2	3/4x16	1/2	3.30	84	2.43	62	11/16	1	7/8		1.97	50
24142-10-8	5/8	7/8x14	1/2	3.44	87	2.57	65	13/16	1	1		2.11	54

Accessories
D

Technical
E



20842

Female SAE 45° - Swivel

#												
Part Number	Thread	inch	Hose I.D.	inch	mm	inch	mm	H	J	W	inch	mm
20842-6-6	3/8	5/8x18	3/8	2.82	72	3/4		7/8	3/4		1.67	42

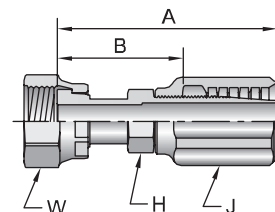
Notch on nut signifies SAE 45° flare.

2JS42

Female Seal-Lok® - Swivel - Long

ISO - 12151-1 - SWSB






#										
Part Number	Thread	Hose I.D.	A		H	J	W	B		
	inch	inch	inch	mm	inch	inch	inch	inch	mm	
2JS42-4-4	1/4	9/16-18	1/4	2.60	66	9/16	11/16	11/16	1.68	43
2JS42-6-6	3/8	11/16x16	3/8	2.91	74	9/16	7/8	13/16	1.76	45
2JS42-8-8	1/2	13/16x16	1/2	3.23	82	11/16	1	15/16	1.90	48

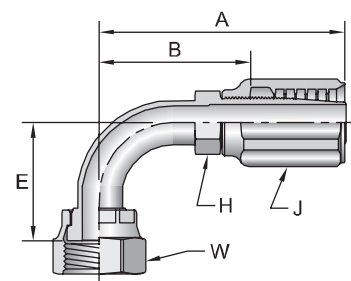


2J942

Female Seal-Lok® - Swivel - 90° Elbow - Short Drop

ISO 12151-1 - SWES90

#			A		E					B		
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	inch	inch	mm	
2J942-4-4	1/4	9/16x18	1/4	2.81	71	0.78	20	7/16	11/16	11/16	1.89	48
2J942-6-6	3/8	11/16x16	3/8	2.93	74	0.90	23	9/16	7/8	13/16	1.78	45
2J942-8-8	1/2	13/16x16	1/2	3.22	82	1.15	29	11/16	1	15/16	1.89	48

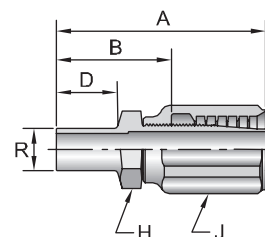


21D42

Male Standpipe Metric L - Rigid

ISO 8434-1

#										
Part Number	R	Hose I.D.	A		D	H	J	B		
	mm	inch	inch	mm	inch	mm	mm	inch	inch	mm
21D42-6-4	6	1/4	2.56	65	0.87	22	14	11/16	1.57	40
21D42-8-4	8	1/4	2.56	65	0.87	22	14	11/16	1.57	40
21D42-10-5	10	5/16	2.68	68	0.91	23	14	13/16	1.65	42
21D42-10-6	10	3/8	2.80	71	0.91	23	17	7/8	1.65	42
21D42-12-6	12	3/4	2.80	71	0.91	23	17	7/8	1.65	42
21D42-15-8	15	1/2	3.15	80	0.98	25	19	1	1.89	48
21D42-18-10	18	5/8	3.46	88	1.02	26	24	1-1/8	2.09	53
21D42-18-12	18	3/4	3.39	86	1.02	26	27	1-3/8	1.81	46
21D42-22-12	22	3/4	3.46	88	1.10	28	27	1-3/8	1.89	48
21D42-28-16	28	1	4.09	104	1.18	30	32	1-5/8	2.28	58



Metric L: Mates with EO "L" Series Fittings.
See Accessories Section for O-Rings.

Hose
A

Fittings
42 Series
B

Equipment
C

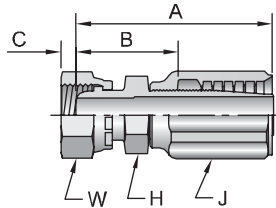
Accessories
D






Technical
E

2C342

Female Metric L - Swivel - (Ball Nose)

ISO 8434-1

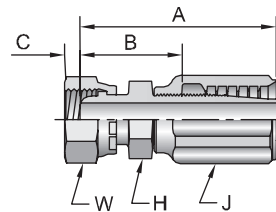







#											
Part Number	Thread	Hose I.D.	A		C		H	J	W	B	
	mm	inch	inch	mm	inch	mm	mm	inch	mm	inch	mm
2C342-6-4	6 M12x1,5	1/4	2.40	61	0.09	2	14	11/16	14	1.42	36
2C342-8-4	8 M14x1,5	1/4	2.44	62	0.11	3	14	11/16	17	1.46	37
2C342-10-5	10 M16x1,5	5/16	2.91	74	0.06	2	17	13/16	19	1.91	49
2C342-10-6	10 M16x1,5	3/8	2.83	72	0.06	2	17	7/8	19	1.74	44
2C342-12-6	12 M18x1,5	3/8	2.72	69	0.10	3	19	7/8	22	1.63	41
2C342-15-8	15 M22x1,5	1/2	3.11	79	0.17	4	22	1	27	1.81	46
2C342-18-10	18 M26x1,5	5/8	3.39	86	0.10	3	27	1-1/8	32	1.97	50
2C342-18-12	18 M26x1,5	3/4	3.31	84	0.10	3	27	1-3/8	32	1.76	45
2C342-22-12	22 M30x2	3/4	3.58	91	0.18	5	30	1-3/8	36	2.03	52
2C342-28-16	28 M36x2	1	4.25	108	0.22	6	36	1-5/8	46	2.59	66

2C642

Female Metric S - Swivel - (Ball Nose)

ISO 8434-1

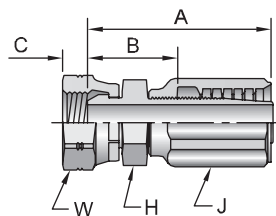







#			A		C					B	
Part Number	Thread mm	Hose I.D. inch	inch	mm	inch	mm	mm	inch	mm	inch	mm
2C642-12-6	12 M20x1,5	3/8	2.72	69	0.08	2	19	7/8	24	1.61	41

29242

Female BSP Parallel Pipe - Swivel - (60° Cone)

ISO 228-1



#			A		C					B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	mm	inch	mm	inch	mm
29242-8-8	1/2x14	1/2	3.31	84	0.28	7	22	1	27	2.01	51

Metric L: Mates with EO "L" Series Fittings.

Metric S: Mates with EO "S" Series Fittings.

When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.

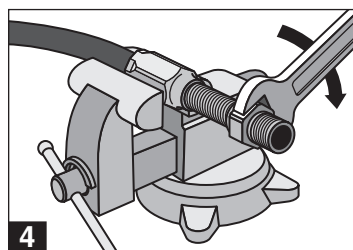
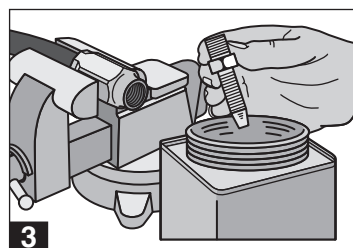
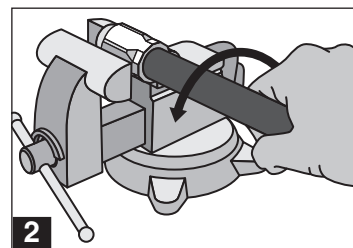
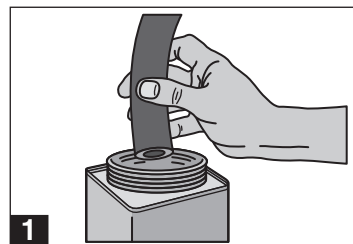
42 Series

Hose Assembly Instructions

1. Identify over all length (OAL) of hose assembly and the cut off allowance (COA) length of fitting(s) on hose ends by use of the fitting data table. Properly measure, mark and cut hose to desired length using fine tooth hacksaw or a cutoff machine. Dip hose end into Hoze-Oil (See Section C) or heavy oil.
2. Place socket in vice and screw in hose counter-clockwise until hose bottoms. Back hose out 1/2 turn.
3. Dip hose end of nipple into Hoze-Oil or other heavy oil up to the hex. When assembling fittings of 316 stainless steel lubricate the threads of both the socket and nipple with Dow Corning Molykote G-n or equivalent metal assembly lubricant.
4. Screw assembly into socket using wrench on nipple hex until nipple hex shoulders against socket.

Note: Disassemble in reverse order.

IF YOU HAVE QUESTIONS CONCERNING THE PRODUCTS
OR APPLICATION OF THE PRODUCTS CONTAINED IN THIS
CATALOG, PLEASE CALL:
PARKER HOSE PRODUCTS DIVISION
TECHNICAL SERVICES DEPARTMENT
PHONE: 440 / 943-5700
FAX: 440 / 943-3129
<http://www.parkerhose.com>



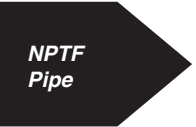
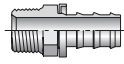
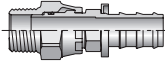
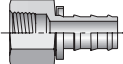

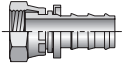


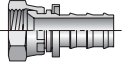
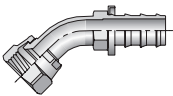
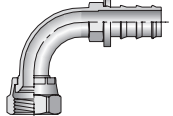
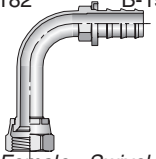

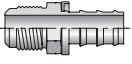
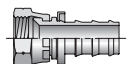
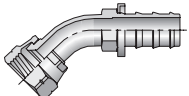
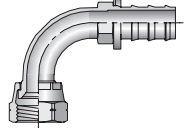

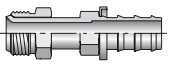
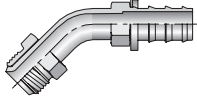
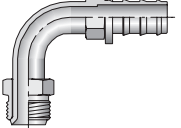


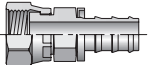
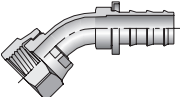
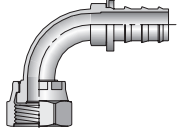
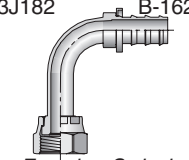

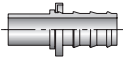

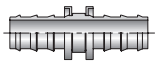


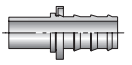

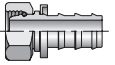

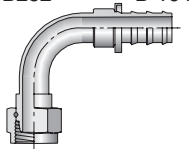

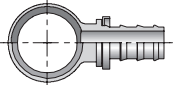
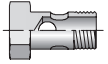


Hose
A

Fittings
42 Series
B

Equipment
C

Accessories
D

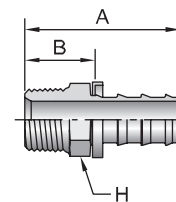
Technical
E

A Hose	 NPTF Pipe	30182 B-157  <i>Male - Rigid</i>	31382 B-157  <i>Male - Swivel</i>	30282 B-158  <i>Female - Rigid</i>	 NPSM Pipe	37G82 B-158  <i>Female - Swivel Gasket Joint</i>
	 JIC 37°	30382 B-158  <i>Male - Rigid</i>	30682 B-159  <i>Female - Swivel</i>	33782 B-159  <i>Female - Swivel 45° Elbow - Short</i>	33982 B-159  <i>Female - Swivel 90° Elbow - Short</i>	34182 B-159  <i>Female - Swivel 90° Elbow - Long</i>
B Fittings 82 Series	 SAE	30482 B-160  <i>Male - Rigid</i>	30882 B-160  <i>Female - Swivel</i>	37782 B-160  <i>Female - Swivel 45° Elbow</i>	37982 B-160  <i>Female - Swivel 90° Elbow</i>	 Inverted SAE
	32882 B-161  <i>Male - Swivel</i>	36782 B-161  <i>Male - Swivel 45° Elbow</i>	36982 B-161  <i>Male - Swivel 90° Elbow</i>	32982 B-161  <i>Female - Rigid</i>	 Seal-Lok® O-Ring Face Seal	3JC82 B-162  <i>Female - Swivel Short</i>
C Equipment	3J782 B-162  <i>Female - Swivel 45° Elbow</i>	3J982 B-162  <i>Female - Swivel 90° Elbow - Short</i>	3J182 B-162  <i>Female - Swivel 90° Elbow - Long</i>	 Standpipe	33482 B-163  <i>Male - Rigid</i>	 Union
	38282 B-163  <i>Push-Lok Union</i>	 Metric L	3D082 B-163  <i>Male - Rigid</i>	31D82 B-164  <i>Male Standpipe Rigid</i>	 BSP	39282 B-164  <i>Female - Swivel</i>
D Accessories	3D982 B-164  <i>Male - Rigid</i>	3B282 B-164  <i>Female - Swivel 90° Elbow</i>	 Banjo	34982 B-165  <i>Metric - Banjo</i>	AM B-165  <i>Banjo Bolt</i>	 Kits
	Push-Lok Kits B-166 <i>Push-Lok Hose and Fitting Kits</i>	Push-Lok Merchandiser B-167 <i>Push-Lok Hose and Fitting Display Case</i>	 Assembly Instructions	82 Series Assembly Instructions B-168		

30182

Male NPTF Pipe - Rigid

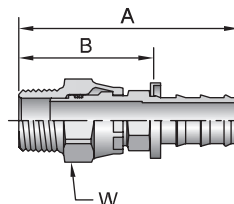
# Part Number	Thread inch	Hose I.D. inch	A		H inch	B		Additional Material	
			inch	mm		inch	mm	Brass (B)	Stainless Steel (C)
30182-2-4	1/8x27	1/4	1.39	35	7/16	0.64	16	•	•
30182-4-4	1/4x18	1/4	1.57	40	9/16	0.82	21	•	•
30182-4-6	1/4x18	3/8	1.78	45	9/16	0.88	22	•	•
30182-4-8	1/4x18	1/2	1.93	49	5/8	0.88	22	•	•
30182-6-6	3/8x18	3/8	1.78	45	11/16	0.88	22	•	•
30182-6-8	3/8x18	1/2	1.93	49	11/16	0.88	22	•	•
30182-8-6	1/2x14	3/8	2.03	52	7/8	1.13	29	•	•
30182-8-8	1/2x14	1/2	2.18	55	7/8	1.13	29	•	•
30182-8-10	1/2x14	5/8	2.58	66	7/8	1.13	29	•	•
30182-8-12	1/2x14	3/4	2.58	66	7/8	1.13	29	•	•
30182-12-8	3/4x14	1/2	2.21	56	3/4	1.16	29	•	•
30182-12-10	3/4x14	5/8	2.61	66	1-1/16	1.16	29	•	•
30182-12-12	3/4x14	3/4	2.61	66	1-1/16	1.16	29	•	•
30182-16-16	1x11-1/2	1	3.06	78	1-3/8	1.61	41	•	•



31382

Male NPTF Pipe - Swivel

# Part Number	Thread inch	Hose I.D. inch	A		W inch	B		Additional Material Brass (B)
			inch	mm		inch	mm	
31382-4-4	1/4x18	1/4	1.60	41	9/16	0.85	22	
31382-6-6	3/8x18	3/8	1.79	45	11/16	0.89	23	
31382-8-8	1/2x14	1/2	2.20	56	7/8	1.15	29	
31382-8-10	1/2x14	5/8	3.50	90	7/8	2.05	52	•
31382-12-12	3/4x14	3/4	3.70	94	1-1/4	2.25	57	



O-Ring not compatible with Phosphate Ester fluids.

Hose
A

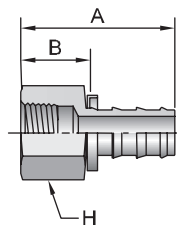
Fittings
82 Series
B

Equipment
C

Accessories
D

Technical
E

Hose
A

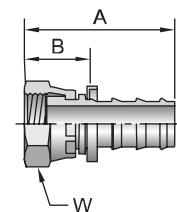


30282

Female NPTF Pipe - Rigid

#									
Part Number	Thread inch	Hose I.D. inch	A		H	B		Additional Material Brass (B)	
30282-4-4	1/4x18	1/4	1.56	40	3/4	0.81	21	•	
30282-6-6	3/8x18	3/8	1.82	46	7/8	0.92	23	•	
30282-8-8	1/2x14	1/2	2.16	55	1-1/16	1.11	28	•	

Fittings
82 Series
B



37G82

Female NPSM Pipe - Gasket Joint - Swivel

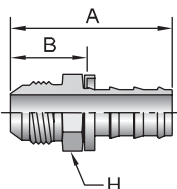
#									
Part Number	Gasket	Thread inch	Hose I.D. inch	A		W	B		
37G82-4-4	07G-4	1/4x18	1/4	1.55	39	11/16	0.80	20	
37G82-4-6	07G-4	1/4x18	3/8	1.70	43	11/16	0.80	20	
37G82-6-6	07G-6	3/8x18	3/8	1.75	44	7/8	0.85	22	
37G82-8-8	07G-8	1/2x14	1/2	2.07	53	1	1.02	26	
37G82-8-10	07G-8	1/2x14	5/8	2.47	63	1	1.02	26	
37G82-12-12	07G-12	3/4x14	3/4	2.54	65	1-1/4	1.09	28	

Textile gasket included with fitting.

Equipment
C

30382

Male JIC 37° - Rigid



#									
Part Number	Thread inch	Hose I.D. inch	A		H	B		Additional Material Brass (B)	
30382-4-4	1/4	7/16x20	1/4	1.56	40	1/2	0.81	21	
30382-5-4	5/16	1/2x20	1/4	1.59	40	9/16	0.84	21	
30382-6-6	3/8	9/16x18	3/8	1.78	45	5/8	0.88	22	•
30382-8-8	1/2	3/4x16	1/2	2.06	52	3/4	1.01	26	
30382-10-10	5/8	7/8x14	5/8	2.62	67	7/8	1.17	30	
30382-12-12	3/4	1-1/16x12	3/4	2.72	69	1-1/8	1.27	32	

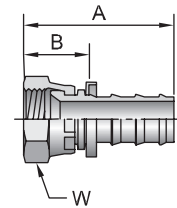
Accessories
D

Technical
E

30682

Female JIC 37° - Swivel

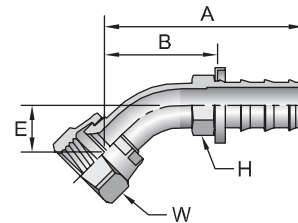
# Part Number	Thread		Hose I.D. inch	A		W	B		Additional Material	
	inch			inch	mm		inch	mm	Brass (B)	Stainless Steel (C)
30682-4-4	1/4	7/16x20	1/4	1.52	39	9/16	0.77	20	•	•
30682-5-4	5/16	1/2x20	1/4	1.58	40	5/8	0.83	21	•	•
30682-5-6	5/8	1/2x20	3/8	1.72	44	5/8	0.82	21	•	•
30682-6-4	3/8	9/16x18	1/4	1.61	41	11/16	0.86	22	•	•
30682-6-6	3/8	9/16x18	3/8	1.75	44	11/16	0.85	22	•	•
30682-6-8	3/8	9/16x18	1/2	1.90	48	11/16	0.85	22	•	•
30682-8-6	1/2	3/4x16	3/8	1.87	47	7/8	0.97	25	•	•
30682-8-8	1/2	3/4x16	1/2	2.02	51	7/8	0.97	25	•	•
30682-10-8	5/8	7/8x14	1/2	2.14	54	1	1.09	28	•	•
30682-10-10	5/8	7/8x14	5/8	2.54	65	1	1.09	28	•	•
30682-12-12	3/4	1-1/16x12	3/4	2.65	67	1-1/4	1.20	30	•	•
30682-16-16	1	1-5/16x12	1	2.77	70	1-3/8	1.32	34	•	•



33782

Female JIC 37° - Swivel - 45° Elbow - Short Drop

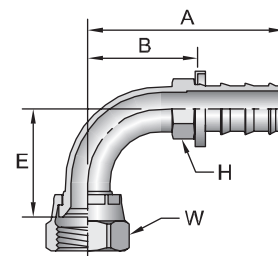
# Part Number	Thread		Hose I.D. inch	A		E		H	W	B	
	inch			inch	mm	inch	mm			inch	mm
33782-4-4	1/4	7/16x20	1/4	1.74	44	0.39	10	7/16	9/16	0.99	25
33782-6-6	3/8	9/16x18	3/8	1.99	51	0.43	11	1/2	11/16	1.09	28
33782-8-8	1/2	3/4x16	1/2	2.58	66	0.55	14	5/8	7/8	1.53	39
33782-10-10	5/8	7/8x14	5/8	3.03	77	0.65	17	3/4	1	1.58	40



33982

Female JIC 37° - Swivel - 90° Elbow - Short Drop

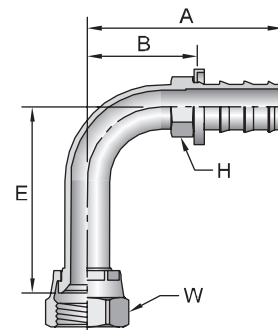
# Part Number	Thread		Hose I.D. inch	A		E		H	W	B	
	inch			inch	mm	inch	mm			inch	mm
33982-4-4	1/4	7/16x20	1/4	1.55	39	0.83	21	---	9/16	0.80	20
33982-6-6	3/8	9/16x18	3/8	1.85	47	0.91	23	---	11/16	0.95	24
33982-8-8	1/2	3/4x16	1/2	2.33	59	1.09	28	5/8	7/8	1.28	33
33982-10-10	5/8	7/8x14	5/8	2.88	73	1.24	31	3/4	1	1.43	36
33982-12-12	3/4	1-1/16x12	3/4	3.26	83	1.81	46	7/8	1-1/4	1.81	46



34182

Female JIC 37° - Swivel - 90° Elbow - Long Drop

# Part Number	Thread		Hose I.D. inch	A		E		H	W	B	
	inch			inch	mm	inch	mm			inch	mm
34182-4-4	1/4	7/16x20	1/4	1.79	45	1.80	46	7/16	9/16	1.04	26
34182-6-6	3/8	9/16x18	3/8	1.97	50	2.18	55	1/2	11/16	1.07	27



Hose
A

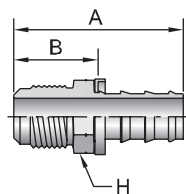
Fittings
82 Series
B

Equipment
C

Accessories
D

Technical
E

Hose
A



30482

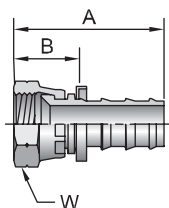
Male SAE 45° - Rigid

#										
Part Number	Thread		Hose I.D.	A		H	B			
	inch		inch	inch	mm	inch	inch	mm		
30482-4-4B	1/4	7/16x20	1/4	1.51	38	7/16	0.76	19		
30482-5-4B	5/16	1/2x20	1/4	1.61	41	9/16	0.86	22		
30482-6-6B	3/8	5/8x18	3/8	1.84	47	5/8	0.94	24		
30482-8-8B	1/2	3/4x16	1/2	2.15	55	3/4	1.10	28		

Fittings
82 Series
B

30882

Female SAE 45° - Swivel

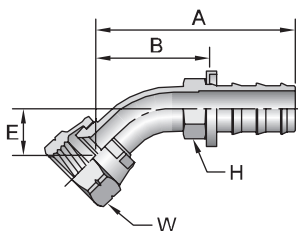


#										
Part Number	Thread		Hose I.D.	A		W	B		Additional Material Brass (B)	
	inch		inch	inch	mm	inch	inch	mm		
30882-4-4	1/4	7/16x20	1/4	1.52	39	9/16	0.77	20	•	
30882-5-4	5/16	1/2x20	1/4	1.58	40	5/8	0.83	21	•	
30882-6-6	3/8	5/8x18	3/8	1.81	46	3/4	0.91	23	•	
30882-8-6	1/2	3/4x16	3/8	1.87	47	7/8	0.97	25	•	
30882-8-8	1/2	3/4x16	1/2	2.02	51	7/8	0.97	25	•	
30882-10-10	5/8	7/8x14	5/8	2.54	65	1	1.09	28	•	
30882-12-12	3/4	1-1/16x14	3/4	2.65	67	1-1/4	1.20	30	•	

Equipment
C

37782

Female SAE 45° - Swivel - 45° Elbow

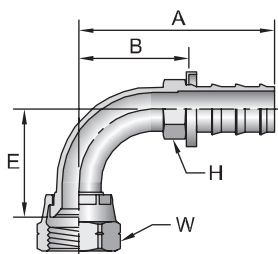


#											
Part Number	Thread		Hose I.D.	A		E		H	W	B	
	inch		inch	inch	mm	inch	mm	inch	inch	inch	mm
37782-4-4	1/4	7/16x20	1/4	1.79	45	0.33	8	7/16	9/16	1.04	26
37782-6-6	3/8	5/8x18	3/8	2.08	53	0.39	10	1/2	3/4	1.18	30
37782-8-8	1/2	3/4x16	1/2	2.58	66	0.55	14	5/8	7/8	1.53	39

Accessories
D

37982

Female SAE 45° - Swivel - 90° Elbow



#											
Part Number	Thread		Hose I.D.	A		E		H	W	B	
	inch		inch	inch	mm	inch	mm	inch	inch	inch	mm
37982-4-4	1/4	7/16x20	1/4	1.60	41	0.83	21	7/16	9/16	0.85	22
37982-6-6	3/8	5/8x18	3/8	1.98	50	0.85	22	1/2	3/4	1.08	27
37982-8-8	1/2	3/4x16	1/2	2.33	59	1.09	28	5/8	7/8	1.28	33

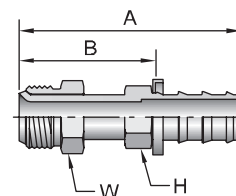
Technical
E

Notch in nut signifies 45° flare.

32882





Male Inverted SAE 45° - Swivel

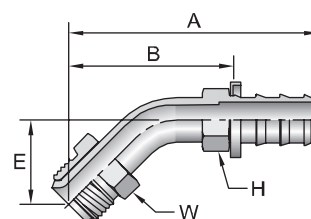
#									
Part Number	Thread	Hose I.D.	A		H	W	B		
	inch	inch	inch	mm	inch	inch	inch	mm	
32882-3-4	3/16 3/8x24	1/4	2.15	55	3/8	3/8	1.40	36	
32882-4-4	1/4 7/16x24	1/4	2.15	55	7/16	7/16	1.40	36	
32882-5-4	5/16 1/2x20	1/4	2.31	59	7/16	1/2	1.56	40	
32882-6-6	3/8 5/8x18	3/8	2.58	66	1/2	5/8	1.68	43	
32882-8-8	1/2 3/4x18	1/2	2.82	72	5/8	3/4	1.77	45	
32882-10-10	5/8 7/8x18	5/8	3.34	85	3/4	7/8	1.89	48	



36782





Male Inverted SAE 45° - Swivel - 45° Elbow

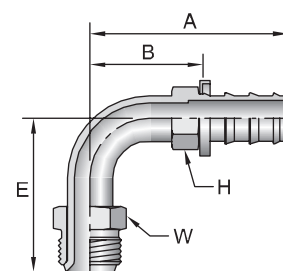
#			A		E				B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	inch	mm
36782-4-4	1/4 7/16x24	1/4	1.92	49	0.63	16	7/16	7/16	1.17	30
36782-6-6	3/8 5/8x18	3/8	2.64	67	0.94	24	1/2	5/8	1.74	44



36982

Male Inverted SAE 45° - Swivel - 90° Elbow

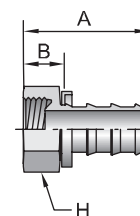
#			A		E				B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	inch	mm
36982-4-4	1/4 7/16x24	1/4	1.99	51	1.56	40	7/16	7/16	1.24	31
36982-5-4	5/16 1/2x20	1/4	2.17	55	1.65	42	7/16	1/2	1.42	36
36982-6-6	3/8 5/8x18	3/8	2.30	58	1.69	43	1/2	5/8	1.40	36



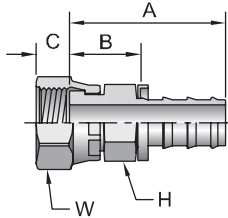
32982

Female Inverted SAE 45° - Rigid

#								
Part Number	Thread	Hose I.D.	A		H	B		
	inch	inch	inch	mm	inch	inch	mm	
32982-4-4B	1/4 7/16x24	1/4	1.19	30	1/2	0.44	11	
32982-5-4B	5/16 1/2x20	1/4	1.25	32	9/16	0.50	13	
32982-6-6B	3/8 5/8x18	3/8	1.44	37	3/4	0.54	14	
32982-8-8B	1/2 3/4x18	1/2	1.62	41	7/8	0.57	14	



Hose
A



3JC82

Female Seal-Lok® - Swivel - Short

ISO 12151-1 - SWSA

# Part Number	Thread inch	Hose I.D. inch	A		C		H		W		B		Additional Material	
			inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	Brass (B)	Stainless Steel (C)
3JC82-4-4	1/4	9/16x18	1/4	1.40	36	0.32	8	9/16	11/16	0.65	17		•	
3JC82-6-6	3/8	11/16x16	3/8	1.59	40	0.38	10	11/16	13/16	0.69	18		•	
3JC82-6-6SM	3/8	11/16x16	3/8	1.59	40	0.38	10	19mm	22mm	0.69	18			
3JC82-8-6	1/2	13/16x16	3/8	1.65	42	0.38	10	13/16	15/16	0.76	19			
3JC82-8-8	1/2	13/16x16	1/2	1.80	46	0.43	11	13/16	15/16	0.75	19		•	
3JC82-10-10	5/8	1x14	5/8	2.40	61	0.53	13	15/16	1-1/8	0.95	24			
3JC82-12-12	3/4	1-3/16x12	3/4	2.63	67	0.57	14	1-1/8	1-3/8	1.18	30		•	
3JC82-16-16	1	1-7/16x12	1	2.61	66	0.58	15	1-3/8	1-5/8	1.16	29	•	•	

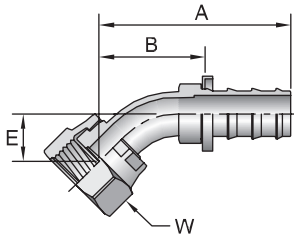
When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.

Fittings
82 Series
B

3J782

Female Seal-Lok® - Swivel - 45° Elbow

ISO 12151-1 - SWE45



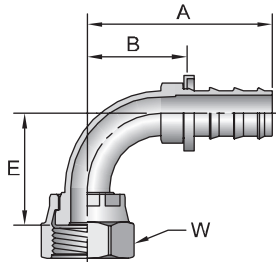
# Part Number	Thread inch	Hose I.D. inch	A		E		W		B	
			inch	mm	inch	mm	inch	mm	inch	mm
3J782-4-4	1/4	9/16x18	1/4	1.74	44	0.39	10	11/16	0.99	25
3J782-6-6	3/8	11/16x16	3/8	1.99	51	0.43	11	13/16	1.09	28
3J782-8-8	1/2	13/16x16	1/2	2.41	61	0.59	15	15/16	1.36	35

Equipment
C

3J982

Female Seal-Lok® - Swivel - 90° Elbow - Short Drop

ISO 12151-1 - SWES90



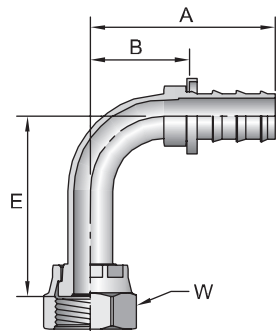
# Part Number	Thread inch	Hose I.D. inch	A		E		W		B	
			inch	mm	inch	mm	inch	mm	inch	mm
3J982-4-4	1/4	9/16x18	1/4	1.55	39	0.83	21	11/16	0.80	20
3J982-6-6	3/8	11/16x16	3/8	1.85	47	0.91	23	13/16	0.95	24
3J982-6-8	3/8	11/16x16	1/2	2.09	53	0.91	23	13/16	1.04	26
3J982-8-6	1/2	13/16x16	3/8	1.94	49	1.14	29	15/16	1.04	26
3J982-8-8	1/2	13/16x16	1/2	2.16	55	1.14	29	15/16	1.11	28
3J982-10-10	5/8	1x14	5/8	2.76	70	1.26	32	1-1/8	1.31	33
3J982-12-12	3/4	1-3/16x12	3/4	3.27	83	1.89	48	1-3/8	1.82	46

Accessories
D

3J182

Female Seal-Lok® - Swivel - 90° Elbow - Long Drop

ISO 12151-1 - SWEL90





# Part Number	Thread inch	Hose I.D. inch	A		E		W		B	
			inch	mm	inch	mm	inch	mm	inch	mm
3J182-6-6	3/8	11/16x16	3/8	1.85	47	2.13	54	13/16	0.95	24
3J182-8-8	1/2	13/16x16	1/2	2.16	55	2.52	64	15/16	1.11	28

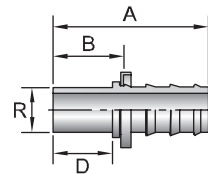
Technical
E

See Accessories for O-Rings.

33482


Male Standpipe - Rigid - (Inch Size Tube O.D.)

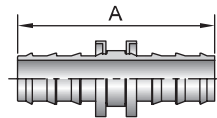
# Part Number			A		D		B		Additional Material	
	R inch	Hose I.D. inch	inch	mm	inch	mm	inch	mm	Brass (B)	Stainless Steel (C)
33482-4-4	1/4	1/4	1.89	48	1.02	26	1.14	29	•	•
33482-5-4	5/16	1/4	1.93	49	1.08	27	1.18	30	•	•
33482-6-6	3/8	3/8	2.23	57	1.22	31	1.33	34	•	•
33482-8-8	1/2	1/2	2.16	55	0.97	25	1.11	28	•	•
33482-10-10	5/8	5/8	2.62	67	1.00	25	1.17	30	•	•
33482-12-12	3/4	3/4	2.62	67	1.00	25	1.17	30	•	•



38282




Push-Lok Union

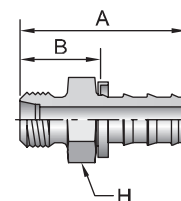
# Part Number		A		Additional Material Brass (B)
	Hose I.D. inch	inch	mm	
38282-4-4	1/4	1.80	46	•
38282-6-6	3/8	2.15	55	•
38282-8-8	1/2	2.51	64	•
38282-10-10	5/8	3.31	84	•
38282-12-12	3/4	3.31	84	•
38282-16-16	1	3.31	84	•



3D082

Male Metric L - Rigid - (24° Cone)

# Part Number			A			B	
	Thread mm	Hose I.D. inch	inch	mm	H mm	inch	mm
3D082-6-4	6 M12x1,5	1/4	1.34	34	12	0.55	14
3D082-8-4	8 M14x1,5	1/4	1.38	35	14	0.59	15
3D082-10-6	10 M16x1,5	3/8	1.57	40	17	0.63	16
3D082-12-6	12 M18x1,5	3/8	1.61	41	19	0.67	17



Hose
A

Fittings
82 Series
B

Equipment
C

Accessories
D

Technical
E

Hose
A

Fittings
82 Series
B

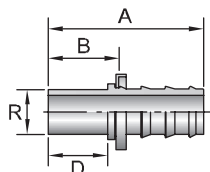
Equipment
C

Accessories
D

Technical
E

31D82

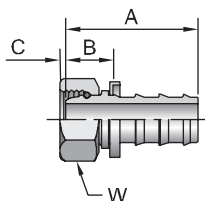
Male Standpipe Metric L - Rigid



#			A		D		B	
Part Number	R	Hose I.D.	inch	mm	inch	mm	inch	mm
31D82-6-4	6	1/4	1.73	44	0.87	22	0.98	25
31D82-8-4	8	1/4	1.73	44	0.87	22	0.98	25
31D82-10-6	10	3/8	1.93	49	0.91	23	1.02	26
31D82-12-6	12	3/8	1.93	49	0.91	23	1.06	27
31D82-15-8	15	1/2	2.17	55	0.98	25	1.10	28
31D82-18-10	18	5/8	2.64	67	1.02	26	1.10	28
31D82-22-12	22	3/4	2.72	69	1.10	28	1.22	31

39282

Female BSP Parallel Pipe - Swivel - (60° Cone)

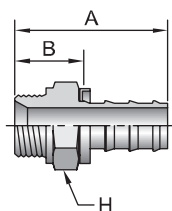


#			A		C		W	B		Additional Material Brass (B)
Part Number	Thread	Hose I.D.	inch	mm	inch	mm	mm	inch	mm	
39282-4-4	1/4x19	1/4	1.34	34	0.22	6	17	0.55	14	
39282-6-6	3/8x19	3/8	1.50	38	0.26	7	19	0.55	14	•
39282-8-8	1/2x14	1/2	1.77	45	0.28	7	27	1.06	27	
39282-12-12	3/4x14	3/4	2.13	54	0.35	9	36	1.42	36	

When measuring overall length to the end of the nut, B + C dimensions must be used to calculate cut-off allowances.

3D982

Male BSP Parallel Pipe - Rigid - (60° Cone)

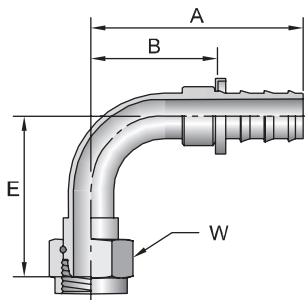


#		A		H	B	
Part Number	Hose I.D.	inch	mm	mm	inch	mm
3D982-2-4	1/4	1.42	36	14	0.63	16
3D982-4-4	1/4	1.61	41	19	0.83	21
3D982-4-6	3/8	1.77	45	19	0.83	21
3D982-6-6	3/8	1.77	45	22	0.87	22
3D982-8-8	1/2	2.09	53	27	0.98	25
3D982-8-10	5/8	2.44	62	27	0.94	24
3D982-12-12	3/4	2.56	65	32	1.06	27

Bonded seal required if fitting is used directly in a port. See Accessories Section.

3B282



Female BSP Parallel Pipe - Swivel - 90° Elbow - (60° Cone)

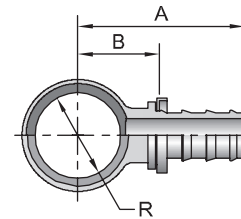


#			A		E		W	B	
Part Number	Thread	Hose I.D.	inch	mm	inch	mm	mm	inch	mm
3B282-4-4	1/4x19	1/4	1.65	42	1.02	26	17	1.02	26
3B282-6-6	3/8x19	3/8	2.09	53	1.18	30	19	1.18	30
3B282-8-8	1/2x14	1/2	2.56	65	1.57	40	27	1.57	40
3B282-10-10	5/8x14	5/8	2.99	76	1.57	40	30	1.57	40

34982



DIN Metric Banjo

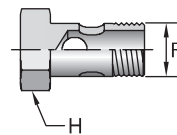
#			A		B	
Part Number	R mm	Hose I.D. inch	inch	mm	inch	mm
34982-8-4	8	1/4	1.42	36	0.63	16
34982-10-4	10	1/4	1.50	38	0.71	18
34982-12-4	12	1/4	1.57	40	0.79	20
34982-12-6	12	3/8	1.73	44	0.79	20
34982-14-4	14	1/4	1.65	42	0.87	22
34982-14-6	14	3/8	1.85	47	0.91	23
34982-16-6	16	3/8	1.93	49	0.98	25
34982-18-8	18	1/2	2.17	55	1.06	27



AM

Banjo Bolt with DIN Metric Thread

#				Copper Washer (2)
Part Number	R	Thread mm	H mm	
AM-03	8	M8x1	12	853009-8
AM-04	10	M10x1	14	853009-10
AM-06	12	M12x1.5	17	853009-12
AM-08	14	M14x1.5	19	853009-14
AM-10	16	M16x1.5	22	853009-16
AM-13	18	M18x1.5	24	853009-18
AM-16	22	M22x1.5	27	853009-22
AM-20	26	M26x1.5	32	853009-26
AM-30	30	M30x1.5	36	853009-30



Two (2) copper washers per bolt must be ordered separately.

Hose
A

Fittings
82 Series
B

Equipment
C

Accessories
D

Technical
E

Parker Push-Lok Kits

Parker Push-Lok Kits are for industrial and automotive maintenance and repair shops. They provide a low-cost inventory of Push-Lok hose and fittings packaged in a sturdy metal container. They save time and money on hose line replacements for water, air lubricating oils, anti-freeze solutions and vacuum applications.



Part No. 4-83A

Kit Contents	Quantity
Bulk Hose	
831-4 (1/4" I.D.)	10 ft.
Male Pipe	
30182-2-4B	4
30182-4-4B	2
Female Pipe	
30282-4-4B	2
Male SAE 45°	
30482-4-4B	1
30482-5-4B	2
SAE (JIC) 37° Female Swivel	
30682-4-4B	4
30682-5-4B	2

Kit Contents	Quantity
Male Inverted Swivel	
32882-3-4	1
32882-4-4	4
32882-5-4	4
Female Inverted Rigid	
32981-3-4B	1
32982-4-4B	2
32982-5-4B	4
Straight Tube	
33482-4-4B	2
33482-5-4B	2
Hose Union	
38282-4-4B	2



Part No. 46-83A

Kit Contents	Quantity
Hose	
831-4 (1/4" I.D.)	24 ft.
831-6 (3/8" I.D.)	24 ft.
Male Pipe	
30182-2-4B	8
30182-4-4B	5
30182-4-6B	5
30182-6-6B	6
Male SAE 45°	
30482-4-4B	2
30482-6-6B	3
SAE (JIC) 37° Female Swivel	
30682-6-6B	5
SAE 45° Swivel	
30882-4-4B	5
30882-5-4B	5
30882-6-6B	5

Kit Contents	Quantity
Male Inverted Swivel	
32882-3-4	3
32882-4-4	5
32882-5-4	5
32882-6-6	3
Female Inverted Rigid	
32982-3-4B	3
32982-4-4B	3
32982-5-4B	5
32982-6-6B	3
Hose Union	
38282-4-4B	4
38282-6-6B	2

Parker Push-Lok Merchandiser

PLM-1 (801 Multi-Purpose Hose)

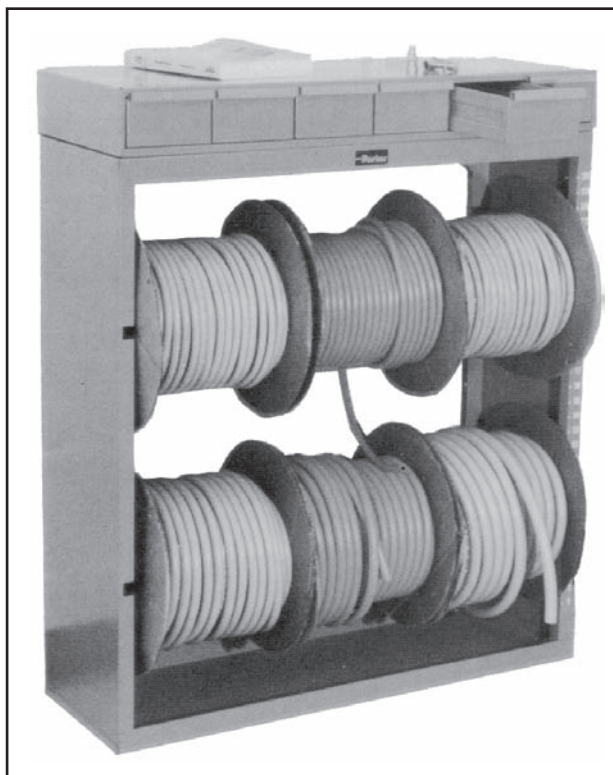
The Push-Lok Merchandiser is an ideal method of displaying Push-lok in will-call areas, maintenance shops, or other areas where air lines are fabricated.

Features

- PLM -1

Hose	Quantity	Size
801-4	300 Feet	1/4" I.D.
801-6	375 Feet	3/8" I.D.
801-8	100 Feet	1/2" I.D.

- 25 each of the following fittings:
 30182-4-4B 30682-4-4B 30882-6-6B
 30182-6-6B 30682-6-6B
 30182-8-8B 30682-8-8B
- Fitting drawers to store up to 18 different styles/sizes of fittings.
- TH11-1 hand held hose cutter.



Hose
A

Fittings
82 Series
B

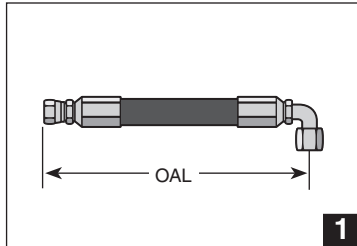
Equipment
C

Accessories
D

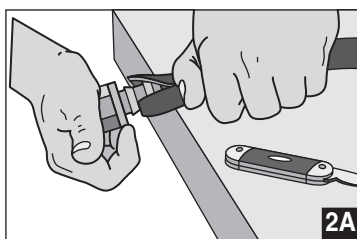
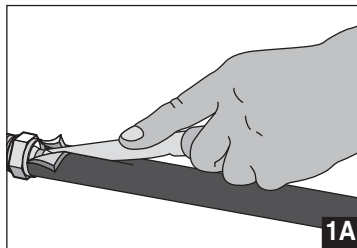
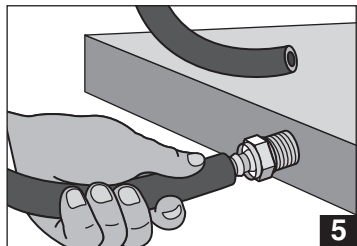
Technical
E

Hose
AFittings
82 Series
BEquipment
CAccessories
DTechnical
E

82 Series Assembly Instructions



OAL : Straight to 90° Elbow



1. Identify over all length (OAL) of hose assembly and the cut off allowance (COA) length of fitting(s) on hose ends by use of the fitting data table.
2. Properly measure and mark hose. Cut hose squarely with a Parker Push-Lok cut-off tool or a sharp knife.
3. Lubricate the Push-Lok fitting, hose I.D., or both with light oil or soapy water only - DO NOT USE HEAVY OIL OR GREASE.
4. Insert fitting into hose until first barb is in the hose.
5. Place end fitting against a flat object such as a work bench or wall. Grip hose approximately one inch from end and push with a steady force until the end of the hose is covered by the yellow plastic cap.

Disassembly Instructions

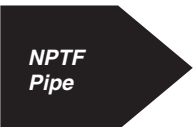
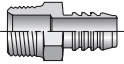
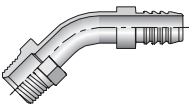
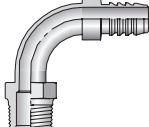



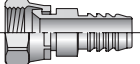
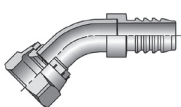
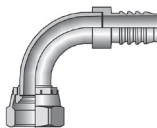

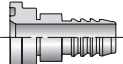

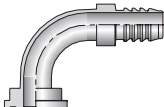

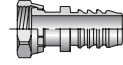


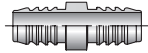




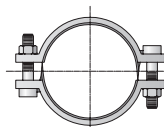

- 1A. Leave fitting in place, and cut hose approximately one inch lengthwise from the yellow plastic cap. **IMPORTANT:** Be careful not to nick barbs when cutting hose.
- 2A. Grip hose firmly and give it a sharp downward tug away from the fitting for disassembly.

Caution: Insert the Push-Lok fitting all the way into the Push-Lok hose until the cut end is concealed by the yellow plastic cap.

Caution: Sealing integrity may be damaged by use of exterior clamps.

IF YOU HAVE QUESTIONS CONCERNING THE PRODUCTS
OR APPLICATION OF THE PRODUCTS CONTAINED IN THIS
CATALOG, PLEASE CALL:

PARKER HOSE PRODUCTS DIVISION
TECHNICAL SERVICES DEPARTMENT
PHONE: 440 / 943-5700
FAX: 440 / 943-3129
<http://www.parkerhose.com>

 NPTF Pipe	0188 B-170  <i>Male - Rigid</i>	3188 B-170  <i>Male - Rigid 45° Elbow</i>	2188 B-170  <i>Male - Rigid 90° Elbow</i>	 Straight Thread	0588 B-170  <i>Male - Rigid</i>
 JIC 37°	0688 B-171  <i>Female - Swivel</i>	3788 B-171  <i>Female - Swivel</i>	3988 B-171  <i>Female - Swivel</i>	 Flange	1588 B-171  <i>Flange Heads</i>
1788 B-172  <i>45° Elbow</i>	1988 B-172  <i>90° Elbow</i>	 Seal-Lok® (O-Ring Face Seal)	JS88 B-172  <i>Female - Swivel Long</i>	JC88 B-172  <i>Female - Swivel Short</i>	 Union
8888 B-173  <i>Union</i>	 81 Series Crimp Shell	81 Series consists of a 10081 crimp shell and is completed by adding any 88 Series fittings.		10081 B-173  <i>81 Series Crimp Shell</i>	 Hose Clamp
88HC-H B-173  <i>Hose-Clamp</i>	88DB B-173  <i>Heavy Duty Clamp</i>	 Assembly Instructions	88 Series Assembly Instructions	81 Series Assembly Instructions - See Section C for crimping instructions.	

Hose
A

Fittings
88 Series
B

Equipment
C

Accessories
D

Technical
E

Hose
A

Fittings
88 Series
B

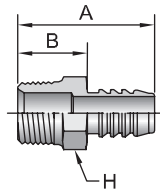
Equipment
C

Accessories
D

Technical
E

0188

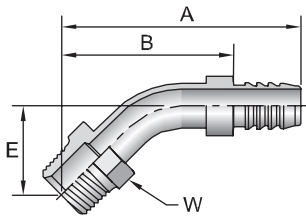
Male NPTF Pipe - Rigid



#			A			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	H inch	inch	mm
0188-12-12	3/4x14	3/4	2.25	57	1-1/8	1.13	29
0188-16-16	1x11-1/2	1	2.75	70	1-3/8	1.37	35
0188-20-20	1-1/4x11-1/2	1-1/4	3.05	77	1-3/4	1.47	37
0188-20-24	1-1/4x11-1/2	1-1/2	3.21	82	1-3/4	1.47	37
0188-24-24	1-1/2x11-1/2	1-1/2	3.24	82	2	1.50	38
0188-32-32	2x11-1/2	2	3.49	89	2-1/2	1.66	42

3188

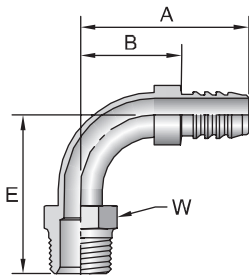
Male NPTF Pipe - Rigid - 45° Elbow



#			A		E			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	W inch	inch	mm
3188-16-16	1x11-1/2	1	4.12	105	1.63	41	1-3/8	2.74	70
3188-20-20	1-1/4x11-1/2	1-1/4	4.54	115	1.77	45	1-3/4	2.96	75

2188

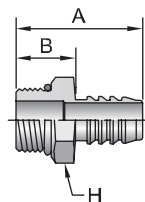
Male NPTF Pipe - Rigid - 90° Elbow



#			A		E			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	W inch	inch	mm
2188-12-12	3/4x14	3/4	2.83	72	2.67	68	1-1/8	1.70	43
2188-16-16	1x11-1/2	1	3.35	85	3.18	81	1-3/8	1.97	50
2188-20-20	1-1/4x11-1/2	1-1/4	3.80	97	3.41	87	1-3/4	2.21	56
2188-24-24	1-1/2x11-1/2	1-1/2	4.20	107	3.61	92	2	2.46	62
2188-32-32	2x11-1/2	2	4.86	123	4.23	107	2-1/2	3.03	77

0588

Male SAE Straight Thread with O-Ring - Rigid



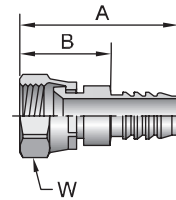
#			A			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	H inch	inch	mm
0588-12-12	1-1/16x12	3/4	2.13	54	1-1/4	1	25
0588-16-16	1-5/16x12	1	2.38	60	1-1/2	1	25
0588-20-20	1-5/8x12	1-1/4	2.59	66	1-7/8	1	25

See page B-173 for 81 Series crimp shells and clamps for 88 Series fittings.
See Equipment Section for assembly and crimping instructions.
See Section D for Flange Kits and O-Rings.

0688

Female JIC 37° - Swivel

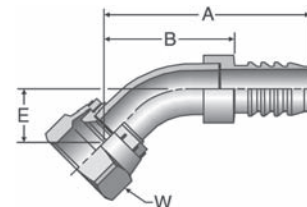
# Part Number	Thread		Hose I.D. inch	A		W inch	B	
	inch			inch	mm		inch	mm
0688-12-12	3/4	1-1/16x12	3/4	2.66	68	1-1/4	1.53	39
0688-16-12	1	1-5/16x12	3/4	1.86	47	1-1/2	1.38	35
0688-16-16	1	1-5/16x12	1	2.72	69	1-1/2	1.34	34
0688-20-20	1-1/4	1-5/8x12	1-1/4	3.34	85	2	1.75	44
0688-24-24	1-1/2	1-7/8x12	1-1/2	3.67	93	2-1/4	1.93	49
0688-32-32	2	2-1/2x12	2	4.14	105	2-7/8	2.31	59



3788

Female JIC 37° - Swivel

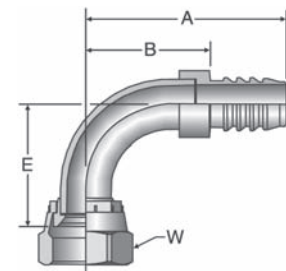
# Part Number	Thread		Hose I.D. inch	A		W inch	B	
	inch			inch	mm		inch	mm
3788-12-12	3/4	1-1/16x12	3/4	3.07	78	1-1/4	1.94	49
3788-16-16	1	1-5/16x12	1	3.51	89	1-1/2	2.13	54
3788-20-20	1-1/4	1-5/8x12	1-1/4	3.97	101	2	2.38	60



3988

Female JIC 37° - Swivel

# Part Number	Thread		Hose I.D. inch	A		W inch	B	
	inch			inch	mm		inch	mm
3988-12-12	3/4	1-1/16x12	3/4	2.98	76	1-1/4	1.85	47
3988-16-16	1	1-5/16x12	1	3.48	88	1-1/2	2.10	53
3988-20-20	1-1/4	1-5/8x12	1-1/4	3.81	97	2	2.22	56
3988-24-24	1-1/2	1-7/8x12	1-1/2	4.21	107	2-1/4	2.47	63

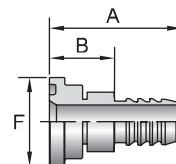


1588

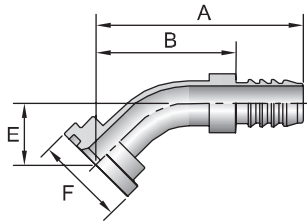
SAE Code 61 Flange Head

ISO 12151-3 - S - L

# Part Number	Flange inch	Hose I.D. inch	A		F inch	B	
			inch	mm		inch	mm
1588-16-16	1	1	2.57	65	1-3/4	1.19	30
1588-20-20	1-1/4	1-1/4	3.37	86	2	1.78	4
1588-24-24	1-1/2	1-1/2	3.78	96	2-3/8	2.04	52
1588-32-32	2	2	4.32	110	2-13/16	2.49	63






See page B-173 for 81 Series crimp shells and clamps for 88 Series fittings.
See Equipment Section for assembly and crimping instructions.
See Accessories Section for Flange Kits and O-Rings.

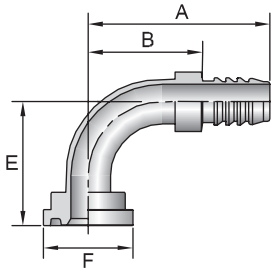


1788

SAE Code 61 Flange Head - 45° Elbow

ISO 12151-3 - E45S - L (1 Piece: ISO 12151-3 - E45M - L)




#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
1788-16-16	1	1	3.55	90	1.06	27	1-3/4	2.17	55
1788-20-20	1-1/4	1-1/4	3.90	99	1.13	29	2	2.31	59
1788-24-24	1-1/2	1-1/2	4.15	105	1.11	28	2-3/8	2.41	61
1788-32-32	2	2	4.58	116	1.25	32	2-13/16	2.75	70

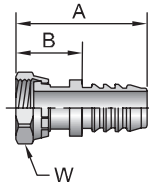


1988

SAE Code 61 Flange Head - 90° Elbow

ISO 12151-3 - E90S - L (1 Piece: ISO 12151-3 - E90M - L)




#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
1988-16-16	1	1	3.35	85	2.37	60	1-3/4	1.97	50
1988-20-20	1-1/4	1-1/4	3.80	97	2.50	64	2	2.21	56
1988-24-24	1-1/2	1-1/2	4.20	107	2.74	70	2-3/8	2.46	62
1988-32-32	2	2	4.86	123	3.19	81	2-13/16	3.03	77

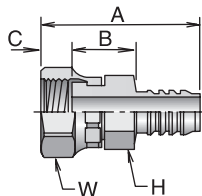


JS88

Female Seal-Lok® - Swivel - Long

ISO - 12151-1 - SWSB





#			A			B		
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	inch	mm	
JS88-20-20	1-1/4	1-11/16x12	1-1/4	3.21	82	1-7/8	1.15	29
JS88-24-24	1-1/2	2x12	1-1/2	3.47	88	2-1/4	1.73	44



JC88

Female Seal-Lok - Swivel - Short

ISO 12151-1 - SWSA

#				A		C			B	
Part Number	Thread	inch	Hose I.D.	inch	mm	inch	inch	inch	inch	mm
JC88-12-12	3/4	1-3/16x12	3/4	2.80	71	0.57	1-1/8	1-3/8	1.70	43
JC88-16-12	1	1-7/16x12	3/4	2.82	72	0.58	1-3/8	1-5/8	1.69	43
JC88-16-16	1	1-7/16x12	1	3.07	78	0.59	1-3/8	1-5/8	1.69	43
JC88-20-16	1-1/4	1-11/16x12	1	3.08	78	0.59	1-7/8	1-5/8	1.70	43
JC88-20-20	1-1/4	1-11/16x12	1-1/4	3.29	84	0.59	1-7/8	1-7/8	1.70	43

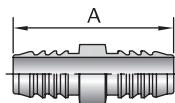
When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.

See page B-173 for 81 Series crimp shells and clamps for 88 Series fittings.
See Equipment Section for assembly and crimping instructions.
See Accessories Section for Flange Kits and O-Rings.

8888

Union (Hose Splicer)

#	Hose I.D.	A	
Part Number	inch	inch	mm
8888-12-12	3/4	2.70	67
8888-16-16	1	3.21	82
8888-20-20	1-1/4	3.61	92
8888-24-24	1-1/2	3.92	100
8888-32-32	2	4.04	103



88HC

Hose Clamp (Worm Gear)

#	Hose I.D.
Part Number	inch
88HC-12	3/4
88HC-16	1
88HC-20	1-1/4
88HC-24	1-1/2
88HC-32	2



88HC-H

Hose Clamp (High Torque Worm Gear)

#	Hose I.D.
Part Number	inch
88HC-12H	3/4
88HC-16H	1
88HC-20H	1-1/4
88HC-24H	1-1/2
88HC-32H	2



10081

Crimp Shell

#	Hose I.D.
Part Number	inch
10081-12	3/4
10081-16	1
10081-20	1-1/4
10081-24	1-1/2
10081-32	2

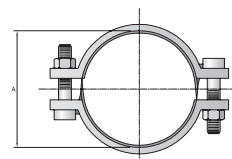


81 Series consists of a 10081 crimp shell and is completed by adding any 88 Series Fittings. See Equipment Section for complete 81 Series Assembly and Crimping instructions.

88DB

Heavy Hose Clamp (Double Bolt)

#	Hose I.D.
Part Number	inch
88DB-12	3/4
88DB-16	1
88DB-20	1-1/4
88DB-24	1-1/2
88DB-32	2



Hose
A

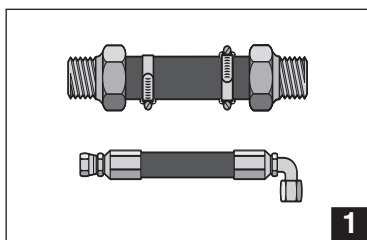
Fittings
88 Series
B

Equipment
C

Accessories
D

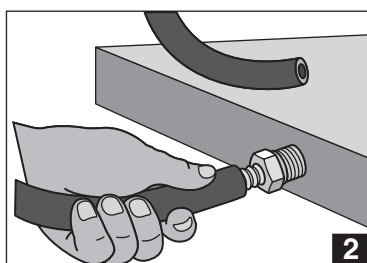
Technical
E

Hose
A



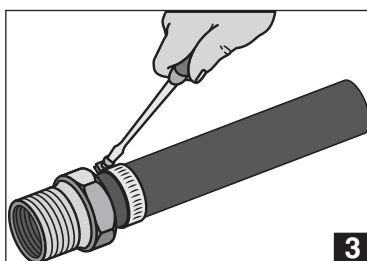
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Fittings
88 Series
B



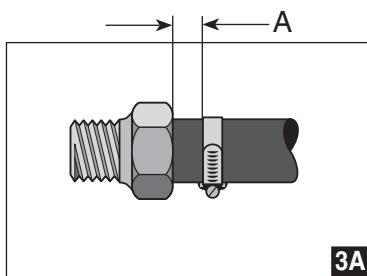
2

Equipment
C



3

Accessories
D



3A

Technical
E

88 Series

Hose Assembly Instructions

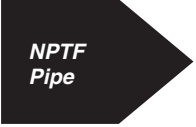
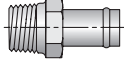
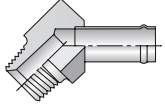
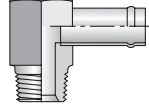

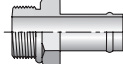
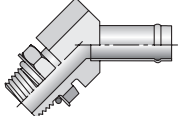
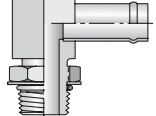


1. Identify Over All Length (OAL) of hose assembly and the Cut Off Allowance (COA) length of fitting(s) by use of the fitting data table. Properly measure and mark hose. Cut hose cleanly and squarely to length. Trim any exposed wire reinforcement to prevent injury in service.
 2. Slide clamp(s) onto hose and lubricate hose. Push hose onto fitting until hose bottoms against stop ring or hex.
 3. Position hose clamp(s) as shown and secure with a screwdriver or wrench. Maintain "A" dimensions as shown below for proper clamp positioning of both HC clamps and HC-H clamps.
- 3A. Evenly attach double bolt clamps for maximum grip.

Hose I.D. inch	A	
	inch	mm
-12	1/4	6.35
-16	3/8	9.53
-20	3/8	9.53
-24	1/2	12.70
-32	1/2	12.70

Note: For permanent installation of 88 Series Fittings, an 81 Series Crimp Shell must be added. See Equipment Section for assembly and crimping instructions.

IF YOU HAVE QUESTIONS CONCERNING THE PRODUCTS
OR APPLICATION OF THE PRODUCTS CONTAINED IN THIS
CATALOG, PLEASE CALL:

PARKER HOSE PRODUCTS DIVISION
TECHNICAL SERVICES DEPARTMENT
PHONE: 440-943-5700
FAX: 440-943-3129
<http://www.parkerhose.com>

 <p>NPTF Pipe</p>	<p>01TB B-176</p>  <p><i>Male - Rigid</i></p>	<p>31TB B-176</p>  <p><i>Male - Rigid 45° Elbow</i></p>	<p>21TB B-176</p>  <p><i>Male - Rigid 90° Elbow</i></p>	 <p>SAE Straight Thread</p>	<p>05TB B-177</p>  <p><i>Male - Rigid</i></p>
<p>35TB B-177</p>  <p><i>Male - Rigid 45° Elbow</i></p>	<p>25TB B-177</p>  <p><i>Male - Rigid 90° Elbow</i></p>	 <p>Clamp</p>	<p>Clamp B-173</p>  <p><i>Wormgear</i></p>		

Hose
A

Fittings
TB Series
B

Equipment
C

Accessories
D

Technical
E

Hose
A

Fittings
TB Series
B

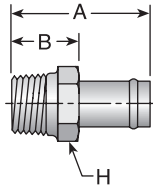
Equipment
C

Accessories
D

Technical
E

01TB

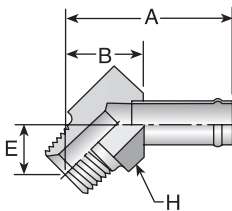
Male NPTF Pipe - Rigid



#			A			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	H inch	inch	mm
01TB-4-6	1/4x18	3/8	2.09	53	5/8	0.96	24
01TB-6-8	3/8x18	1/2	2.12	54	3/4	0.96	24
01TB-8-10	1/2x14	5/8	2.81	59	7/8	1.15	29
01TB-8-12	1/2x14	3/4	2.31	59	1	1.15	29
01TB-12-12	3/4x14	3/4	2.13	54	1-1/8	0.97	24
01TB-16-16	1x11-1/2	1	2.69	68	1-3/8	1.53	39
01TB-20-20	1-1/4x11-1/2	1-1/4	2.84	72	1-3/4	1.34	34
01TB-24-24	1-1/2x11-1/2	1-1/2	3.25	83	2	1.50	38
01TB-32-32	2x11-1/2	2	3.53	90	2-5/8	1.78	45

31TB

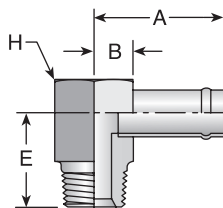
Male NPTF Pipe - Rigid - 45° Elbow



#			A		E			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	H inch	inch	mm
31TB-6-8	3/8x18	1/2	2.54	65	0.69	18	7/8	1.04	26
31TB-8-10	1/2x14	5/8	2.68	68	0.82	21	1	1.18	30
31TB-8-12	1/2x14	3/4	2.78	71	0.82	21	1-1/4	1.28	33
31TB-12-12	3/4x14	3/4	2.82	72	0.86	22	1-1/4	1.32	34
31TB-12-16	3/4x14	1	3.01	76	0.86	22	1-1/2	1.38	35
31TB-16-16	1x11-1/2	1	3.19	81	1.04	26	1-1/2	1.56	40
31TB-20-20	1-1/4x11-1/2	1-1/4	3.26	83	0.99	25	1-7/8	1.59	40

21TB

Male NPTF Pipe - Rigid - 90° Elbow

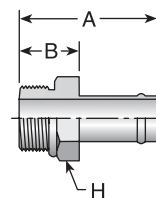


#			A		E			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	H inch	inch	mm
21TB-6-8	3/8x18	1/2	1.94	49	1.22	31	7/8	0.44	11
21TB-8-10	1/2x14	5/8	2.03	52	1.47	37	1-1/16	0.53	13
21TB-8-12	1/2x14	3/4	2.16	55	1.59	40	1-5/16	0.66	17
21TB-12-12	3/4x14	3/4	2.16	55	1.59	40	1-5/16	0.66	17
21TB-12-16	3/4x14	1	2.44	62	1.59	40	1-5/8	0.81	21
21TB-16-14	1x11-1/2	7/8	2.31	59	1.97	50	1-5/8	0.81	21
21TB-16-16	1x11-1/2	1	2.44	62	1.97	50	1-5/8	0.81	21

05TB

Male SAE Straight Thread with O-Ring - Rigid

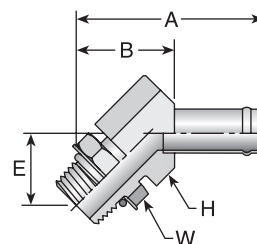
# Part Number	Thread inch	Hose I.D. inch	A		H inch	B	
			inch	mm		inch	mm
05TB-6-6	9/16x18	3/8	1.94	49	11/16	0.69	18
05TB-8-8	3/4x16	1/2	2.00	51	7/8	0.75	19
05TB-8-10	3/4x16	5/8	2.00	51	7/8	0.75	19
05TB-10-10	7/8x14	5/8	2.06	52	1	0.81	21
05TB-12-12	1-1/16x12	3/4	2.25	57	1-1/4	1.00	25
05TB-16-16	1-5/16x12	1	2.38	60	1-1/2	1.00	25
05TB-20-20	1-5/8x12	1-1/4	2.50	64	1-7/8	1.00	25



35TB

Male SAE Straight Thread with O-Ring - Rigid - 45° Elbow

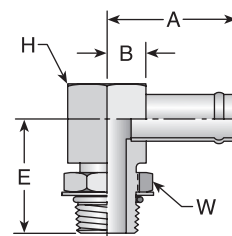
# Part Number	Thread inch		Hose I.D. inch	A		E		H inch	W inch	B	
				inch	mm	inch	mm			inch	mm
35TB-8-8	1/2	3/4x16	1/2	2.79	71	0.93	24	7/8	7/8	1.29	33
35TB-10-10	5/8	7/8x14	5/8	2.80	71	0.93	24	1	1	1.28	33
35TB-12-12	3/4	1-1/16x12	3/4	3.18	81	1.22	31	1-1/4	1-1/4	1.68	43
35TB-16-16	1	1-5/16x12	1	3.45	88	1.30	33	1-1/2	1-1/2	1.82	46
35TB-20-16	1-1/4	1-5/8x12	1	3.57	91	1.34	34	1-7/8	1-7/8	1.94	49



25TB

Male SAE Straight Thread with O-Ring - Rigid - 90° Elbow

# Part Number	Thread inch		Hose I.D. inch	A		E		H inch	W inch	B	
				inch	mm	inch	mm			inch	mm
25TB-8-6	1/2	3/4x16	3/8	1.94	49	1.45	37	7/8	7/8	0.44	11
25TB-8-8	1/2	3/4x16	1/2	1.94	49	1.44	37	7/8	7/8	0.44	11
25TB-10-10	5/8	7/8x14	5/8	2.03	52	1.69	43	1-1/16	1	0.53	13
25TB-10-12	5/8	7/8x14	3/4	2.16	55	1.69	43	1-5/16	1	0.66	17
25TB-12-12	3/4	1-1/16x12	3/4	2.16	55	1.92	49	1-5/16	1-1/4	0.66	17
25TB-16-12	1	1-5/16x12	3/4	2.31	59	2.03	52	1-5/8	1-1/2	0.81	21
25TB-16-16	1	1-5/16x12	1	2.44	62	2.03	52	1-5/8	1-1/2	0.81	21
25TB-20-16	1-1/4	1-5/8x12	1	2.57	65	2.34	59	1-7/8	1-7/8	0.94	24
25TB-20-20	1-1/4	1-5/8x12	1-1/4	2.61	66	2.34	59	1-7/8	1-7/8	0.94	24



Hose
A

Fittings
TB Series
B

Equipment
C

Accessories
D

Technical
E

Hose A
Fittings TB Series B
Equipment C
Accessories D
Technical E

