



Parkrimp (Crimp) Series
Field Attachable Series

Fittings

B



ENGINEERING YOUR SUCCESS.

Parkrimp (crimp) Series of Fittings

25 Series	B-5
26 Series	B-9
43 Series	B-27
70 Series	B-61
71 Series	B-71
73 Series	B-85
76 Series	B-94
77 Series	B-96
78 Series	B-108
S6 Series	B-109
79 Series	B-121
HY Series	B-126
81 Series	B-197

Field Attachable Series of Fittings

20 Series	B-141
21 Series	B-151
22 Series	B-159
23 Series	B-163
30 Series	B-167
42 Series	B-173
82 Series	B-180
88 Series	B-197
TB Series	B-203

A

B

C

D

E

How to Read the Fittings Section

With more than 750 end configurations, Parker's brass, stainless steel and Chromium-6 free plated steel fittings include O-ring face seal, flare, straight thread, pipe and metric designs, in both crimp and field attachable styles. Along with Parker hose, all fittings have been tested and approved, and meet 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
- 1**JC43-12-8C - Fitting (1=Crimp, 2=Field attachable, 3=Push-Lok, Blank=Nipple with clamp)
 - 1****J**C43-12-8C - End Connection
 - 1**J**C**43**-12-8C - Fitting Series
 - 1JC43-**12**-8C - Size of Fitting End Connection
 - 1JC43-12-**8**C - Hose Size
 - 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 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

Lists approved hoses for fitting series

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

Indicates Fitting Section

Continued on next page

Catalog 4400 US
Pipe / JIC

26 Series Fittings
Use with 201, 206, 213, 221FR, 225, 244, 266, 265, 293, SS23CG hoses.

Fitting Information
Base part number and end connection description

10126
Male NPTF Pipe - Rigid - Straight

# Part Number	Thread inch	Hose I.D. inch	A		H		B		Additional Material Brass
			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

Fittings 26 Series

B



How to select hose fittings

To make ordering Parker products easier, we have outlined the nomenclature for hose and fittings on this page. For information on ordering hose assemblies, see Section A.

How to Select Hose

Example: 451TC-8

- 451TC-8 - Hose type
- 451TC-8 - Indicates the special feature of the hose (in this case, "Tough Cover")
- 451TC-8 - Hose inside diameter dash size (in this case, 8/16" or 1/2")



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)
- 1JC43-12-8C - Fitting series
- 1JC43-12-8C - Size of fitting end connection (In this case, 12/16" or 3/4")
- 1JC43-12-8C - Hose size (In this case, 8/16" or 1/2")
- 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 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: 20120-16-16B

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



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)
- 0120-16-16B - Fitting series
- 0120-16-16B - Size of fitting end connection (In this case, 16/16" or 1")
- 0120-16-16B - Hose size (In this case, 16/16" or 1")
- 0120-16-16B - 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




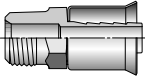
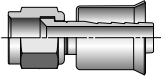
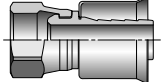
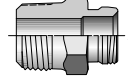
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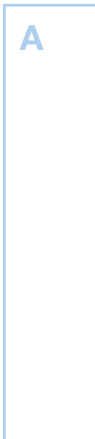
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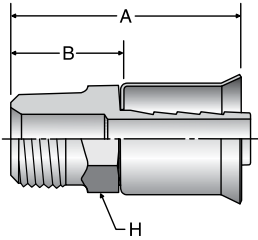
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E

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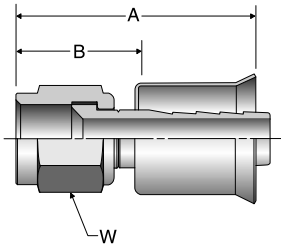
A



10125 Male NPTF Pipe - Rigid

# Part Number	Thread inch	Hose I.D. inch	A		H inch	B	
			inch	mm		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

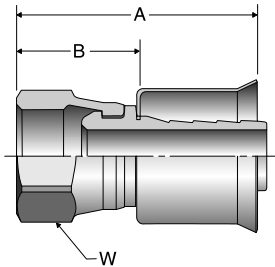
B



10825 Female SAE 45° - Swivel

# Part Number	Thread inch	Hose I.D. inch	A		H inch	B	
			inch	mm		inch	mm
10825-6-6B	5/8X18	3/8	1.82	46	3/4	1.10	28
10825-8-6B	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

C

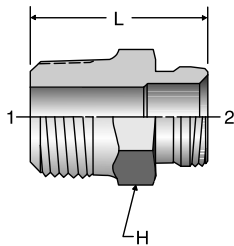


17B25 Female Air Brake Jounce Line - Swivel - Straight

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

D

017M Air Brake Adapter



# Part Number	Thread End 1 NPTF inch		Thread End 2 UNEFinch		L		H inch
	inch	mm	inch	mm	inch	mm	
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

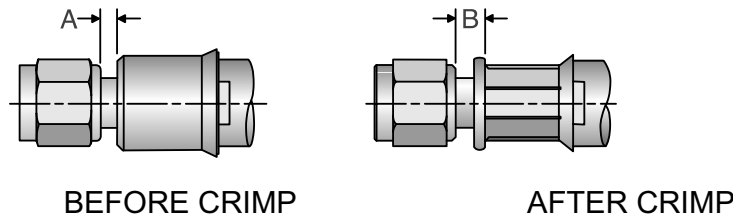
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Assembly Instructions

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 a 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. Refer to CrimpSource for correct crimp dies and crimping dimensions.
6. Check for proper gap between nut and shell after crimp. (See table below)



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	
10625-6-6B	3.80	0.150	8.00	0.315	TH2-7M25-6
10825-6-6B	5.80	0.230	11.80	0.465	
10625-8-8B	3.80	0.150	8.00	0.315	TH2-7M25-8
10825-8-8B	5.80	0.230	11.80	0.465	

NOTE: The "Required Assembly Tool" must be used to assemble all fittings listed above.

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.

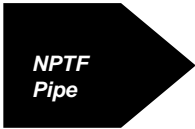
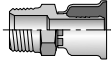

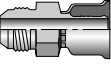
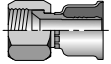
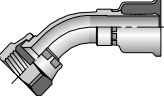
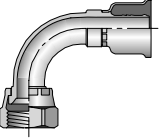
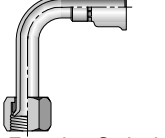

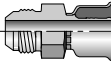
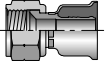
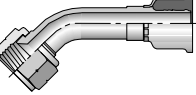
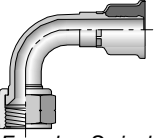

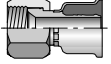

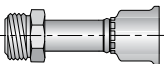
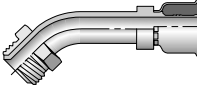
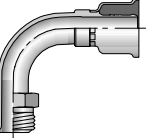

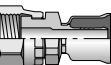
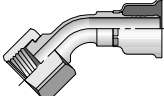
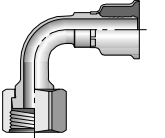
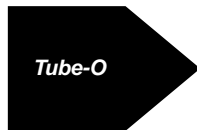
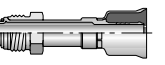
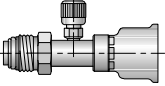
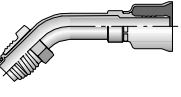
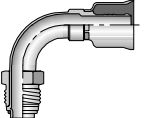
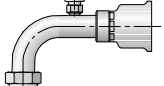
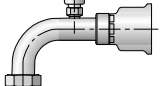
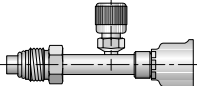
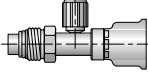
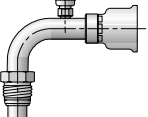
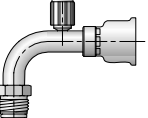

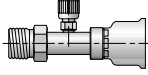
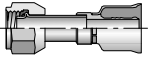
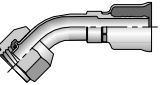
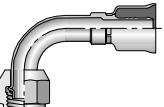
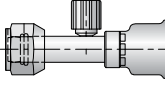
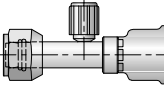
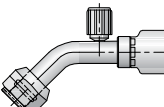
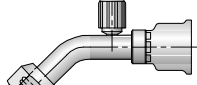
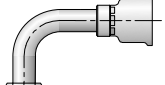
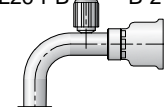
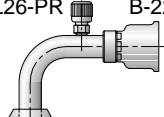
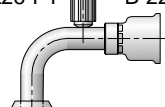

A

B


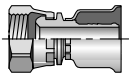

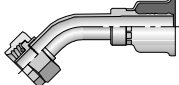
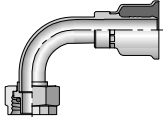
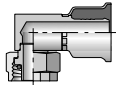
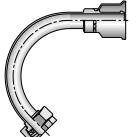
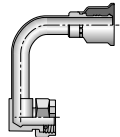

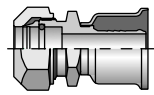
C

D

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>

A

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

B

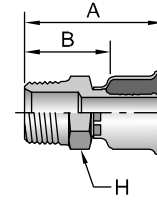
C

D

E

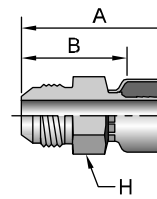
26
e F i e i g i

# rt er	re inch		se inch		inch		mm		inch		mm		iti n teri r ss
	re inch		se inch		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			



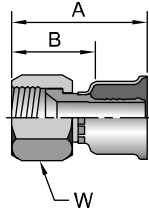
26
e i g i

# rt er	re inch		se inch		inch		mm		inch		mm		iti n teri r ss
	re inch		se inch		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			



626

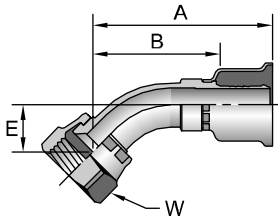
Female Straight



# Part Number	Thread		Seal inch	Body		Hex		Material
	inch	inch		inch	mm	inch	mm	
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

26

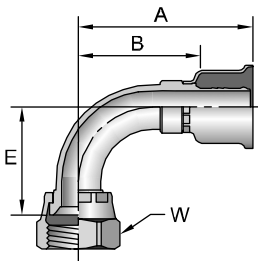
Female Straight



# Part Number	Thread		Seal inch	Body		Hex		Material		
	inch	inch		inch	mm	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	15	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

26

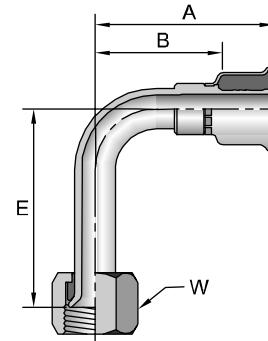
Female Straight



# Part Number	Thread		Seal inch	Body		Hex		Material		
	inch	inch		inch	mm	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

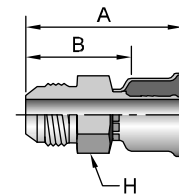
26
Female Straight

# Part Number	Female Inch		Male Inch	Inch		mm		Inch		mm	
	1/4	3/8		1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2
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	



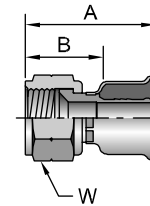
26
Female Straight

# Part Number	Female Inch		Male Inch	Inch		mm		Inch		mm	
	1/4	3/8		1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	
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			



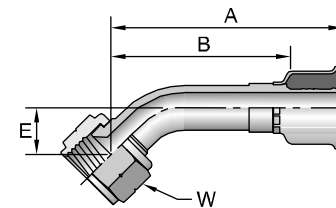
26
Female Straight

# Part Number	Female Inch		Male Inch	Inch		mm		Inch		mm		Interference
	3/8	5/8		1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2		
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			•	



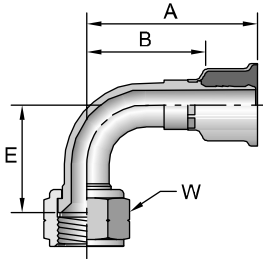
26
Female Straight

# Part Number	Female Inch		Male Inch	Inch		mm		Inch		mm	
	1/4	3/8		1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	
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.

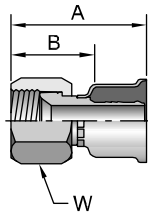
26
Female S i e



# Part Number	Thread		Hose I.D. inch	A		W		B		
	inch	mm		inch	mm	inch	mm	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

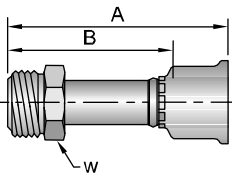
Notch on nut signifies 45° flare fitting.

16826
Female JIC 37° / SAE 45° - Dual Flare - Swivel



# Part Number	Thread		Hose I.D. inch	A		W		B		Additional Material Brass (B)
	inch	mm		inch	mm	inch	mm	inch	mm	
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	2.36	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		

226
Female S i e



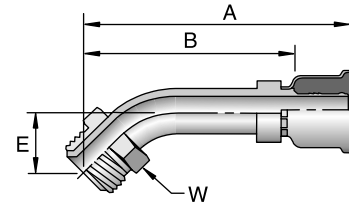
# Part Number	Thread		Hose I.D. inch	A		W		B	
	inch	mm		inch	mm	inch	mm	inch	mm
12826-4-4	1/4	7/16x24	3/16	2.43	62	7/16	1.56	40	
12826-5-5	5/16	1/2x20	1/4	2.56	65	1/2	1.69	43	
12826-6-6	3/8	5/8x18	5/16	2.87	73	5/8	2.01	51	
12826-8-8	1/2	3/4x18	13/32	3.00	76	3/4	2.14	54	
12826-10-10	5/8	7/8x18	1/2	3.17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

See Accessories Section for O-Rings and Flange Kits.

16726

Male Inverted SAE 45° - Swivel - 45° Elbow

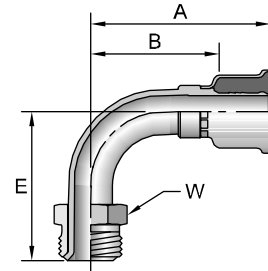
# Part Number	Thread		Hose I.D. inch	A		E		W		B	
	inch			inch	mm	inch	mm	inch	mm	inch	mm
16726-4-4	1/4	7/16x24	3/16	2.20	56	0.63	16	7/16	1.33	34	
16726-5-5	5/16	1/2x20	1/4	2.30	58	0.70	18	1/2	1.43	36	
16726-6-6	3/8	5/8x18	5/16	2.55	65	0.87	22	5/8	1.69	43	
16726-8-8	1/2	3/4x18	13/32	2.60	66	1.09	28	3/4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



16926

Male Inverted SAE 45° - Swivel - 90° Elbow

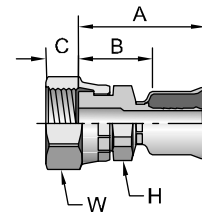
# Part Number	Thread		Hose I.D. inch	A		E		W		B	
	inch			inch	mm	inch	mm	inch	mm	inch	mm
16926-4-4	1/4	7/16x24	3/16	2.27	58	1.56	40	7/16	1.40	36	
16926-6-6	3/8	5/8x18	5/16	1.89	48	1.48	38	5/8	1.03	26	
16926-8-8	1/2	3/4x18	13/32	2.25	57	1.88	48	3/4	1.39	35	
16926-10-10	5/8	7/8x18	1/2	2.70	69	2.17	55	7/8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



1JC26

Female Seal-Lok® - Swivel - Short

# Part Number	Thread		Hose I.D. inch	A		C		H		W		B	
	inch			inch	mm	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.

A

B

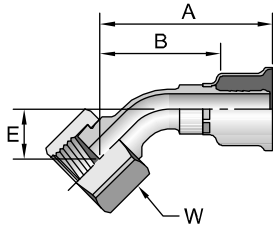
C

D

E

1J726

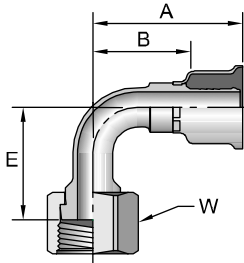
Female Seal-Lok® - Swivel - 45° Elbow



# Part Number	Thread		Hose I.D. inch	A		E		W		B	
	inch	inch		inch	mm	inch	mm	inch	mm	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	11/16x16	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

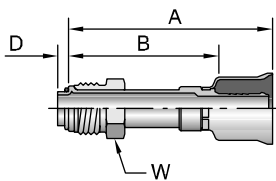
Female Seal-Lok® - Swivel - 90° Elbow - Short Drop



# Part Number	Thread		Hose I.D. inch	A		E		W		B	
	inch	inch		inch	mm	inch	mm	inch	mm	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	11/16x16	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		Hose I.D. inch	A		D		W		B	
	inch	inch		inch	mm	inch	mm	inch	mm	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	

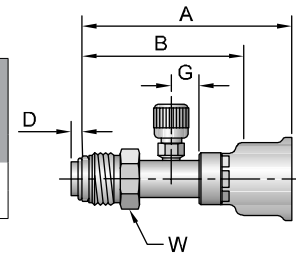
When measuring overall length to the end of the nut, B+D must be used to calculate cut-off allowance.

See Accessories Section for O-Rings.

1S526-PR

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

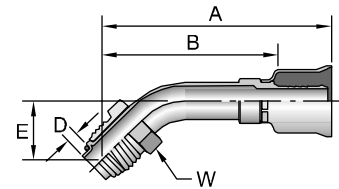
# Part Number	Thread		Hose I.D. inch	A		D		G		W inch	B	
	inch	7/8x18		inch	mm	inch	mm	inch	mm		inch	mm
1S526-10-10-PR	5/8	7/8x18	1/2	3.52	89	0.18	4,7	0.47	12	7/8	2.57	65
1S526-10-12-PR	5/8	7/8x18	5/8	3.68	93	0.18	4,7	0.47	12	7/8	2.74	70



15R26

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

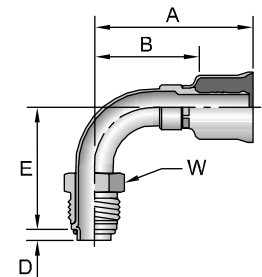
# Part Number	Thread		Hose I.D. inch	A		D		E		W inch	B	
	inch	5/8x18		inch	mm	inch	mm	inch	mm		inch	mm
15R26-6-6	3/8	5/8x18	5/16	2.52	64	0.18	4,7	0.85	22	5/8	1.66	42
15R26-8-8	1/2	3/4x18	13/32	2.53	64	0.18	4,7	1.05	27	3/4	1.67	42
15R26-10-10	5/8	7/8x18	1/2	2.99	76	0.18	4,7	1.25	32	7/8	2.04	52
15R26-10-12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

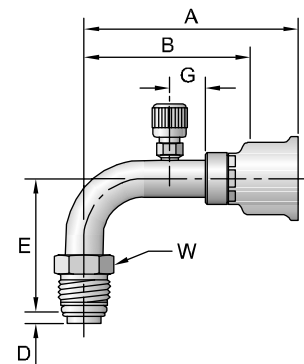
# Part Number	Thread		Hose I.D. inch	A		D		E		W inch	B	
	inch	5/8x18		inch	mm	inch	mm	inch	mm		inch	mm
15K26-6-6	3/8	5/8x18	5/16	2.06	52	0.18	4,7	1.76	45	5/8	1.19	30
15K26-7-6	7/16	11/16x16	5/16	2.21	56	0.18	4,7	1.76	44	11/16	1.35	34
15K26-8-8	1/2	3/4x18	13/32	2.06	52	0.18	4,7	1.74	44	3/4	1.20	30
15K26-10-10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

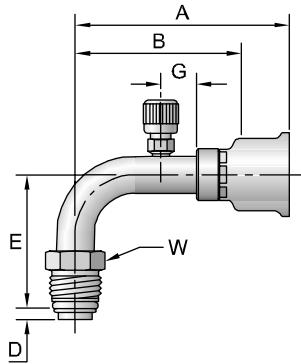
Male Tube-O - Swivel - 90° Elbow - Short Pilot
with High Pressure Charge Port for R134a

# Part Number	Thread		Hose I.D. inch	A		D		E		G		W inch	B	
	inch	3/4x18		inch	mm	inch	mm	inch	mm	inch	mm		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	48



15K26-PR

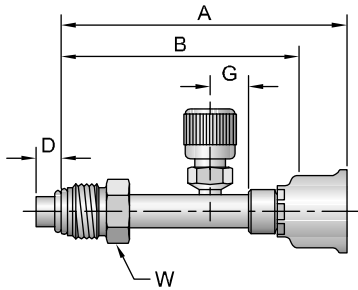
Male Tube-O - Swivel - 90° Elbow - Short Pilot
with Charge Port for R12



# Part Number	Thread		Hose I.D.	A		D		E		G		W	B	
	inch	mm	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	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

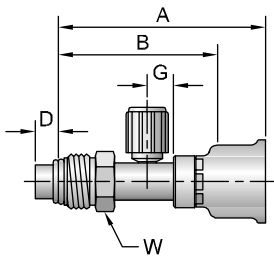
Male Tube-O - Swivel - Long Pilot With
Charge Port for R12



# Part Number	Thread		Hose I.D.	A		D		G		W	B	
	inch	mm	inch	inch	mm	inch	mm	inch	mm	inch	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

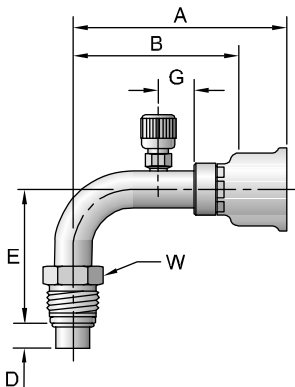
Male Tube-O - Swivel - Long Pilot With
With Low Pressure Charge Port for R134a



# Part Number	Thread		Hose I.D.	A		D		G		W	B	
	inch	mm	inch	inch	mm	inch	mm	inch	mm	inch	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

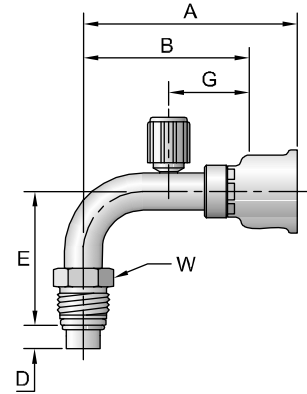


# Part Number	Thread		Hose I.D.	A		D		E		G		W	B	
	inch	mm	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	inch	mm
15M26-6-6-PR	3/8	5/8x18	5/16	2.48	63	0.28	7,1	1.58	40	0.50	13	5/8	1.62	41

15M26-PT

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

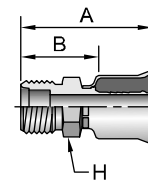
# Part Number	Thread		Hose I.D. inch	A		D		E		G		W inch	B	
	inch	mm		inch	mm	inch	mm	inch	mm	inch	mm		inch	mm
15M26-10-12-PT	5/8	7/8x18	5/8	3.25	83	0.38	9,8	2.25	57	0.60	15	7/8	2.31	59



15G26

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

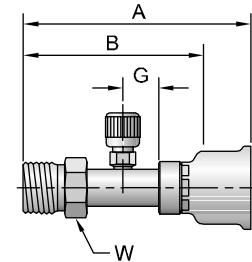
# Part Number	Thread		Hose I.D. inch	A		H inch	B	
	inch	mm		inch	mm		inch	mm
15G26-6-6	3/8	5/8x18	3/8	1.78	45	0.625	0.92	23
15G26-8-8	1/2	3/4x16	13/32	1.95	50	3/4	1.09	28
15G26-10-10	5/8	7/8x14	1/2	4.05	103	7/8	3.10	79
15G26-10-12	5/8	7/8x14	5/8	2.19	56	0.875	1.25	32



15G26-PR

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

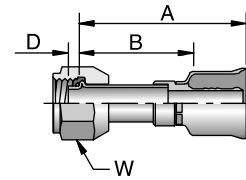
# Part Number	Thread		Hose I.D. inch	A		G		W inch	B	
	inch	mm		inch	mm	inch	mm		inch	mm
15G26-10-12-PR	5/8	7/8x14	5/8	4.27	108	0.60	15	7/8	3.33	85



15S26

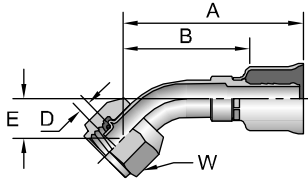
Female Tube-O - Swivel - Short Pilot

# Part Number	Thread		Hose I.D. inch	A		D		W inch	B	
	inch	mm		inch	mm	inch	mm		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



15H26

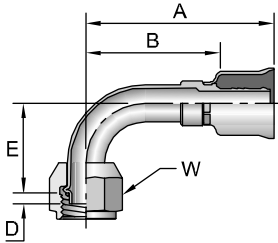
Female Tube-O - Swivel 45° Elbow - Short Pilot



# Part Number	Thread		Hose I.D.	A		D		E		W	B	
	inch	mm	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

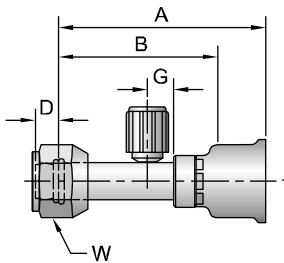
Female Tube-O - Swivel - 90° Elbow - Short Pilot



# Part Number	Thread		Hose I.D.	A		D		E		W	B	
	inch	mm	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

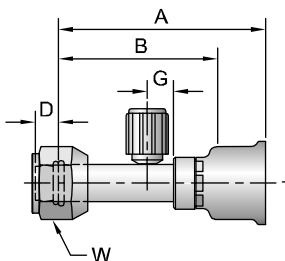
Female Tube-O - Swivel - Long Pilot With High Pressure Charge Port for R134a



# Part Number	Thread		Hose I.D.	A		D		G		W	B	
	inch	mm	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

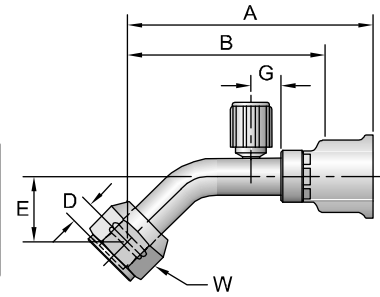


# Part Number	Thread		Hose I.D.	A		D		G		W	B	
	inch	mm	inch	inch	mm	inch	mm	inch	mm	inch	inch	mm
15926-10-12-PT	5/8	7/8x14	5/8	3.47	88	0.38	9,8	0.60	15	1-1/16	2.53	64

15N26-PB

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

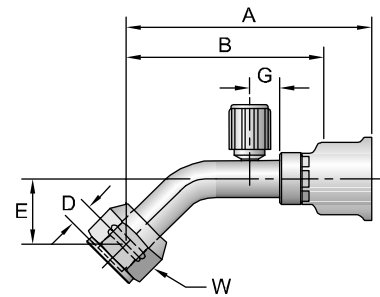
# Part Number	Thread		Hose I.D. inch	A		D		E		G		W		B	
	inch			inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
15N26-8-8-PB	1/2	3/4x16	13/32	3.67	93	0.38	9,8	0.90	23	0.60	15	7/8	2.81	72	



15N26-PT

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

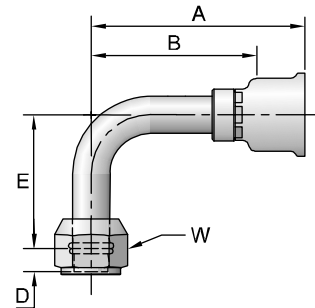
# Part Number	Thread		Hose I.D. inch	A		D		E		G		W		B	
	inch			inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
15N26-10-12-PT	5/8	7/8x14	5/8	3.92	100	0.38	9,8	1.21	31	0.60	15	1-1/16	2.98	76	



15L26

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

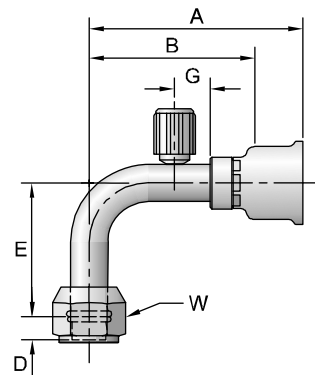
# Part Number	Thread		Hose I.D. inch	A		D		E		W		B	
	inch			inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
15L26-8-8	1/2	3/4x14	13/32	2.14	54	0.38	9,8	1.46	37	7/8	1.28	33	



15L26-PB

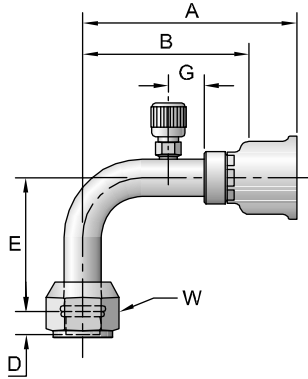
Female Tube-O - Swivel - 90° Elbow - Long Pilot
With High Pressure Charge Port for R134a

# Part Number	Thread		Hose I.D. inch	A		D		E		G		W		B	
	inch			inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	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	



15L26-PR

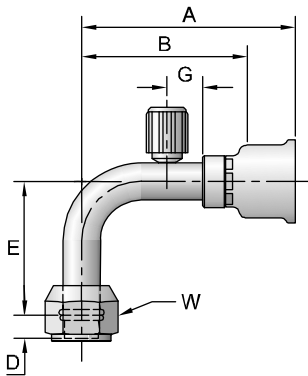
Female Tube-O - Swivel - 90° Elbow - Long Pilot
With Charge Port for R12



# Part Number	Thread inch	Hose I.D. inch	A		D		E		G		W		B	
			inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	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

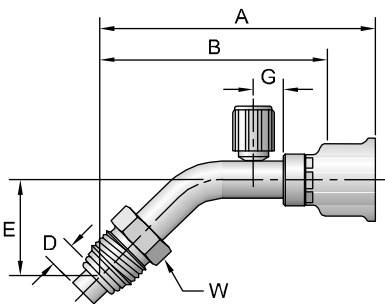
Female Tube-O - Swivel - 90° Elbow - Long Pilot
With Low Pressure Charge Port for R134a



# Part Number	Thread inch	Hose I.D. inch	A		D		E		G		W		B	
			inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	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

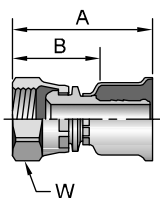
Male Tube-O - Swivel - 45° Elbow - Long Pilot With
With Low Pressure Charge Port for R134a



# Part Number	Thread inch	Hose I.D. inch	A		D		E		G		W		B	
			inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	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

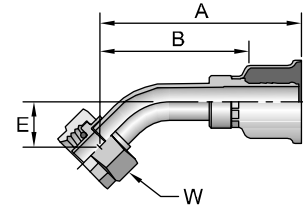


# Part Number	Thread inch	Hose inch	A		W		B	
			inch	mm	inch	mm	inch	mm
17B26-8-6BA	1/2 3/4x20	5/16	1.75	44	11/16	0.89	23	
17B26-8-8BA	1/2 3/4x20	13/32	1.75	44	11/16	0.89	23	

26

Fe e ress r S i e

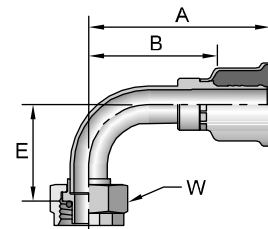
# rt er	re inch	se inch	inch		mm		inch		
			inch	mm	inch	mm	inch	inch	mm
15V26-12-8	1x14	13/32	2.72	69	0.75	19	1-1/8	1.86	47
15V26-12-12	1x14	5/8	3.39	86	0.76	19	1-1/8	2.45	62



26

Fe e ress r S i e

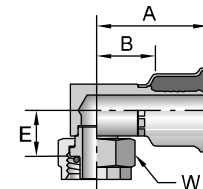
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			inch	mm	inch	mm	inch	inch	mm
15W26-12-8	1x14	13/32	2.24	57	1.25	32	1.125	1.38	35
15W26-12-12	1x14	5/8	3.04	77	1.63	41	1.125	2.10	53



26

Fe e ress r S i e e

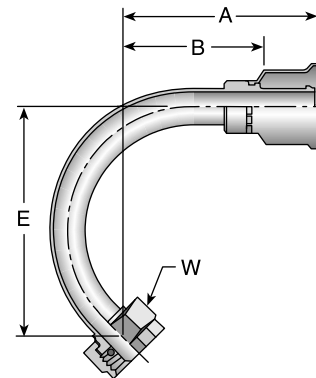
# rt er	re inch	se inch	inch		mm		inch		
			inch	mm	inch	mm	inch	inch	mm
15Z26-12-8	1X14	0.40625	1.79	45	0.80	20	1.125	0.93	24
15Z26-12-12	1X14	0.625	1.87	47	0.80	20	1.125	0.93	24



26

Fe e ress r S i e

# rt er	se inch	inch		mm		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



A

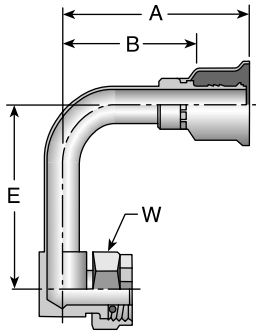
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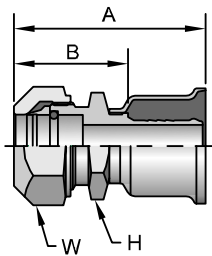
A



26
F e e r e s s r S i e e

# rt er	re inch		se inch		inch		mm		inch		mm	
	re inch		se inch		inch	mm	inch	mm	inch	mm	inch	mm
1RZ26-12-12	1x14		5/8		2.98	76	3.13	80	1-1/8	2.04	52	

B



26
e e r i g e r n t e e n e r
i t t n F e r r e

# rt er	re inch		se inch		inch		mm		inch		mm	
	re inch		se inch		inch	mm	inch	mm	inch	mm	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.

C

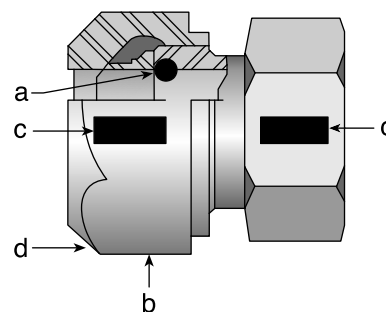
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26

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>

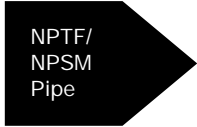
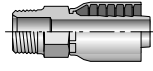
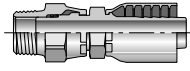
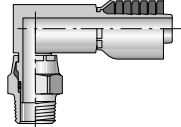
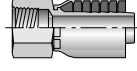
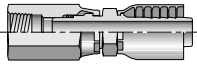
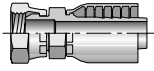
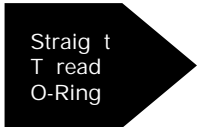
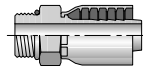
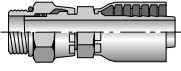
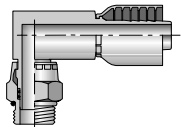

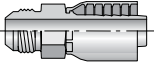
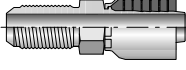
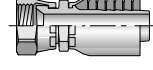
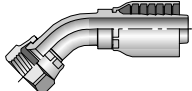
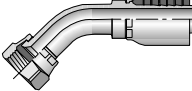
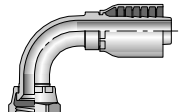
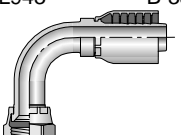
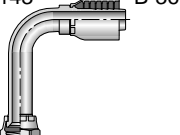
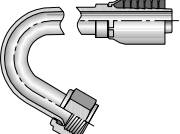

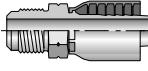
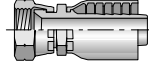
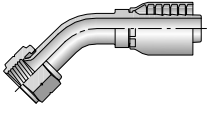
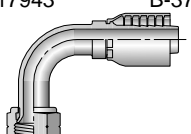

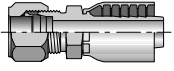
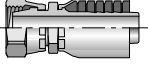
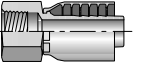

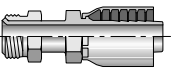
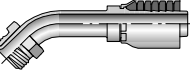
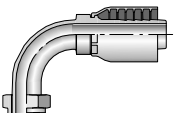

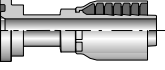
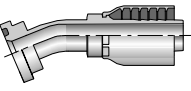
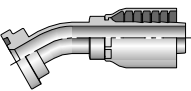
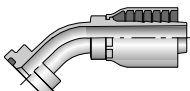
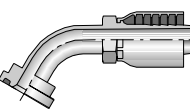
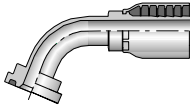
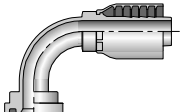

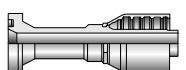
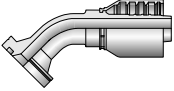
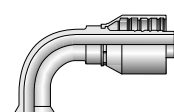

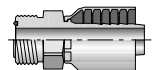
A

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	10143 B-29  Male - Rigid	11343 B-29  Male - Swivel	11L43 B-30  Male - Swivel 90° Elbow	10243 B-30  Female - Rigid	1S243 B-30  Female - Swivel
10743 B-31  Female - Swivel		10543 B-31  Male - Rigid	10G43 B-31  Male - Swivel	10L43 B-32  Male - Swivel 90° Elbow	
10343 B-32  Male - Rigid	1LB43 B-33  Male - Bulkhead	10643 B-33  Female - Swivel	13743 B-34  Female - Swivel 45° Elbow - Short	1L743 B-34  Female - Swivel 45° Elbow - Medium	13943 B-35  Female - Swivel 90° Elbow - Short
1L943 B-35  Female - Swivel 90° Elbow - Medium	14143 B-36  Female - Swivel 90° Elbow - Long	14V43 B-36  Female - Swivel 150° Elbow		10443 B-36  Male - Rigid	10843 B-36  Female - Swivel
17743 B-37  Female - Swivel 45° Elbow	17943 B-37  Female - Swivel 90° Elbow		11143 B-37  Male - Rigid	11243 B-38  Female - Swivel	1GJ43 B-38  Female - Rigid
	12843 B-38  Male - Swivel	16743 B-39  Male - Swivel 45° Elbow	16943 B-39  Male - Swivel 90° Elbow		11543 B-39  Flange Head
11643 B-40  22-1/2° Elbow	12643 B-40  30° Elbow	11743 B-40  45° Elbow	12743 B-41  60° Elbow	11843 B-41  6 -1/2° Elbow	11943 B-41  90° Elbow
	16A43 B-42  Flange Head	16F43 B-42  45° Elbow	16N43 B-42  90° Elbow		1J043 B-43  Male - Rigid w/O-Ring

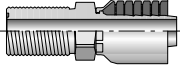
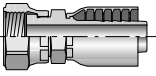
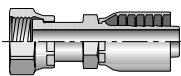
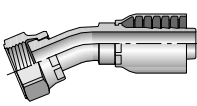
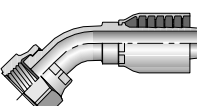
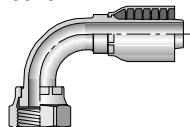
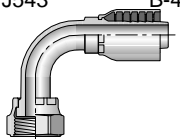
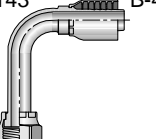

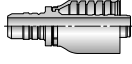
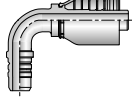
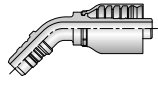
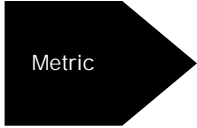
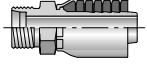
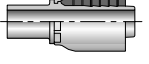
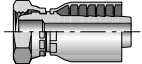
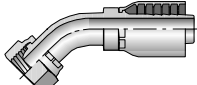
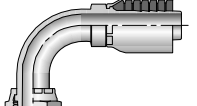
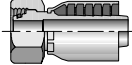
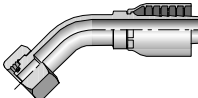
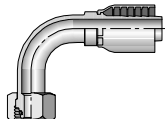

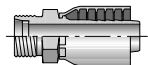
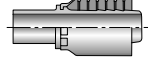
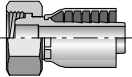
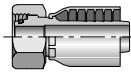
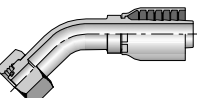
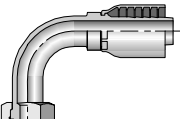

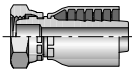

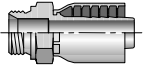
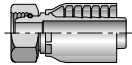
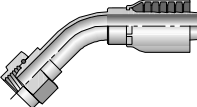
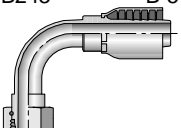
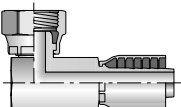
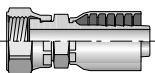

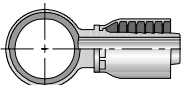
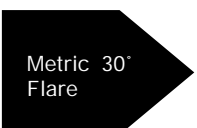
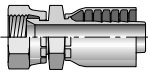
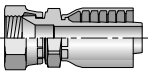

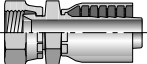
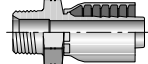


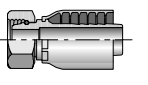
A

B

C

D

E

1JB43 B-43  Male - Bulkhead w/O-Ring	1JC43 B-44  Female - Swivel Short	1JS43 B-45  Female - Swivel Long	1J643 B-45  Female - Swivel 22-1/2° Elbow	1J743 B-46  Female - Swivel 45° Elbow	1J943 B-47  Female - Swivel 90° Elbow - Short
1J543 B-47  Female - Swivel 90° Elbow - Medium	1J143 B-48  Female - Swivel 90° Elbow - Long	UPTC 	1EN43 B-50  Male	1ET43 B-50  Male 90° Elbow	1EU43 B-50  Male 45° Elbow
Metric 	1D043 B-51  Male - Rigid	11D43 B-51  Male Standpipe Rigid	1C343 B-52  Female - Swivel	1C443 B-52  Female - Swivel 45° Elbow	1C543 B-52  Female - Swivel 90° Elbow
1CA43 B-53  Female - Swivel	1CE43 B-53  Female - Swivel 45° Elbow	1CF43 B-53  Female - Swivel 90° Elbow	DIN S Series DIN S /O-Ring 	1D243 B-54  Male - Rigid	13D43 B-54  Male Standpipe Rigid
1C643 B-54  Female - Swivel	1C943 B-55  Female - Swivel	10C43 B-55  Female - Swivel 45° Elbow	11C43 B-56  Female - Swivel 90° Elbow	DIN 0° Cone 	1C043 B-55  Female - Swivel
BSP 	1D943 B-56  Male - Rigid	19243 B-56  Female - Swivel	1B143 B-57  Female - Swivel 45° Elbow	1B243 B-57  Female - Swivel 90° Elbow	1B443 B-57  Female - Swivel 90° Elbow - Block Type
1B543 B-58  Female - Swivel Flat Seat	Ban o 	14943 B-58  Metric Ban o	Metric 30° Flare 	1MU43 B-59  Female - Swivel	1XU43 B-59  Female - Swivel
BSP 	1FU43 B-59  Female - Swivel	1UT43 B-60  Male - Rigid	1GU43 B-60  Female - Swivel	Frenc a 	1F443 B-60  Female - Swivel

A

B

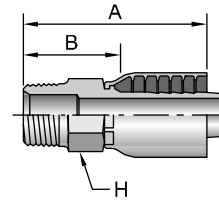
C

D

E

e F i e i g i

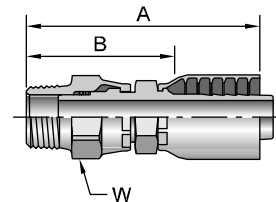
# rt er	re inch	se inch	inch		inch		mm		iti n teri St in ess Stee
			inch	mm	inch	mm	inch	mm	
10143-2-4	1/8x27	1/4	1.80	46	9/16	1.05	27		
10143-4-4	1/4x18	1/4	2.01	51	9/16	1.26	32	•	
10143-4-5	1/4x18	5/16	1.94	49	11/16	1.19	30		
10143-4-6	1/4x18	3/8	2.28	58	3/4	1.25	32		
10143-6-4	3/8x18	1/4	1.86	47	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.

e F i e S i e

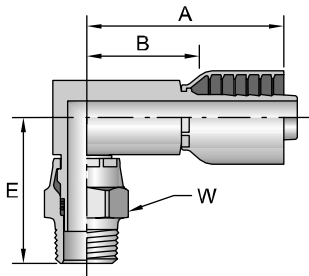
# rt er	re inch	se inch	inch		inch		mm	
			inch	mm	inch	mm	inch	mm
11343-2-4	1/8x27	1/4	2.94	75	5/8	2.19	56	
11343-4-4	1/4x18	1/4	2.68	68	5/8	1.93	49	
11343-4-6	1/4x18	3/8	3.01	76	5/8	1.98	50	
11343-6-4	3/8x18	1/4	2.81	71	3/4	2.06	52	
11343-6-6	3/8x18	3/8	3.08	78	3/4	2.05	52	
11343-6-8	3/8x18	1/2	3.30	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.

e F i e S i e



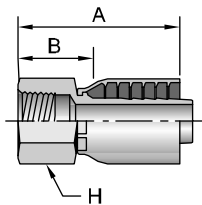
# rt er	re inch	se inch							
			inch	mm	inch	mm	inch	inch	mm
11L43-4-4	1/4x18	1/4	2.23	57	1.79	45	5/8	1.48	38
11L43-4-6	1/4x18	3/8	2.53	64	1.85	47	5/8	1.50	38
11L43-6-6	3/8x18	3/8	2.53	64	1.94	49	3/4	1.50	38
11L43-8-6	1/2x14	3/8	2.66	68	2.17	55	7/8	1.63	41
11L43-8-8	1/2x14	1/2	2.96	75	2.17	55	7/8	1.70	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.

2

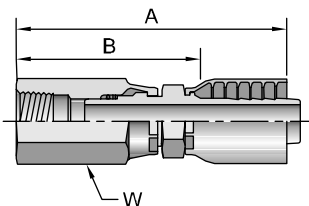
Fe e F i e i g i



# rt er	re inch	se inch							
			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		

S2

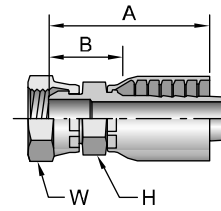
Fe e F i e S i e



# rt er	re inch	se inch							
			inch	mm	inch	inch	mm		
1S243-4-4	1/4x18	1/4	3.33	85	3/4	2.58	66		

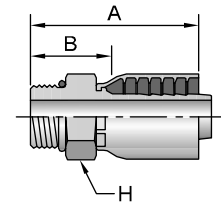
Series 6

# Part	Rear		Seal inch	Body		Hex		Hex	
	Thread inch	Length inch		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



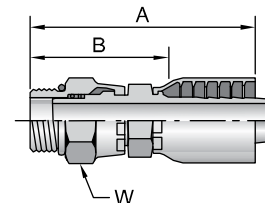
Series Straight Fitting

# Part	Rear		Seal inch	Body		Hex		Hex	
	Thread inch	Length 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	



Series Straight Fitting

# Part	Rear		Seal inch	Body		Hex		Hex	
	Thread inch	Length 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	

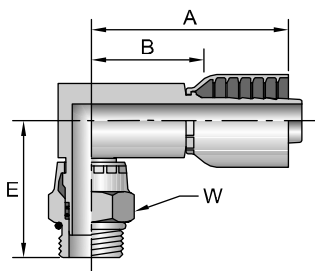


O-Ring not compatible with Phosphate Ester fluids.

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



e S t r i g t r e i t i n g S i e



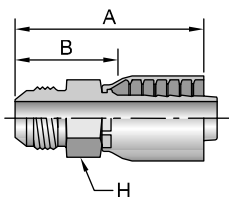
#	re		se			se				
	inch	mm		inch	mm	inch	mm			
10L43-6-6	3/8	9/16x18	3/8	2.53	64	2.10	53	3/4	1.50	38
10L43-8-6	1/2	3/4x16	3/8	2.66	68	1.86	47	7/8	1.63	41
10L43-8-8	1/2	3/4x16	1/2	2.96	75	1.87	47	7/8	1.70	43
10L43-10-8	5/8	7/8x14	1/2	2.96	75	1.92	49	1	1.70	43
10L43-12-12	3/4	1-1/16x12	3/4	3.22	82	2.30	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.

e i g i
ISO 12151-5

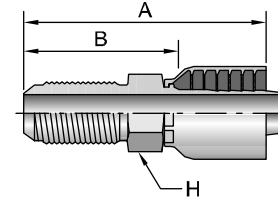


#	re		se			se			
	inch	mm		inch	mm	inch	mm		
10343-4-4	1/4	7/16x20	1/4	1.99	51	9/16	1.24	31	
10343-5-4	5/16	1/2x20	1/4	1.83	46	9/16	1.08	27	
10343-5-6	5/16	1/2x20	3/8	2.26	57	3/4	1.23	31	
10343-6-4	3/8	9/16x18	1/4	1.84	47	11/16	1.09	28	
10343-6-6	3/8	9/16x18	3/8	2.36	60	3/4	1.33	34	
10343-8-6	1/2	3/4x16	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	

e i t n t
ISO 12151-5

# rt er	re inch		se inch	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

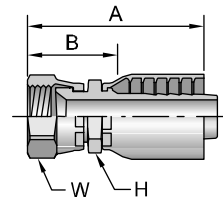
Fittings are stocked less locknut (part no. WLN). Locknuts are manufactured by the Parker Tube Fittings Division and must be ordered separately.



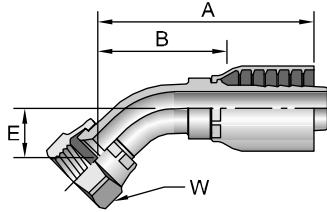
6
Fe e S i e
ISO 12151-5

# rt er	re inch		se inch	inch mm		inch mm		inch mm		iti n teri St in ess Stee
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.



A

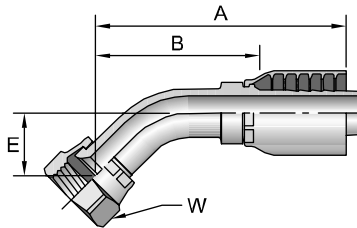


Female Size Straight
ISO 12151-5

# Order	Hex		Bore inch	Hex		Hex		Hex		
	inch	mm		inch	mm	inch	mm	inch	mm	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

B

C



Female Size Straight
ISO 12151-5

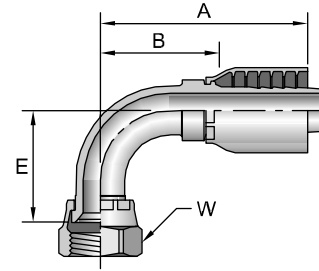
# Order	Hex		Bore inch	Hex		Hex		Hex		
	inch	mm		inch	mm	inch	mm	inch	mm	mm
1L743-6-6	3/8	9/16x18	3/8	2.66	62	0.59	15	11/16	1.63	41
1L743-8-8	1/2	3/4x16	1/2	3.17	80	0.72	18	7/8	1.91	49
1L743-12-12	3/4	1-1/16x12	3/4	4.23	107	1.06	27	1-1/4	2.79	71
1L743-16-16	1	1-5/16x12	1	4.51	115	1.07	27	1-1/2	2.89	73

D

E

Female Size Strter
ISO 12151-5

#	re		se	inch		mm		inch		
	rt	er		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



A

B

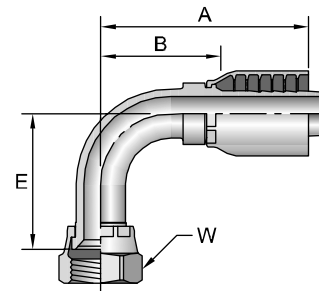
C

D

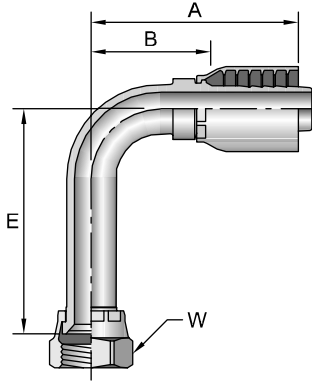
E

Female Size Strter
ISO 12151-5

#	re		se	inch		mm		inch		
	rt	er		inch	mm	inch	mm	inch	inch	mm
1L943-4-4	1/4	7/16x20	1/4	1.84	47	1.26	32	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	1.50	38	11/16	1.26	32
1L943-8-6	1/2	3/4x16	3/8	2.51	64	1.61	41	7/8	1.48	38
1L943-8-8	1/2	3/4x16	1/2	2.64	67	1.61	41	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



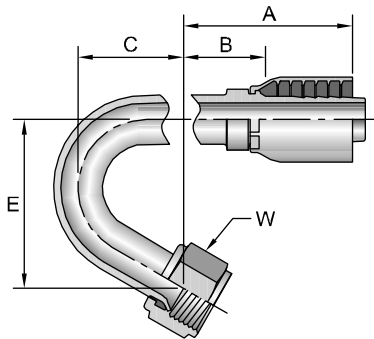
A



Female Size Range
ISO 12151-5

# Order	Female inch		Seal inch	Male inch		Male mm		Hex inch			Hex mm		
	1/2	3/4		1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4
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			

B

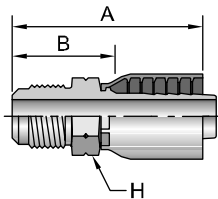


Female Size Range
ISO 12151-5

# Order	Female inch		Seal inch	Male inch		Male mm		Hex inch			Hex mm		
	1/2	3/4		1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4
14V43-6-4	3/8	9/16x18	1/4	2.89	73	1.36	11/16	1.97	50	11/16	2.16	55	

C

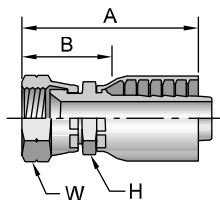
Female Size Range



# Order	Female inch		Seal inch	Male inch		Male mm		Hex inch			Hex mm		
	1/2	3/4		1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4
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					

D

Female Size Range



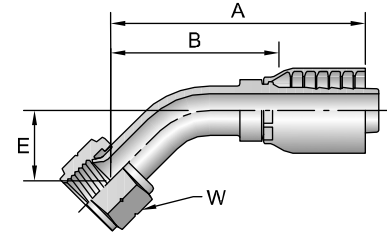
# Order	Female inch		Seal inch	Male inch		Male mm		Hex inch			Hex mm		
	1/2	3/4		1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4
10843-6-4	3/8	5/8x18	1/4	2.11	54	3/4	1.36	35					
10843-6-6	3/8	5/8x18	3/8	2.38	60	3/4	1.35	34					
10843-12-12	3/4	1-1/16x14	3/4	3.17	81	1-1/16	1.73	44					

E

Notch on nut signifies SAE 45 flare.

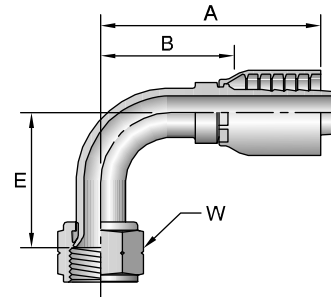
Ferrule Size

# Part Number	Ferrule Size inch		Seal inch	Hose ID inch		Hose OD mm		Hose ID inch		Hose OD mm
	inch	mm		inch	mm	inch	mm			
17743-4-6	1/4	7/16x20	3/8	2.28	58	0.33	8	9/16	1.25	32



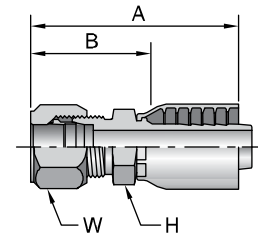
Ferrule Size

# Part Number	Ferrule Size inch		Seal inch	Hose ID inch		Hose OD mm		Hose ID inch		Hose OD mm
	inch	mm		inch	mm	inch	mm			
17943-6-6	3/8	5/8x18	3/8	2.13	54	0.85	22	3/4	1.13	29



Female Ferrule Size

# Part Number	Ferrule Size inch		Seal inch	Hose ID inch		Hose OD mm		Hose ID inch		Hose OD mm
	inch	mm		inch	mm	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	



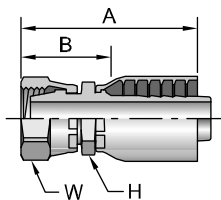
The Parker Ferrule-Fix fitting makes it possible to salvage the bent tube section from a hose assembly for quick, easy on-the-job repairs. For additional information see Ferrule-Fix installation instructions in the Technical Section.

Notch on nut signifies SAE 45° flare.



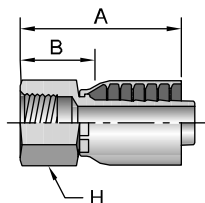
11243

Female Ferulok Flareless - Swivel - (24° Cone)



# Part Number	Thread		Hose I.D. inch	A		H inch	W inch	B	
	inch			inch	mm			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

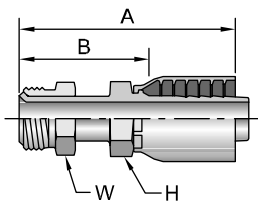
Female Grease Connection - SPL - PTF Taper Thread Rigid - 1/2 27



# Part Number	Thread		Hose I.D. inch	A		H inch	B	
	inch			inch	mm		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

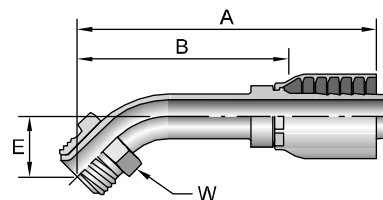


# Part Number	Thread		Hose I.D. inch	A		H inch	W inch	B	
	inch			inch	mm			inch	mm
12843-4-4	1/4	7/16x24	1/4	2.32	59	9/16	7/16	1.57	40
12843-4-6	1/4	7/16x24	3/8	2.65	67	11/16	7/16	1.62	41
12843-5-4	5/16	1/2x20	1/4	2.60	66	9/16	1/2	1.85	47
12843-5-6	5/16	1/2x20	3/8	2.74	70	11/16	1/2	1.71	43
12843-6-6	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

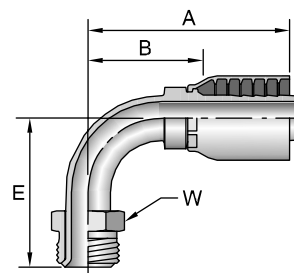
# Part Number	Thread		Hose I.D. inch	A		E		W inch	B	
	inch	mm		inch	mm	inch	mm		inch	mm
16743-4-4	1/4	7/16x24	1/4	2.09	53	0.63	16	7/16	1.34	34
16743-4-6	1/4	7/16x24	3/8	2.42	61	0.63	16	7/16	1.39	35
16743-5-4	5/16	1/2x20	1/4	2.34	59	0.70	18	1/2	1.59	40
16743-5-6	5/16	1/2x20	3/8	2.48	63	0.70	18	1/2	1.45	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

# Part Number	Thread		Hose I.D. inch	A		E		W inch	B	
	inch	mm		inch	mm	inch	mm		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

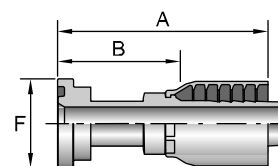


11543

SAE Code 61 Flange Head

ISO 12151-3 - S - L

# Part Number	Flange inch	Hose I.D. inch	A		F inch	B	
			inch	mm		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

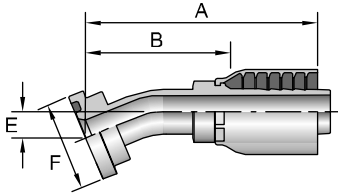


See Accessories Section for O-Rings and Flange Kits.

11643

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

ISO 12151-3 - E22M - L

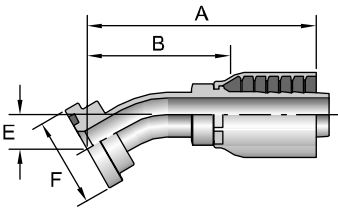


# Part Number	Flange inch	Hose I.D. inch	A		E		F inch	B	
			inch	mm	inch	mm		inch	mm
11643-12-12	3/4	3/4	3.90	99	0.44	11	1-1/2	2.47	63
11643-16-12	1	3/4	3.89	99	0.44	11	1-3/4	2.46	62
11643-16-16	1	1	4.25	108	0.44	11	1-3/4	2.66	68
11643-20-16	1-1/4	1	4.25	108	0.44	11	2	2.66	68
11643-20-20	1-1/4	1-1/4	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)

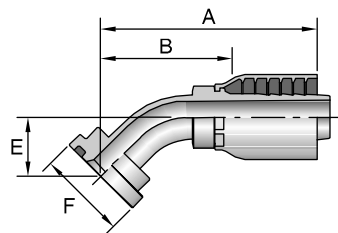


# Part Number	Flange inch	Hose I.D. inch	A		E		F inch	B	
			inch	mm	inch	mm		inch	mm
12643-12-12	3/4	3/4	3.90	99	0.59	15	1-1/2	2.46	62
12643-16-16	1	1	4.38	111	0.62	16	1-3/4	2.76	70
12643-20-16	1-1/4	1	4.38	111	0.62	16	2	2.76	70
12643-20-20	1-1/4	1-1/4	4.39	112	0.72	18	2	2.70	69

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 inch	B	
			inch	mm	inch	mm		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
11743-24-20	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

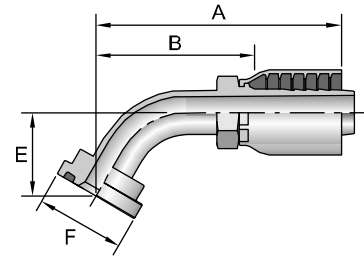
See Accessories Section for O-Rings and Flange Kits.

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 inch	B	
			inch	mm	inch	mm		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

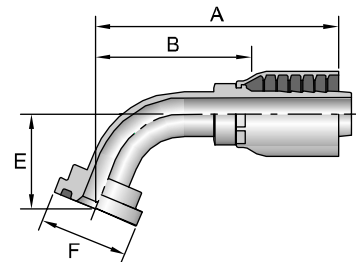


11843

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 inch	B	
			inch	mm	inch	mm		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

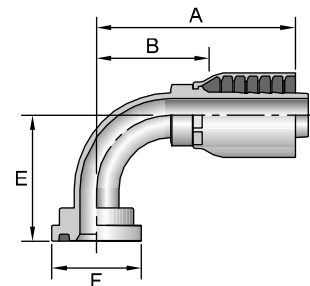


11943

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 inch	B	
			inch	mm	inch	mm		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

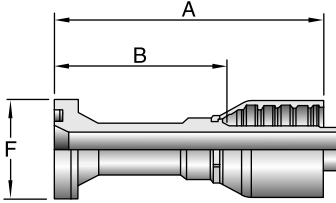


See Accessories Section for O-Rings and Flange Kits.

16A43

SAE Code 62 Flange Head

ISO 12151-3 - S - S

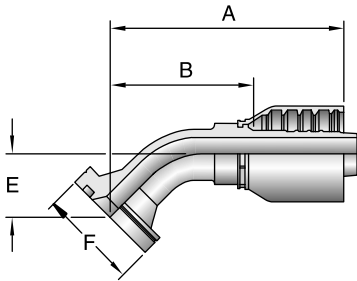


# Part Number	Flange inch	Hose I.D. inch	A		B		F
			inch	mm	inch	mm	inch
16A43-12-12	3/4	3/4	4.12	104,6	2.68	68,0	1-5/8
16A43-16-12	1	3/4	3.10	78,7	1.66	42,2	1-7/8
16A43-16-16	1	1	4.81	122,2	3.19	81,0	1-7/8
16A43-20-16	1-1/4	1	3.61	91,7	1.99	50,5	2-1/8
16A43-20-20	1-1/4	1-1/4	5.01	127,3	3.32	84,3	2-1/8

16F43

SAE Code 62 Flange Head

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

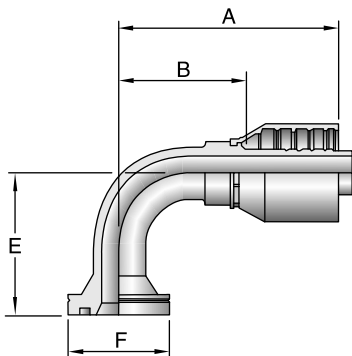


# Part Number	Flange inch	Hose I.D. inch	A		B		F	E	
			inch	mm	inch	mm	inch	inch	mm
16F43-12-12	3/4	3/4	3.82	97,0	2.38	60,5	1-5/8	1.02	25,9
16F43-16-16	1	1	4.66	118,4	3.04	77,2	1-7/8	1.26	32,0
16F43-20-16	1-1/4	1	4.57	116,1	2.95	74,9	2-1/8	1.06	26,9

16N43

SAE Code 62 Flange Head

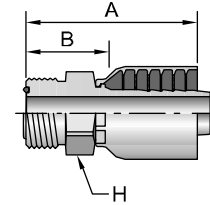
ISO 12151-3 - E90S - S (1 Piece 12151-3-E90M-S)



# Part Number	Flange inch	Hose I.D. inch	A		B		F	E	
			inch	mm	inch	mm	inch	inch	mm
16N43-12-12	3/4	3/4	3.51	89,2	2.07	52,6	1-5/8	2.28	57,9
16N43-16-12	1	3/4	3.49	88,6	2.05	52,1	1-7/8	2.28	57,9
16N43-16-16	1	1	4.28	108,7	2.66	67,6	1-7/8	2.76	70,1
16N43-20-16	1-1/4	1	4.28	108,7	2.66	67,6	2-1/8	2.76	70,1
16N43-20-20	1-1/4	1-1/4	5.09	129,3	3.40	86,4	2-1/8	3.54	90,0

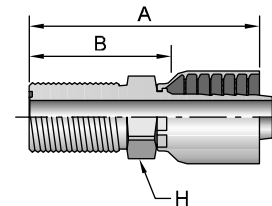
Seal-Lok®
ISO 12151-1 - S

# Part Number	Hose End		Seal End inch	Hose ID		Hose OD		
	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



Seal-Lok®
End Connection per ISO 8434-3-BH

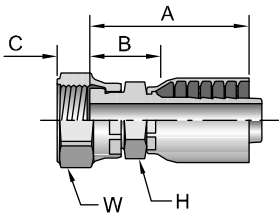
# Part Number	Hose End		Seal End inch	Hose ID		Hose OD		
	inch	inch		inch	mm	inch	inch	mm
1JB43-4-4	1/4	9/16x18	1/4	2.58	66	5/8	1.83	46
1JB43-6-6	3/8	11/16x16	3/8	2.98	76	3/4	1.95	50
1JB43-8-6	1/2	13/16x16	3/8	3.41	87	7/8	2.38	60
1JB43-8-8	1/2	13/16x16	1/2	3.36	85	7/8	2.10	53
1JB43-10-8	5/8	1x14	1/2	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. WLNL). Locknuts are manufactured by the Parker Tube Fittings Division and must be ordered separately.

See Accessories Section for O-Rings and Flange Kits.

Female Series
ISO 12151-1 - SWSA



# Part	Wire inch		Seal inch	Hex inch		Hex mm		inch	inch	inch	mm	Material Stainless Steel
	inch	mm		inch	mm	inch	mm					
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	•

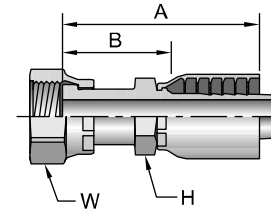
When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.
Stainless steel fittings must be assembled with Karrykrimp 2, PHastkrimp, Superkrimp or Parkrimp 2.
See CrimpSource for more information.

See Accessories Section for O-Rings.

S

Female Straight
ISO 12151-1 SWSB

#	Hose		Seal	Hose		Hose		Hose	
	Size	Length		Size	Length	Size	Length	Size	Length
Part #	in	mm	in	mm	in	mm	in	mm	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



A

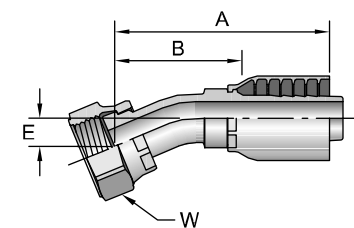
B

C

6

Female Straight
End Connection per ISO 8434-3-SWE

#	Hose		Seal	Hose		Hose		Hose		
	Size	Length		Size	Length	Size	Length	Size	Length	
Part #	in	mm	in	mm	in	mm	in	mm	mm	
1J643-8-8	1/2	13/16x16	1/2	3.06	78	0.39	10	15/16	1.80	46

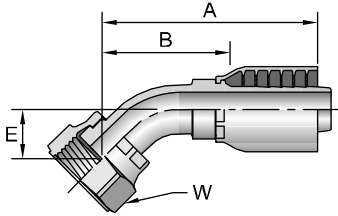


D

E

See Accessories Section for O-Rings.

Female Series
ISO 12151-1 - SWE45

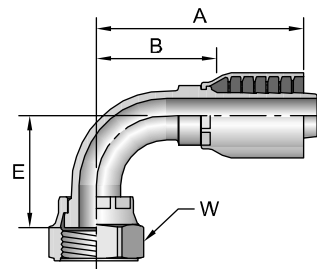


# Part Number	Hex inch		Seal inch	Hex inch		Hex mm		Hex inch		Hex mm
	inch	mm		inch	mm	inch	mm			
1J743-4-4	1/4	9/16x18	1/4	1.97	50	0.39	10	11/16	1.22	31
1J743-4-4-SM	1/4	9/16x18	1/4	1.97	50	0.39	10	17 mm	1.22	31
1J743-4-6	1/4	9/16x18	3/8	2.23	57	0.39	10	11/16	1.20	30
1J743-6-4	3/8	11/16x16	1/4	2.08	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.

Female Series Strter
ISO 12151-1 - SWES90

# Order	Hose		Seal inch	Hose		Hose		Hex		
	inch	mm		inch	mm	inch	mm	inch	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



A

B

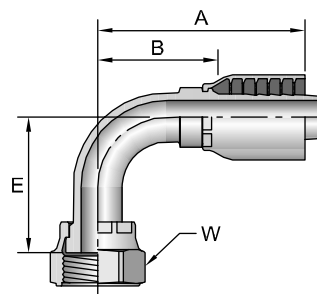
C

D

E

Female Series Strter
ISO 12151-1 - SWEM90

# Order	Hose		Seal inch	Hose		Hose		Hex		
	inch	mm		inch	mm	inch	mm	inch	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

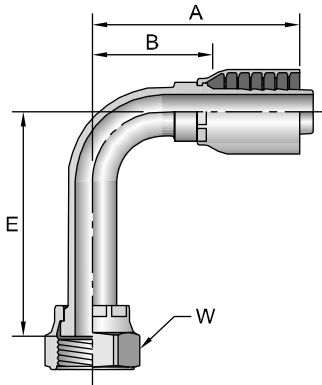


See Accessories Section for O-Rings.

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	inch		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

A

B

C

D

E

Universal Push-to-Connect (UPTC) Introduction

Traditionally, the fluid power industry has used threaded connectors to make a leak free connection. The speed of making connections is slow and the reliability of the connection is dependent on proper assembly procedures. Parker's UPTC connectors rely on a mechanical retaining mechanism (other than threads) to create a seal.

Tools are not required for assembly, and the reliability and speed of making connections with the UPTC design is greatly improved compared to traditional threaded connections.

Design and Construction

UPTC Seal-Lok consists of a base Seal-Lok ORFS fitting, a UPTC nut (including internal sealing and retaining elements), a dust O-Ring, and a UPTC hose assembly or rigid tube, as shown in figure 1. The base ORFS fitting is a highly reliable and widely available off-the-shelf standard SAE J1453 adapter. The sealing O-Ring is supported by a pressure energized anti-extrusion ring that prevents O-Ring extrusion and ensures tight sealing even under high pressure.

Once fully engaged, the retaining element is positively trapped between the male and UPTC nut. The dust O-Ring keeps contamination out and serves as a full engagement visual indicator. A clear tactile feeling at the end of the push indicates a proper connection. Once a proper connection is made, the dust O-Ring is covered by the UPTC nut. This also serves as a positive visual indicator of full engagement for easy inspection and quality control.

Once connected, the UPTC nut is permanently attached to the UPTC hose end similar to a traditional swivel nut. To disconnect, just use a wrench to unscrew the UPTC nut from the base adapter. Re-connect is possible by tightening the UPTC nut back to the base adapter, if the connection is not damaged. If the hose or tube is damaged, they can be replaced by installing a new UPTC assembly or a readily available standard Seal-Lok ORFS hose or tube assembly.

Features

- Available in sizes 1/4", 3/8", 1/2", 5/8", and 3/4"
- Uses standard Seal-Lok adapters for a wide variety of configurations, as well as excellent field serviceability
- Meets or exceeds SAE 100R2 pressure ratings (see Fig. 2)
- Includes visual and tactile installation indicators
- Seal-aligning nipple eliminates hose twist during assembly
- No special tooling required for disassembly
- Uses elastomeric seals, including Parker's patented Trap-Seal



Fig. 1a

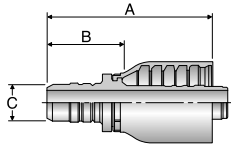
Fig. 1b

Fig. 1a This is a Tube Fittings Division part. Information can be found in Catalog 4300.

PTC Pressure Ratings

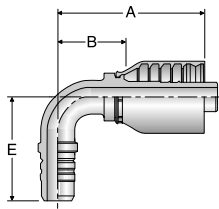
Size	Pressure (psi)	Pressure (Bar)
-4	5800	400
-6	5000	345
-8	4250	293
-10	4000	276
-12	3125	216

1EN43 PTC Male



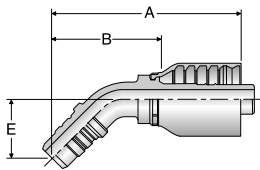
Part Number	Hose End Size inch	A inch	B inch	inch	C Nominal Connection Size mm
1EN43-8-4	1/4	1.83	1.08	0.31	8
1EN43-12-6	3/8	2.15	1.12	0.47	12
1EN43-15-8	1/2	2.51	1.25	0.59	15
1EN43-18-10	5/8	2.78	1.34	0.71	18
1EN43-22-12	3/4	2.81	1.37	0.87	22

1ET43 PTC Male 90° Elbow



Part Number	Hose End Size inch	A inch	B inch	inch	C Nominal Connection Size mm	E inch
1ET43-8-4	1/4	1.78	1.03	0.31	8	1.54
1ET43-12-6	3/8	2.21	1.18	0.47	12	1.54
1ET43-15-8	1/2	2.51	1.25	0.59	15	1.77
1ET43-18-10	5/8	2.97	1.53	0.71	18	2.24
1ET43-22-12	3/4	3.43	1.99	0.87	22	2.50

1E 43 PTC Male 45° Elbow



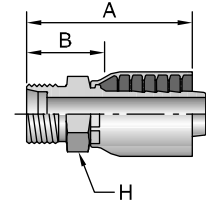
Part Number	Hose End Size inch	A inch	B inch	inch	C Nominal Connection Size mm	E inch
1EU43-8-4	1/4	2.48	1.73	0.31	8	0.91
1EU43-12-6	3/8	2.83	1.80	0.47	12	0.91
1EU43-15-8	1/2	3.17	1.91	0.59	15	0.99
1EU43-18-10	5/8	3.68	2.24	0.71	18	1.26
1EU43-22-12	3/4	3.76	2.32	0.87	22	1.30

1D043

Male Metric L - Rigid - (24° Cone)

ISO 12151-2

# 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
1D043-12-5	12	M18x1,5	5/16	1.89	48	19	0.94	24
1D043-12-6	12	M18x1,5	3/8	1.97	50	19	0.83	21
1D043-15-6	15	M22x1,5	3/8	1.93	49	22	1.02	26
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
1D043-35-20	35	M45x2	1-1/4	3.35	85	46	1.50	38

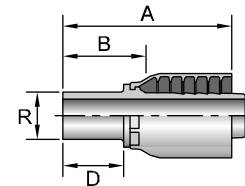


11D43

Male Standpipe Metric L - Rigid

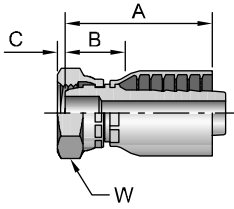
End Connection per ISO 8434-1-SDS

# Part Number	R mm	Hose I.D. inch	A		D		B	
			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
11D43-12-4	12	1/4	2.17	55	0.91	23	1.22	31
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



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

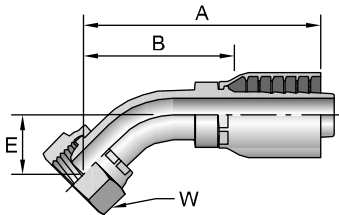
1C343 Female Metric L - Swivel - (Ball Nose)



# Part Number	Thread		Hose I.D. inch	A		C		W mm	B	
	mm	mm		inch	mm	inch	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
1C343-15-6	6	M22x1,5	3/8	1.85	47	0.16	4	27	0.71	18
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

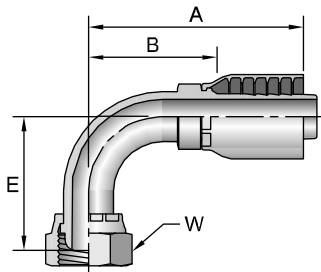
When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.

1C443 Female Metric L - Swivel - 45° Elbow - (Ball Nose)



# Part Number	Thread		Hose I.D. inch	A		E		W mm	B	
	mm	mm		inch	mm	inch	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

1C543 Female Metric L - Swivel - 90° Elbow - (Ball Nose)



# Part Number	Thread		Hose I.D. inch	A		E		W mm	B	
	mm	mm		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

Metric L: Mates with EO L" Series Fittings.

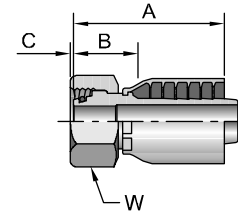
1CA43

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		inch	mm
1CA43-6-4	6	M12x1,5	1/4	1.73	44	-0.02	14	0.88	22
1CA43-8-4	8	M14x1,5	1/4	1.73	44	-0.01	17	0.88	22
1CA43-8-5	8	M14x1,5	5/16	1.97	50	0.00	17	1.02	26
1CA43-10-4	10	M16x1,5	1/4	1.81	46	0.04	19	0.87	22
1CA43-10-5	10	M16x1,5	5/16	1.81	46	0.04	19	0.87	22
1CA43-12-5	12	M18x1,5	5/16	1.81	46	0.04	22	0.91	23
1CA43-12-6	12	M18x1,5	3/8	1.89	48	0.03	22	0.75	19
1CA43-15-8	15	M22x1,5	1/2	2.20	56	0.07	27	0.82	21
1CA43-18-10	18	M26x1,5	5/8	2.44	62	0.02	32	0.87	22
1CA43-18-12	18	M26x1,5	3/4	2.56	65	0.02	32	1.02	26
1CA43-22-12	22	M30x2	3/4	2.48	63	0.13	36	0.94	24
1CA43-28-16	28	M36x2	1	3.07	78	0.14	41	1.30	33
1CA43-35-20	35	M45x2	1-1/4	3.23	82	0.00	50	1.38	35

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

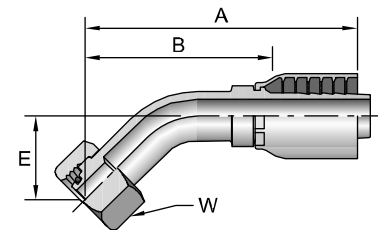


1CE43

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
1CE43-6-4	6	M12x1,5	1/4	2.68	68	0.75	19	1.77	45
1CE43-8-4	8	M14x1,5	1/4	2.32	59	0.63	16	1.38	35
1CE43-10-5	10	M16x1,5	5/16	2.64	67	0.59	15	1.69	43
1CE43-10-6	10	M16x1,5	3/8	2.95	75	0.75	19	1.85	47
1CE43-12-6	12	M18x1,5	3/8	2.72	69	0.75	19	1.53	39
1CE43-15-8	15	M22x1,5	1/2	3.19	81	0.87	22	1.81	46
1CE43-18-10	18	M26x1,5	5/8	3.50	89	0.91	23	1.93	49
1CE43-22-12	22	M30x2	3/4	3.86	98	1.02	26	2.28	58

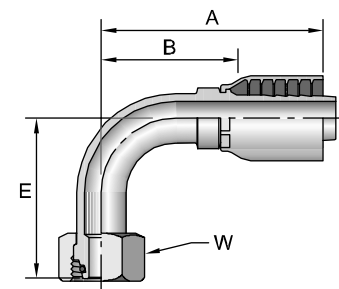


1CF43

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

ISO 12151-2 - SWE

# Part Number	Thread mm	Hose I.D. inch	A		E		W mm	B	
			inch	mm	inch	mm		inch	mm
1CF43-8-4	8	M14x1,5	1/4	2.01	51	1.14	29	1.10	28
1CF43-10-5	10	M16x1,5	5/16	2.40	61	1.16	29	1.46	37
1CF43-10-6	10	M16x1,5	3/8	2.56	65	1.38	35	1.46	37
1CF43-12-5	12	M18x1,5	5/16	2.40	61	1.18	30	1.46	37
1CF43-12-6	12	M18x1,5	3/8	2.52	64	1.42	36	2.2	35
1CF43-15-8	15	M22x1,5	1/2	2.80	71	1.69	43	2.7	37
1CF43-18-10	18	M26x1,5	5/8	3.17	81	1.77	45	3.2	41
1CF43-22-12	22	M30x2	3/4	3.50	89	2.17	55	3.6	49
1CF43-35-20	35	M45x2	1-1/4	5.12	130	3.11	79	5.0	83

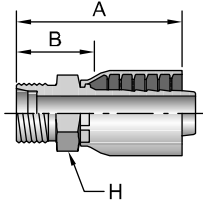


Metric L: Mates with EO L^r Series Fittings.

1D243

Male Metric S - Rigid - (24° Cone)

ISO 12151-2

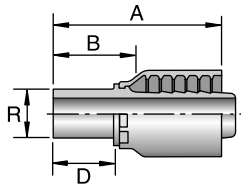


# Part Number	Thread		Hose I.D. inch	A		H mm	B	
	mm	mm		inch	mm		inch	mm
1D243-8-4	8	M16x1,5	1/4	1.73	44	17	0.87	22
1D243-10-4	10	M18x1,5	1/4	1.73	44	19	0.87	22
1D243-12-5	12	M20x1,5	5/16	2.20	56	22	1.29	33
1D243-12-6	12	M20x1,5	3/8	1.97	50	22	1.02	26
1D243-14-6	14	M22x1,5	3/8	2.17	55	22	0.98	25
1D243-16-8	16	M24x1,5	1/2	2.36	60	24	1.17	30
1D243-20-10	20	M30x2	5/8	2.95	75	30	1.44	37
1D243-25-12	25	M36x2	3/4	2.87	73	36	1.30	33
1D243-30-16	30	M42x2	1	3.39	86	46	1.54	39

13D43

Male Standpipe Metric S - Rigid

End Connection per ISO 8434-1-SDS

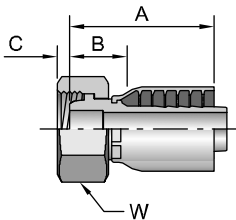


# Part Number	R mm	Hose I.D. inch	A		D		B	
			inch	mm	inch	mm	inch	mm
13D43-10-4	10	1/4	2.13	54	1.02	26	1.26	32
13D43-12-5	12	5/16	2.52	64	1.02	26	1.61	41
13D43-14-6	14	3/8	2.52	64	1.14	29	1.38	35
13D43-16-8	16	1/2	2.68	68	1.18	30	1.42	36
13D43-20-10	20	5/8	3.39	86	1.42	36	1.88	48
13D43-20-12	20	3/4	3.19	81	1.42	36	1.57	40
13D43-25-12	25	3/4	3.35	85	1.57	40	1.73	44
13D43-30-16	30	1	3.82	97	1.73	44	2.01	51

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.

1C643

Female Metric S - Swivel - (Ball Nose)



# Part Number	Thread		Hose I.D. inch	A		C		W mm	B	
	mm	mm		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	1.03	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

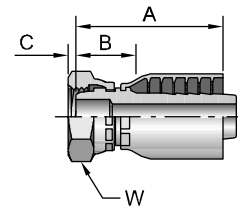
Metric L: Mates with EO L" Series Fittings.

Metric S: Mates with EO S" Series Fittings.

1C043

Female Metric - Swivel - (Ball Nose)

# Part Number	Thread		Hose I.D. inch	A		C		W mm	B	
	mm	mm		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

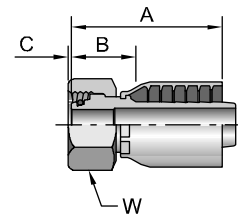


1C943

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

ISO 12151-2 - SWS

# Part Number	Thread		Hose I.D. inch	A		C		W mm	B	
	mm	mm		inch	mm	inch	mm		inch	mm
1C943-6-4	6	M14x1,5	1/4	1.89	48	0.01	0	17	1.02	26
1C943-8-4	8	M16x1,5	1/4	1.77	45	0.01	0	19	0.91	23
1C943-10-4	10	M18x1,5	1/4	1.81	46	0.01	0	22	0.87	22
1C943-10-5	10	M18x1,5	5/16	1.85	47	0.01	0	22	0.87	22
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	1.89	48	0.03	1	24	0.94	24
1C943-12-6	12	M20x1,5	3/8	2.05	52	0.03	1	24	0.87	22
1C943-14-6	14	M22x1,5	3/8	1.97	50	0.03	1	27	0.83	21
1C943-16-8	16	M24x1,5	1/2	2.33	59	0.09	2	30	0.94	24
1C943-20-10	20	M30x2	5/8	2.59	66	0.05	1	36	1.06	27
1C943-20-12	20	M30x2	3/4	2.59	66	0.05	1	36	1.06	27
1C943-25-12	25	M36x2	3/4	2.67	68	0.10	3	46	1.10	28
1C943-25-16	25	M36x2	1	3.07	78	0.08	2	46	1.30	33
1C943-30-16	30	M42x2	1	3.03	77	0.19	5	50	1.26	32
1C943-38-20	38	M52x2	1-1/4	3.15	80	0.23	6	60	1.30	33

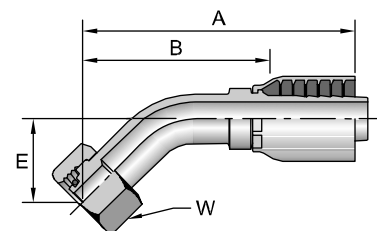


10C43

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

ISO 12151-2 - SWE45

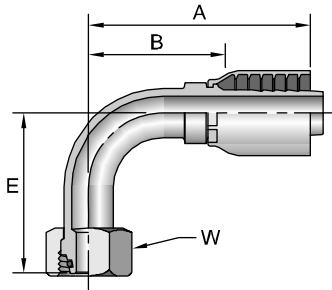
# Part Number	Thread		Hose I.D. inch	A		E		W mm	B	
	mm	mm		inch	mm	inch	mm		inch	mm
10C43-8-4	8	M16x1,5	1/4	2.32	59	0.63	16	19	1.38	35
10C43-12-5	12	M20x1,5	5/16	2.80	71	0.67	17	24	1.85	47
10C43-12-6	12	M20x1,5	3/8	2.72	69	0.79	20	24	1.57	40
10C43-16-8	16	M24x1,5	1/2	3.23	82	0.94	24	30	1.89	48
10C43-20-10	20	M30x2	5/8	3.58	91	0.98	25	36	2.05	52
10C43-20-12	20	M30x2	3/4	3.94	100	1.14	29	36	2.36	60
10C43-25-12	25	M36x2	3/4	3.97	101	1.18	30	46	2.40	61
10C43-30-16	30	M42x2	1	4.96	126	1.42	36	50	3.11	79
10C43-38-20	38	M52x2	1-1/4	5.59	142	1.50	38	60	3.74	95



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

11C43

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

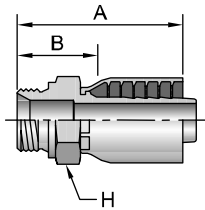


# Part Number	Thread		Hose I.D. inch	A		E		W mm	B	
	mm			inch	mm	inch	mm		inch	mm
11C43-8-4	8	M16x1,5	1/4	1.89	48	1.14	29	19	1.02	26
11C43-10-4	10	M18x1,5	1/4	1.97	50	1.14	29	22	1.02	26
11C43-12-5	12	M20x1,5	5/16	2.36	60	1.26	32	24	1.42	36
11C43-12-6	12	M20x1,5	3/8	2.56	65	1.46	37	24	1.38	35
11C43-14-6	14	M22x1,5	3/8	2.56	65	1.46	37	27	1.38	35
11C43-16-8	16	M24x1,5	1/2	2.83	72	1.77	45	30	1.46	37
11C43-20-10	20	M30x2	5/8	3.11	79	1.89	48	36	1.57	40
11C43-25-12	25	M36x2	3/4	3.50	89	2.32	59	46	1.93	49
11C43-30-16	30	M42x2	1	4.53	115	2.99	76	50	2.68	68
11C43-38-20	38	M52x2	1-1/4	5.12	130	3.15	80	60	3.27	83

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

1D943

Male BSP Parallel Pipe - Rigid - (60° Cone)
ISO 12151-6

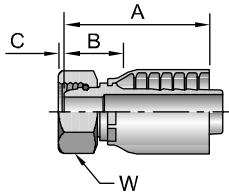


# Part Number	Thread inch	Hose I.D. inch	A		H mm	B	
			inch	mm		inch	mm
1D943-4-4	1/4x19	1/4	1.77	45	19	0.91	23
1D943-6-5	3/8x19	5/16	2.13	54	22	1.22	31
1D943-6-6	3/8x19	3/8	2.13	54	22	1.22	31
1D943-8-6	1/2x14	3/8	2.36	60	27	1.22	31
1D943-8-8	1/2x14	1/2	2.44	62	27	1.10	28
1D943-12-12	3/4x14	3/4	2.76	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.

19243

Female BSP Parallel Pipe - Swivel - (60° Cone)
ISO 12151-6



# Part Number	Thread inch	Hose I.D. inch	A		C		W mm	B	
			inch	mm	inch	mm		inch	mm
19243-2-4	1/8x28	1/4	1.61	41	0.20	5	14	0.67	17
19243-4-4	1/4x19	1/4	1.95	50	0.22	6	19	1.20	30
19243-6-4	3/8x19	1/4	1.73	44	0.26	7	22	0.79	20
19243-6-6	3/8x19	3/8	2.35	60	0.26	7	22	1.32	34
19243-6-8	3/8x19	1/2	2.17	55	0.26	7	22	0.79	20
19243-8-6	1/2x14	3/8	2.01	51	0.28	7	27	0.87	22
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
19243-20-20	1-1/4	1-1/4	3.11	79	0.41	11	50	1.26	32

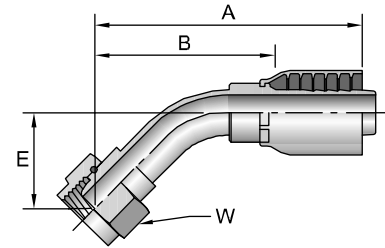
When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.

1B143

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

ISO 12151-6

# Part Number	Thread inch	Hose I.D. inch	A		E		W mm	B	
			inch	mm	inch	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

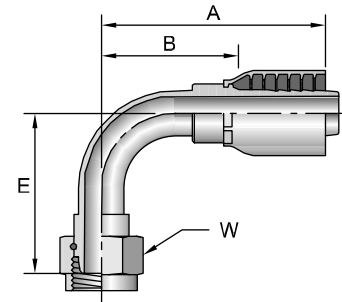


1B243

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

ISO 12151-6

# Part Number	Thread inch	Hose I.D. inch	A		E		W mm	B	
			inch	mm	inch	mm		inch	mm
1B243-2-4	1/8x28	1/4	1.97	50	1.10	28	14	1.02	26
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
1B243-8-6	1/2x14	3/8	2.60	66	1.38	35	27	1.46	37
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

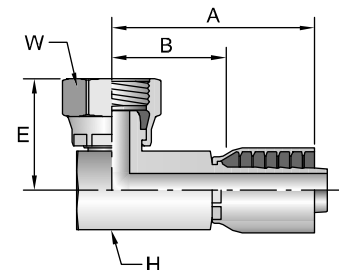


1B443

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



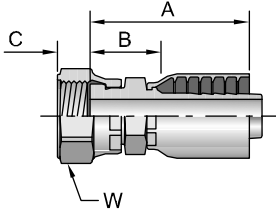
Metric S: Mates with EO S" Series Fittings.

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

1B543

Female BSP Parallel Pipe - Swivel - (Flat Seat)

ISO 228-1

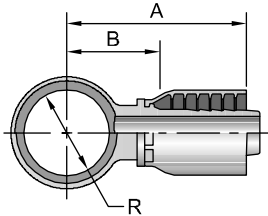


# Part Number	Thread inch	Hose I.D. inch	A inch mm		C inch mm		W mm	B inch mm	
1B543-6-6	3/8x19	3/8	1.93	49	0.35	9	22	0.79	20
1B543-8-6	1/2x14	3/8	1.89	48	0.43	11	27	0.75	19
1B543-8-8	1/2x14	1/2	2.28	58	0.43	11	27	0.94	24
1B543-12-12	3/4x14	3/4	2.28	58	0.33	8	32	0.94	24

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

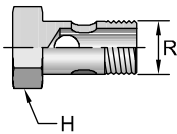
14943

DIN Metric Ban o



# Part Number	R mm	Hose I.D. inch	A inch mm		B inch mm	
14943-10-4	10		1.85	47	0.94	24
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 Ban o 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

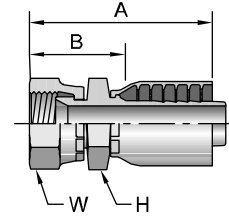
Two (2) copper washers per bolt must be ordered separately.

Metric S: Mates with EO S" Series Fittings.

1M 43 Female Metric - Swivel - (30° Flare)

# Part Number	Thread mm	Hose I.D. inch	A		H mm	W mm	B	
			inch	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

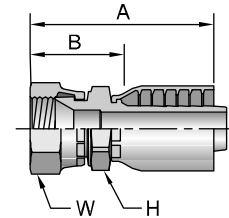
Japanese Fittings - Female Swivel 30° Flare with Metric Threads. All 30° flared fitting sizes are available by combining the 1MU43 fittings in sizes up to -8 with the 1XU43 fittings in sizes -10 and larger.



1 43 Female Metric - Swivel - (30° Flare)

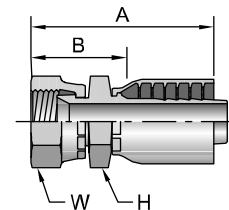
# Part Number	Thread mm	Hose I.D. inch	A		H mm	W mm	B	
			inch	mm			inch	mm
1XU43-10-10	M24x1,5	5/8	3.25	83	30	32	1.81	46
1XU43-12-12	M30x1,5	3/4	3.40	86	32	36	1.96	50
1XU43-16-16	M33x1,5	1	4.03	102	36	41	2.41	61
1XU43-20-20	M36x1,5	1-1/4	4.19	106	46	46	2.50	64
1XU43-24-24	M42x1,5	1-1/2	4.12	105	50	55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



1F 43 Female BSP Parallel Pipe - Swivel - (30° Flare) B8363 Code F

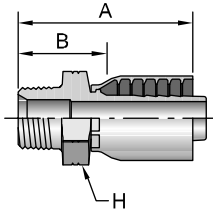
# Part Number	Thread inch	Hose I.D. inch	A		H mm	W mm	B	
			inch	mm			inch	mm
1FU43-4-4	1/4x19	1/4	1.90	48	19	19	1.15	29
1FU43-6-6	3/8x19	3/8	2.32	59	22	22	1.29	33
1FU43-8-8	1/2x14	1/2	2.66	68	27	27	1.40	36
1FU43-12-12	3/4x14	3/4	3.06	78	36	36	1.62	41
1FU43-16-16	1x11	1	3.53	90	41	41	1.91	49
1FU43-20-20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



1 T43

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

B8363 Code R

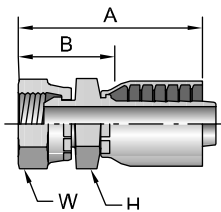


# Part Number	Thread inch	Hose I.D. inch	A		H		B	
			inch	mm	mm	mm	inch	mm
1UT43-4-4	1/4x19	1/4	1.92	49	19	1.17	30	
1UT43-6-6	3/8x19	3/8	2.25	57	22	1.22	31	
1UT43-8-8	1/2x14	1/2	2.68	68	27	1.42	36	
1UT43-12-12	3/4x14	3/4	2.96	75	36	1.53	39	
1UT43-16-16	1x11	1	3.48	88	41	1.86	47	
1UT43-20-20	1-1/4x11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

1G 43

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

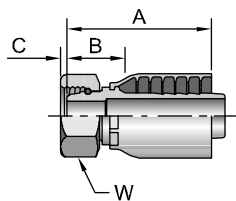
B8363 Code C



# 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


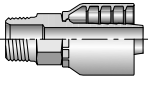

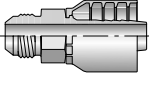
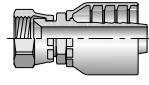
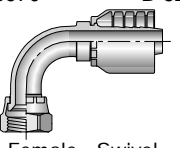

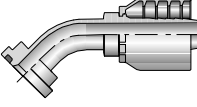
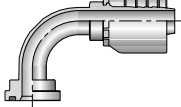

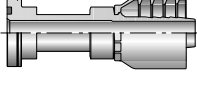
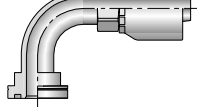

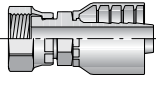
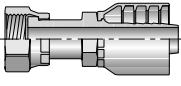
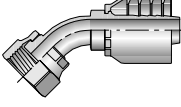
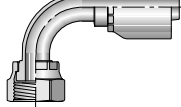
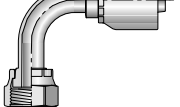
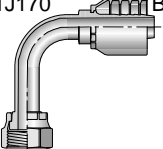

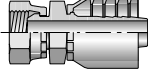

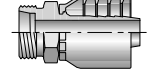
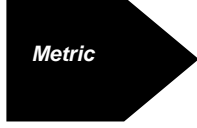
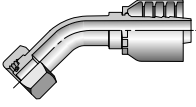
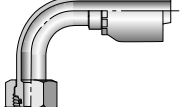
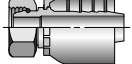
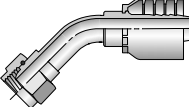
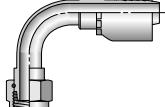
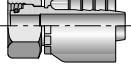

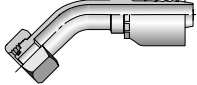
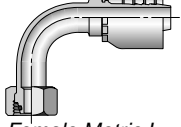
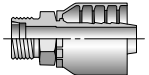
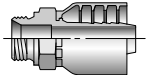
1F443

Female French Ga 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-62  Male - Rigid	 JIC 37°	10370 B-62  Male - Rigid	10670 B-62  Female - Swivel	13970 B-62  Female - Swivel 90° Elbow - Short
 Code Flange	11770 B-63  45° Elbow	11970 B-63  90° Elbow	 Code Flange	16A70 B-63  Flange Head	16N70 B-64  90° Elbow
 Seal-Lok® (O-Ring Face Seal)	1JC70 B-64  Female - Swivel Short	1JS70 B-64  Female - Swivel Long	1J770 B-64  Femal - Swivel 45° Elbow	1J970 B-65  Female - Swivel 90° Elbow - Short	1J570 B-65  Female - Swivel 90° Elbow - Medium
1J170 B-65  Female - Swivel 90° Elbow - Long	 BSP 0° Cone	1GU70 B-66  Female - Swivel	 Frenca	1FG70 B-66  Male - Rigid	 Metric
10C70 B-67  Female Metric S - Swivel - 45 Elbow	11C70 B-67  Female Metric S - Swivel - 90 Elbow	19270 B-67  Female BSP - Swivel - 60 Cone	1B170 B-67  Female BSP - Swivel - 45 Elbow	1B270 B-68  Female BSP - Swivel - 90 Elbow	1C970 B-68  Female - Swivel
1CA70 B-68  Female Metric L - Swivel - 24 Cone	1CE70 B-68  Female Metric L - Swivel - 45 Elbow	1CF70 B-69  Female Metric L - Swivel - 90 Elbow	1D270 B-69  Male Metric S - Rigid	1D970 B-69  Male - BSP - Rigid	

A

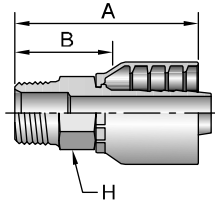
B

C

D

E

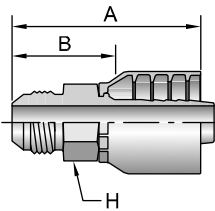
A



e F i e i g i

#	re inch	se inch	inch		inch		mm	
			inch	mm	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	

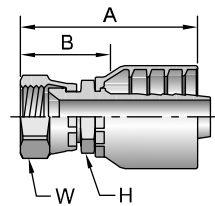
B



e i g i

#	re inch	se inch	inch		inch		mm	
			inch	mm	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	

C

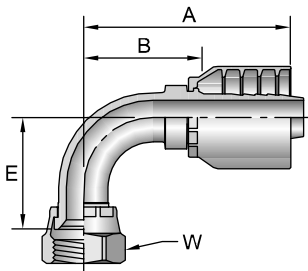


6

F e e S i e

#	re inch	se inch	inch		inch		inch		mm	
			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		

D



F e e S i e

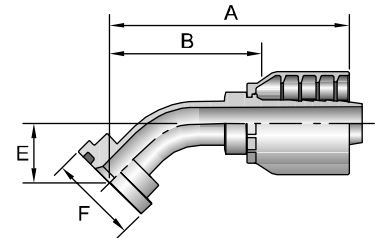
S r t r

#	re inch	se inch	inch		inch		inch		mm	
			inch	mm	inch	mm	inch	mm		
13970-8-8	1/2 3/4x16	1/2	2.62	67	1.14	29	7/8	1.41	36	

E

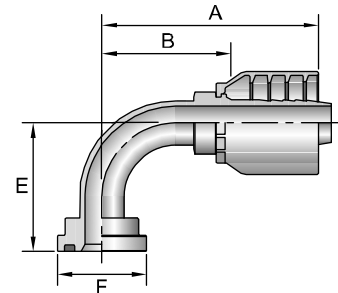
Series 6 Flange
ISO 12151-3 - 45S - L

#	F nge inch	se inch	inch		mm		F inch	inch		mm
			inch	mm	inch	mm		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	



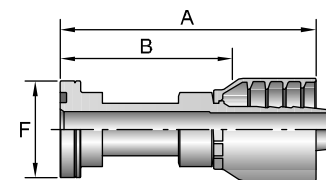
Series 6 Flange
ISO 12151-3 - E90S - L

#	F nge inch	se inch	inch		mm		F inch	inch		mm
			inch	mm	inch	mm		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	



Series 62 Flange
ISO 12151-3 - S - S

#	F nge inch	se inch	inch		mm		F inch	inch		mm
			inch	mm	inch	mm		inch	mm	
16A70-8-8	1/2	1/2	3.50	88,9	1-1/4	2.29	2.29	56,9		



See Accessories Section for O-Rings and Flange Kits.

A

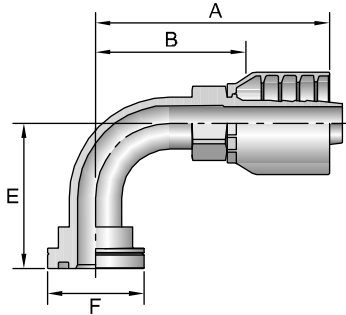
B

C

D

E

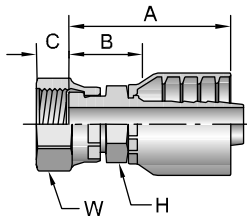
A



60 Series Female Seal-Lok Swivel Elbow
ISO 12151-3 - E90S - S (1 Piece: ISO 12151-3 - E90M - S)

#	Flange	Seal-Lok	A		E		F		
Part Number	Thread 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

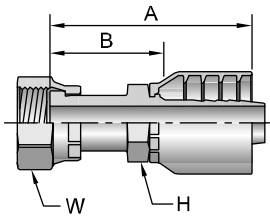
B



70 Series Female Seal-Lok Swivel Straight
ISO 12151-1 - SWSA

#	Thread	Hose I.D.	A		C		H	W	B	
Part Number	inch	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

C



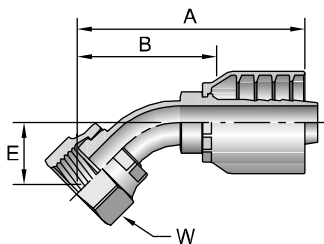
70 Series Female Seal-Lok Swivel Long
ISO 12151-1 - SWSB

#	Thread	Hose I.D.	A		H	W	B	
Part Number	inch	inch	inch	mm	inch	inch	inch	mm
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

D

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

E



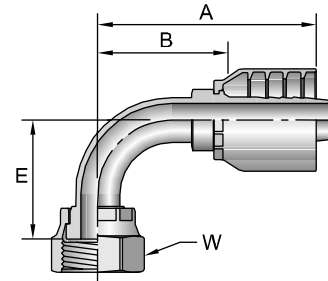
#	Thread	Hose I.D.	A		E		W	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
1J770-10-10	5/8 1x14	5/8	3.08	78	0.63	16	1-1/8	1.83	46

See Accessories Section for O-Rings and Flange Kits.

1J970

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

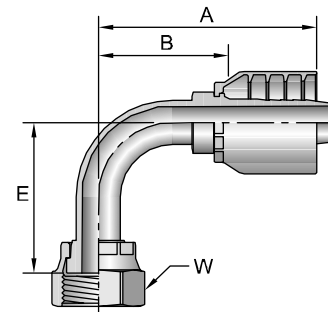
# Part Number	Thread		Hose I.D. inch	A		E		W inch	B	
	inch	mm		inch	mm	inch	mm		inch	mm
1J970-8-8	1/2	13/16x16	1/2	2.59	66	1.14	29	15/16	1.38	35
1J970-12-8	3/4	1-3/16x12	1/2	3.21	82	1.88	48	1-3/8	2.00	51



1J570

Female Seal-Lok® - Swivel - 90° Elbow - Medium Drop
ISO 12151-1 - SWEM90

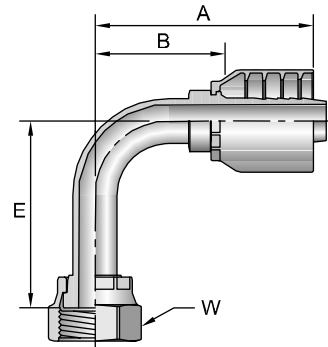
# Part Number	Thread		Hose I.D. inch	A		E		W inch	B	
	inch	mm		inch	mm	inch	mm		inch	mm
1J570-10-10	5/8	1x14	5/8	2.88	73	1.85	47	1-1/8	1.63	41



1J170

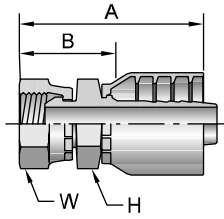
Female Seal-Lok® - Swivel - 90° Elbow - Long Drop
ISO 12151-1 - SWEL90

# Part Number	Thread		Hose I.D. inch	A		E		W inch	B	
	inch	mm		inch	mm	inch	mm		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







See Accessories Section for O-Rings and Flange Kits.

A

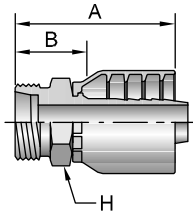


1G 70

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




#			A				B	
Part Number	Thread	Hose I.D.	inch	mm	H	W	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

B



1FG70

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

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

C

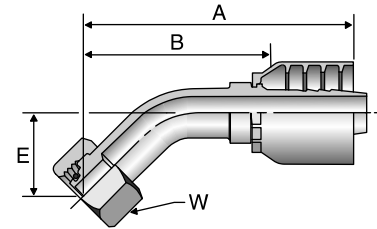
D

E

10C70

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

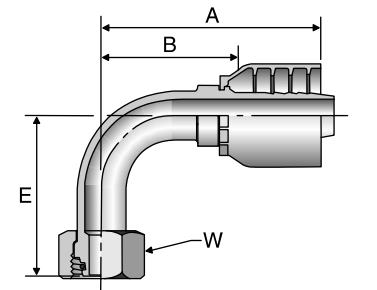
# Part Number	Thread mm	Hose I.D. inch	A		E		W mm	B	
			inch	mm	inch	mm		inch	mm
10C70-12-6	12 M20x1,5	3/8	2.72	69	0.79	20	24	1.57	40
10C70-16-8	16 M24x1,5	1/2	3.27	83	0.94	24	30	1.89	48
10C70-20-10	20 M30x2	5/8	3.58	91	0.98	25	36	2.05	52



11C70

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

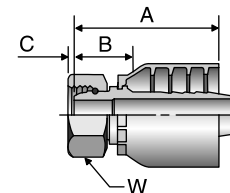
# Part Number	Thread mm	Hose I.D. inch	A		E		W mm	B	
			inch	mm	inch	mm		inch	mm
11C70-12-6	12 M20X1,5	3/8	2.64	67	1.46	37	24	1.50	38
11C70-20-10	20 M30X2	5/8	3.11	79	1.89	48	36	1.57	40



19270

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

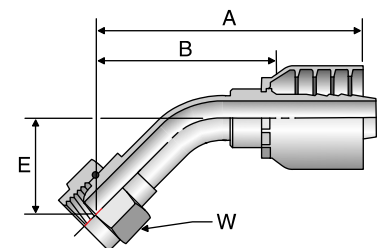
# Part Number	Thread inch	Hose I.D. inch	A		C		W mm	B	
			inch	mm	inch	mm		inch	mm
19270-6-6	3/8x19	3/8	1.93	49	0.28	7	22	0.79	20
19270-8-8	1/2x14	1/2	2.24	57	0.28	7	27	0.87	22
19270-10-10	5/8x14	5/8	2.24	57	0.35	9	30	0.83	21
19270-12-10	3/4x14	5/8	2.40	61	0.35	9	32	0.87	22



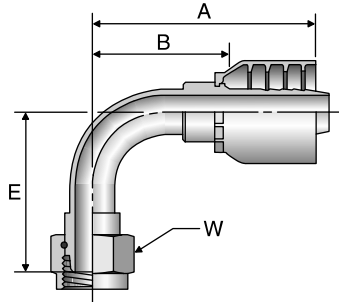
1B170

Female BSP Parallel pipe - Swivel- 45° Elbow - (60° Cone)
ISO 228-1

# Part Number	Thread inch	Hose I.D. inch	A		E		W mm	B	
			inch	mm	inch	mm		inch	mm
1B170-8-8	1/2x14	1/2	3.11	79	0.79	20	27	1.77	45



A

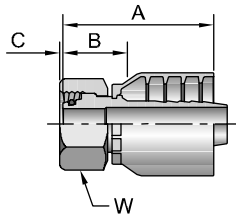


1B270

Female BSP Parallel Pipe - Swivel - 90° Elbow - (60° Cone)
ISO 228-1

# Part Number	Thread inch	Hose I.D. inch	A		E		W mm	B	
			inch	mm	inch	mm		inch	mm
1B270-8-8	1/2x14	1/2	2.76	70	1.54	39	27	1.38	35
1B270-10-10	5/8x14	5/8	3.07	78	1.81	46	30	1.61	41
1B270-12-10	3/4x14	5/8	3.19	81	1.65	42	32	1.61	41

B



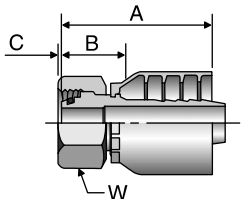
1C970

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

# Part Number	Thread		Hose I.D. inch	A		C		W mm	B	
	mm			inch	mm	inch	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.

C



1CA70

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

ISO 12151-2 - SWS

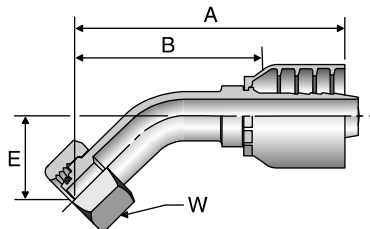
# Part Number	Thread		Hose I.D. inch	A		C		W mm	B	
	mm			inch	mm	inch	mm		inch	mm
1CA70-12-6	12	M18x1,5	3/8	2.09	53	0.04	1	22	0.94	24
1CA70-15-8	15	M22x1,5	1/2	2.09	62	0.07	2	22	0.94	27
1CA70-18-10	18	M26x1,5	5/8	2.44	62	0.02	0.5	32	1.02	26

D

1CE70

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

ISO 12151-2 - SWE45



# Part Number	Thread		Hose I.D. inch	A		E		W mm	B	
	mm			inch	mm	inch	mm		inch	mm
1CE70-18-10	18	M26x1,5	5/8	3.58	91	0.98	25	32	2.05	52

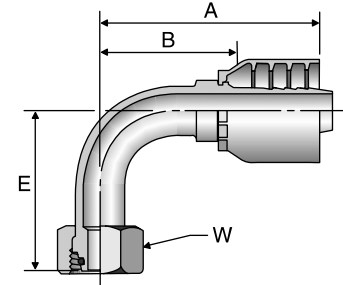
E

1CF70

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

ISO 12151-2 - SWE

# Part Number	Thread mm	Hose I.D. inch	A		E		W mm	B	
			inch	mm	inch	mm		inch	mm
1CF70-15-8	15 M22x1,5	1/2	2.91	74	1.77	45	27	1.54	39
1CF70-18-10	18 M26x1,5	5/8	3.11	79	1.93	49	32	1.65	42

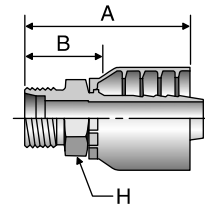


1D270

Male Metric S - Rigid - (24° Cone)

ISO 12151-2

# Part Number	Thread mm	Hose I.D. inch	A		H mm	B	
			inch	mm		inch	mm
1D270-16-8	16 M24x1,5	1/2	2.44	62	24	1.10	28
1D270-20-10	20 M30x2	5/8	2.95	75	30	1.26	32

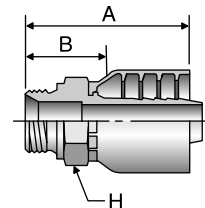


1D970

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

ISO 228-1

# Part Number	Thread inch	Hose I.D. inch	A		H mm	B	
			inch	mm		inch	mm
1D970-8-8	1/2x14	1/2	2.44	62	27	1.10	28



A

B

C

D

E

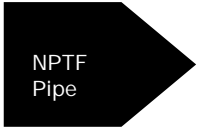
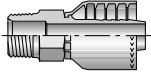

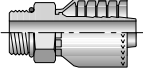

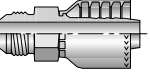
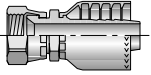
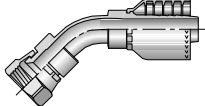
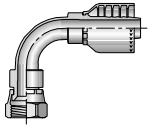
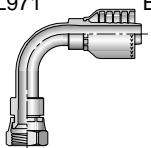
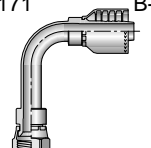

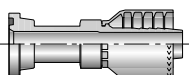
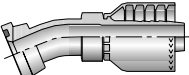
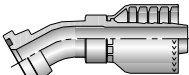
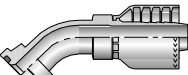
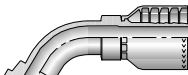
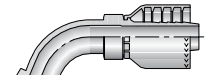
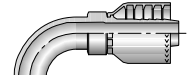

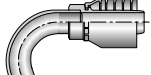

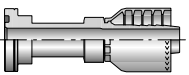
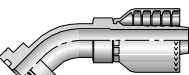
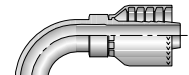

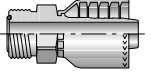
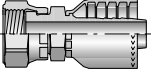
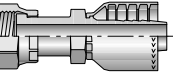
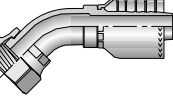
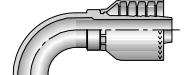
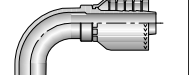
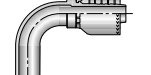
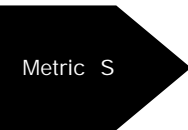
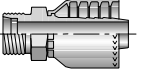
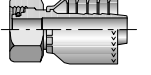

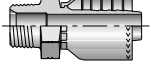
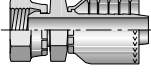
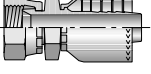
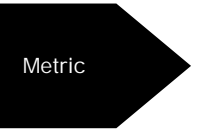
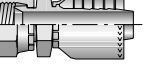
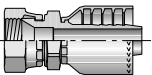
A

B

C

D

E

 NPTF Pipe	10171 B-72  Male - Rigid	 SAE	10571 B-72  Male - Rigid	 JIC	10371 B-72  Male - Rigid
10671 B-73  Female - Swivel	13771 B-73  Female - Swivel 45° Elbow - Short	13971 B-74  Female - Swivel 90° Elbow - Short	1L971 B-74  Female - Swivel 90° Elbow - Medium	14171 B-74  Female - Swivel 90° Elbow - Long	 Code Flange
11571 B-75  Flange	11671 B-75  22-1/2° Elbow	12671 B-76  30° Elbow	11771 B-76  45° Elbow	12771 B-76  60° Elbow	11871 B-77  6 -1/2° Elbow
11971 B-77  90° Elbow	18971 B-78  90° Elbow-Long	12U71 B-78  110° Elbow	 Code Flange	16A71 B-78  Flange	16F71 B-78  45° Elbow
16N71 B-79  90° Elbow	 Seal-Lok® (O-Ring Face Seal)	1J071 B-79  Male - Rigid	1JC71 B-79  Female - Swivel Short	1JS71 B-80  Female - Swivel Long	1J771 B-80  Female - Swivel 45° Elbow
1J971 B-81  Female - Swivel 90° Elbow - Short	1J571 B-81  Female - Swivel 90° Elbow - Medium	1J171 B-81  Female - Swivel 90° Elbow - Long	 Metric S	1D271 B-82  Male - Rigid	1C971 B-82  Female - Swivel
 BSP	1UT71 B-82  Male - Rigid	1GU71 B-82  Female - Swivel	1FU71 B-83  Female - Swivel	 Metric	1MU71 B-83  Female - Swivel
1XU71 B-83  Female - Swivel					

A

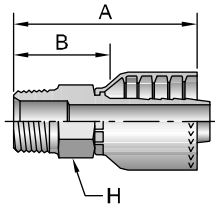
B

C

D

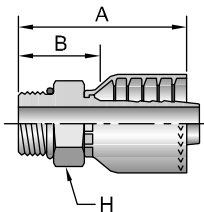
E

10171 Male NPTF Pipe - Rigid



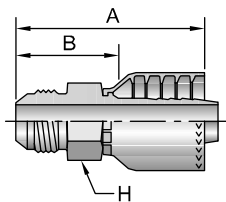
# Part Number	Thread		Hose I.D. inch	A		H inch	B	
	inch			inch	mm		inch	mm
10171-6-6	3/8x18		3/8	2.36	60	3/4	1.47	37
10171-8-8	1/2x14		1/2	2.82	72	7/8	1.63	41
10171-12-8	3/4x14		1/2	2.67	68	1-1/16	1.47	37
10171-12-12	3/4x14		3/4	3.08	78	1-1/16	1.71	43
10171-16-12	1x11-1/2		3/4	3.08	78	1-3/8	1.72	44
10171-16-16	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

10571 Male SAE Straight Thread with O-Ring - Rigid



# Part Number	Thread		Hose I.D. inch	A		H inch	B	
	inch			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

10371 Male JIC 37° - Rigid

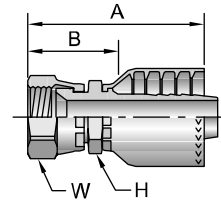


# Part Number	Thread		Hose I.D. inch	A		H inch	B	
	inch			inch	mm		inch	mm
10371-6-6	3/8	9/16x18	3/8	2.44	62	3/4	1.55	39
10371-8-6	1/2	3/4x16	3/8	2.29	58	7/8	1.40	36
10371-8-8	1/2	3/4x16	1/2	2.66	68	7/8	1.41	36
10371-10-8	5/8	7/8x14	1/2	2.60	66	15/16	1.41	36
10371-10-10	5/8	7/8x14	5/8	2.93	74	15/16	1.69	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

10671

Female JIC 37° - Swivel

# Part Number	Thread		Hose I.D. inch	A		H inch	W inch	B		Additional Material Stainless Steel (C)
	inch	9/16x18		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	



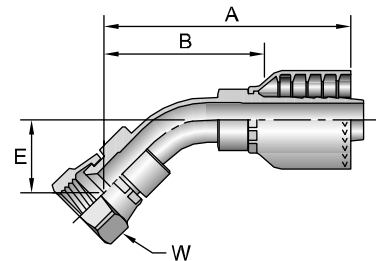
A

B

13771

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

# Part Number	Thread		Hose I.D. inch	A		E		W inch	B	
	inch	9/16x18		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



C

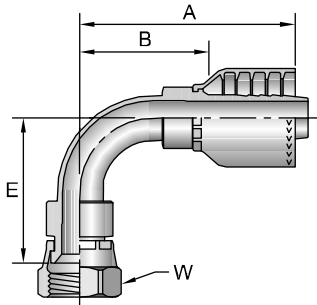
D

E

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

13971

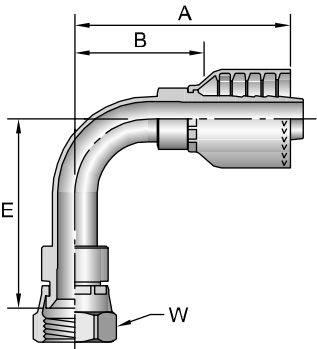
Female JIC 37° - Swivel - 90° Elbow - Short Drop



# Part Number	Thread		Hose I.D. inch	A		E		W inch	B	
	inch	9/16x18		inch	mm	inch	mm		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

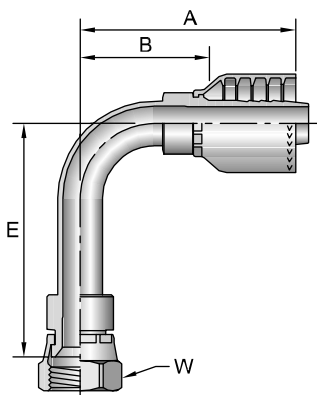
Female JIC 37° - Swivel - 90° Elbow - Medium Drop



# Part Number	Thread		Hose I.D. inch	A		E		W inch	B	
	inch	7/8x14		inch	mm	inch	mm		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



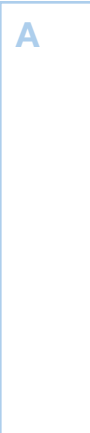
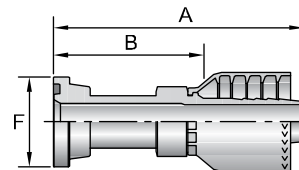
# Part Number	Thread		Hose I.D. inch	A		E		W inch	B	
	inch	9/16x18		inch	mm	inch	mm		inch	mm
14171-6-6	3/8	9/16x18	3/8	2.34	59	2.13	54	11/16	1.44	37
14171-8-8	1/2	3/4x16	1/2	2.58	66	2.52	64	7/8	1.37	35
14171-12-12	3/4	1-1/16x14	3/4	3.49	89	3.78	96	1-1/4	2.11	54
14171-16-16	1	1-5/16x12	1	4.36	111	4.32	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	3.48	104	2-3/8	1.36	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

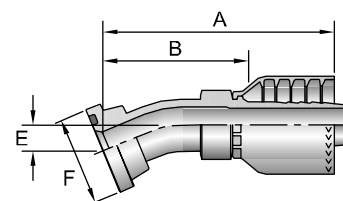


11671

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

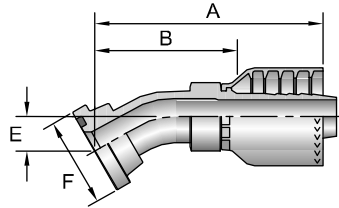
ISO 12151-3 - E22M - L

# 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



See Accessories Section for O-Rings and Flange Kits.

A



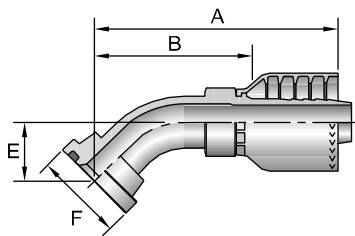
12671

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 inch	B	
			inch	mm	inch	mm		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

B



11771

SAE Code 61 Flange Head - 45° Elbow

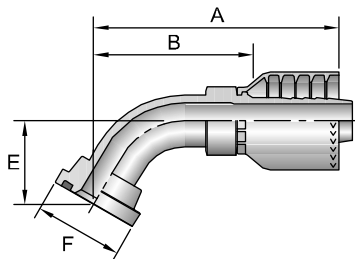
ISO 12151-3 - E45S - L (1 Piece: ISO 12151-3 - E45M - L)

# Part Number	Flange inch	Hose I.D. inch	A		E		F inch	B	
			inch	mm	inch	mm		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

C

D

E



12771

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 inch	B	
			inch	mm	inch	mm		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

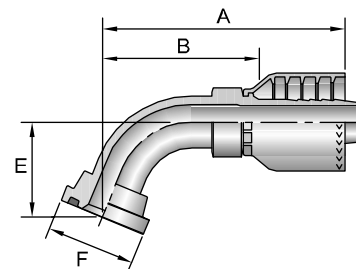
See Accessories Section for O-Rings and Flange Kits.

11871

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 inch	B	
			inch	mm	inch	mm		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

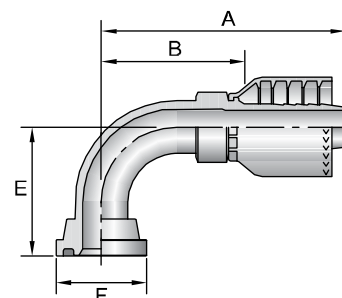


11971

SAE Code 61 Flange Head - 90° Elbow

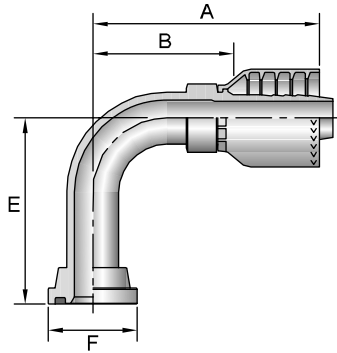
ISO 12151-3 - E90S - L (1 Piece: ISO 12151-3 - E90M - L)

# Part Number	Flange inch	Hose I.D. inch	A		E		F inch	B	
			inch	mm	inch	mm		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	6.98	148	4.09	79	2-13/16	4.36	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



See Accessories Section for O-Rings and Flange Kits.

A

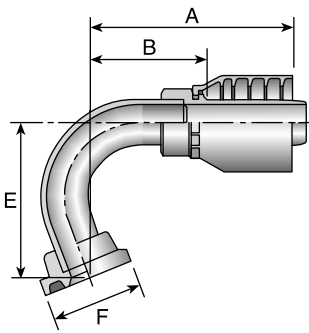


18971

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

B

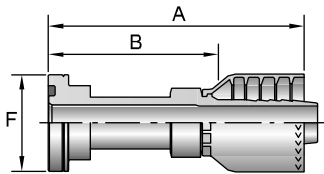


12 71

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

C



16A71

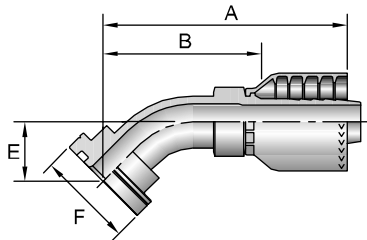
SAE Code 62 Flange Head ISO 12151-3 - S - S

#	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

D

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

E

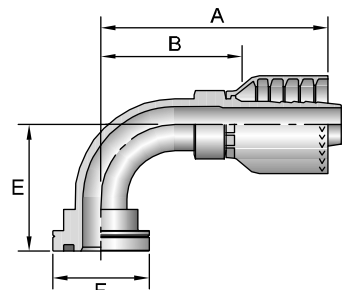
See Accessories Section for O-Rings and Flange Kits.

16N71

SAE Code 62 Flange Head - 90° Elbow

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

# Part Number	Flange inch	Hose I.D. inch	A		E		F		B	
			inch	mm	inch	mm	inch	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	



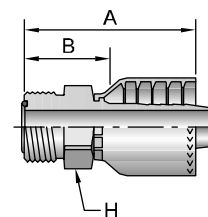
⚠ Refer to Pressure Rating of Hose End Connections chart on page E-43.

1J071

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

ISO 12151-1 - S

# Part Number	Thread inch		Hose I.D. inch	A		H inch	B	
	inch	inch		inch	mm		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

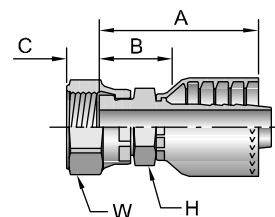


1JC71

Female Seal-Lok® - Swivel - Short

ISO 12151-1 - SWSA

# Part Number	Thread inch		Hose I.D. inch	A		C inch	H		W		B	
	inch	inch		inch	mm		inch	inch	inch	mm	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	1-11/16-12	1	3.16	80	0.59	15	1-5/8	1-7/8	1.38	35	



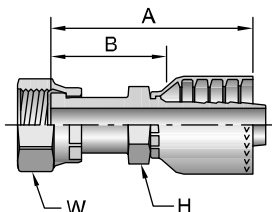
When measuring overall length to end of nut, B+C dimensions must be used to calculate cut-off allowance.

See Accessories Section for O-Rings and Flange Kits.

1JS71

Female Seal-Lok® - Swivel - Long

ISO 12151-1 - SWSB

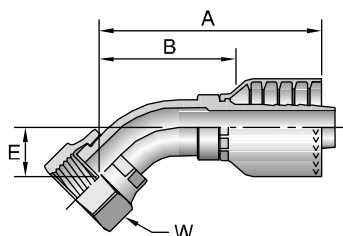


# Part Number	Thread		Hose I.D. inch	A		H inch	W inch	B	
	inch	inch		inch	mm			inch	mm
1JS71-6-6	3/8	11/16x16	3/8	2.80	58	11/16	13/16	1.38	35
1JS71-6-8	3/8	11/16x16	1/2	2.50	64	13/16	13/16	1.29	33
1JS71-8-8	1/2	13/16x16	1/2	2.64	67	13/16	15/16	1.44	37
1JS71-10-8	5/8	1x14	1/2	2.89	23	13/16	1-1/8	1.69	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



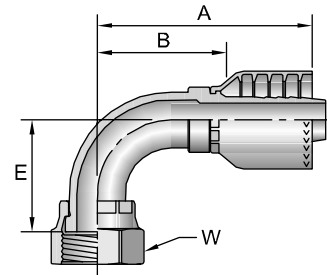
# Part Number	Thread		Hose I.D. inch	A		E		W inch	B	
	inch	inch		inch	mm	inch	mm		inch	mm
1J771-6-6	3/8	11/16x16	3/8	2.34	59	0.43	11	13/16	1.44	37
1J771-8-8	1/2	13/16x16	1/2	2.83	72	0.59	15	15/16	1.62	41
1J771-10-8	5/8	1x14	1/2	2.93	74	0.63	16	1-1/8	1.72	44
1J771-10-10	5/8	1x14	5/8	3.08	78	0.63	16	1-1/8	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

See Accessories Section for O-Rings.

1J971

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

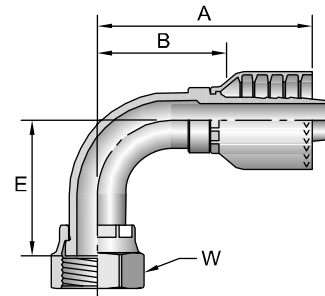
# Part Number	Thread		Hose I.D. inch	A		E		W inch	B	
	inch			inch	mm	inch	mm		inch	mm
1J971-6-6	3/8	11/16x16	3/8	2.21	56	0.91	23	13/16	1.31	33
1J971-8-8	1/2	13/16x16	1/2	2.59	66	1.14	29	15/16	1.38	35
1J971-10-8	5/8	1x14	1/2	2.74	70	1.26	32	1-1/8	1.53	39
1J971-10-10	5/8	1x14	5/8	2.88	73	1.26	32	1-1/8	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 - SWEM90

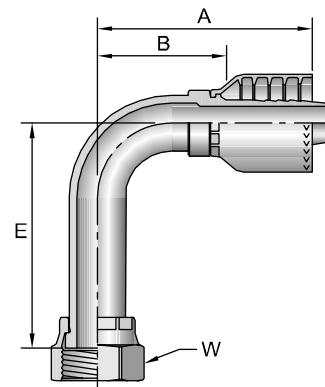
# Part Number	Thread		Hose I.D. inch	A		E		W inch	B	
	inch			inch	mm	inch	mm		inch	mm
1J571-8-8	1/2	13/16x16	1/2	2.59	66	1.61	41	15/16	1.38	35
1J571-10-10	5/8	1x14	5/8	2.88	73	1.85	47	1-1/8	1.63	41
1J571-12-12	3/4	1-3/16x12	3/4	3.49	89	2.28	58	1-3/8	2.11	54



1J171

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

# Part Number	Thread		Hose I.D. inch	A		E		W inch	B	
	inch			inch	mm	inch	mm		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

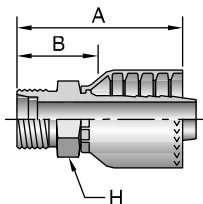


See Accessories Section for O-Rings.

1D271

Male Metric S - Rigid - (24° Cone)

ISO 12151-2

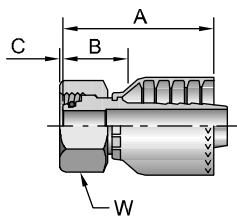


# Part Number	Thread		Hose I.D. inch	A		H mm	B	
	mm	mm		inch	mm		inch	mm
1D271-25-12	25	M36x2	3/4	2.90	74	36	1.52	39
1D271-30-16	30	M42x2	1	3.45	88	46	1.67	42

1C971

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

ISO 12151-2 - SWS - S

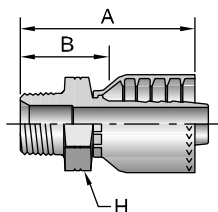


# Part Number	Thread		Hose I.D. inch	A		C		W mm	B	
	mm	mm		inch	mm	inch	mm		inch	mm
1C971-12-6	12	M20x1,5	3/8	2.05	52	0.03	1	24	0.87	22
1C971-16-8	16	M24x1,5	1/2	2.33	59	0.09	2	30	0.94	24
1C971-20-10	20	M30x2	5/8	2.60	66	0.05	1	36	1.06	27
1C971-25-12	25	M36x2	3/4	2.68	68	0.10	3	46	1.10	28
1C971-30-16	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.

1 T71

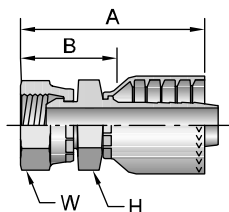
Male BSP Taper Pipe - Rigid - (60° Cone)



# Part Number	Hose I.D. inch	A		H mm	B	
		inch	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

1G 71

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



# Part Number	Thread		Hose I.D. inch	A		H mm	W mm	B	
	inch	inch		inch	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

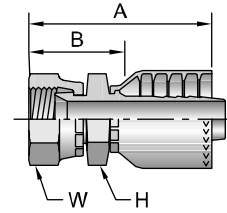
Metric S: Mates with EO S" Series Fittings.

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

See Accessories Section for O-Rings and Flange Kits.

1F 71
Female BSP Parallel Pipe - Swivel - (30° Flare)

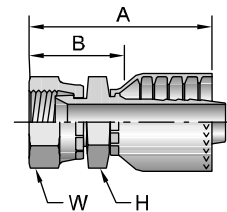
# Part Number	Thread inch	Hose I.D. inch	A		H mm	W mm	B	
			inch	mm			inch	mm
1FU71-6-6	3/8x19	3/8	2.39	61	24	22	1.50	38
1FU71-8-8	1/2x14	1/2	2.71	69	27	27	1.51	38
1FU71-12-12	3/4x14	3/4	3.10	79	36	36	1.74	44
1FU71-16-16	1x11	1	3.52	89	41	41	1.93	49
1FU71-20-20	1-1/4x11	1-1/4	3.87	98	50	50	2.20	56
1FU71-24-24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



1M 71
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

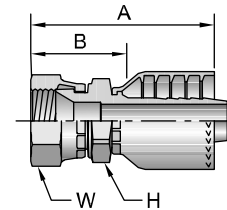
Japanese Fittings - Female Swivel 30° Flare with Metric Threads. All 30° flared fitting sizes are available by combining 1MU71 fittings in sizes up to 1/2 with 1XU71 fittings in sizes 5/8 inch and larger.



1 71
Female Metric - Swivel - (30° Flare)

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



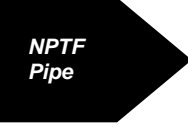
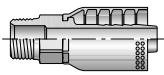

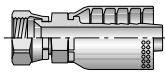
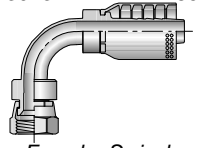

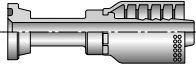
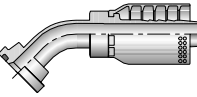
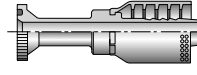
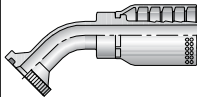
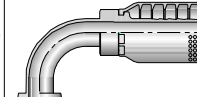
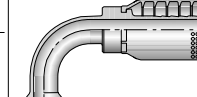

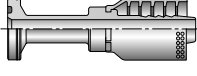
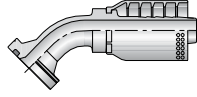
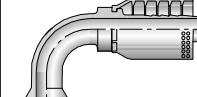

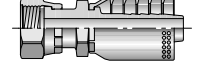
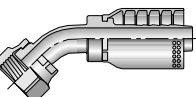
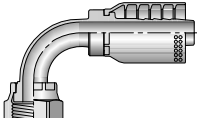

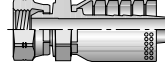
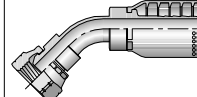
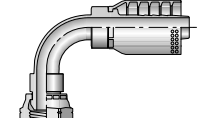

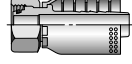

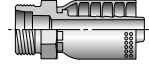
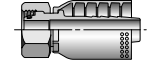
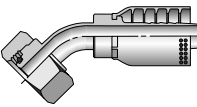
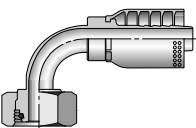

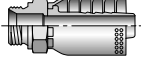

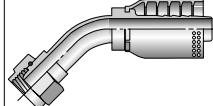
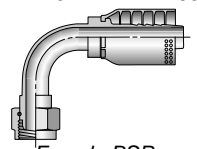
A

B

C

D

E

 NPTF Pipe	10173 B-86  <i>Male - Rigid</i>	 JIC 37°	10673 B-86  <i>Female - Swivel</i>	13973 B-86  <i>Female - Swivel 90° Elbow - Short</i>	 Code Flange
11573 B-86  <i>Flange</i>	11773 B-87  <i>45° Elbow</i>	14A73 B-87  <i>Flange (5000 psi)</i>	14F73 B-87  <i>45° Elbow (5000 psi)</i>	11973 B-87  <i>90° Elbow</i>	14N73 B-88  <i>90° Elbow (5000 psi)</i>
 Code Flange	16A73 B-88  <i>Flange</i>	16F73 B-88  <i>45° Elbow</i>	16N73 B-88  <i>90° Elbow</i>	 Seal-Lok® (O-Ring Face Seal)	1JS73 B-89  <i>Female - Swivel Long</i>
1J773 B-89  <i>Female - Swivel 45° Elbow</i>	1J973 B-89  <i>Female - Swivel 90° Elbow - Short</i>	 BSP 0° Cone	1GU73 B-90  <i>Female - Swivel</i>	1G173 B-90  <i>Female - Swivel 45° Elbow</i>	1G273 B-90  <i>Female - Swivel 90° Elbow</i>
 DIN L Series	1CA73 B-91  <i>Female Metric L - Swivel</i>	 DIN S Series	1D273 B-91  <i>Male Metric S - Rigid</i>	1C973 B-91  <i>Female Metric S - Swivel</i>	10C73 B-91  <i>Female Metric S - Swivel</i>
11C73 B-92  <i>Female Metric S - Swivel</i>	 BSP 0 Cone	1D973 B-92  <i>Male BSP - Parallel Pipe - Rigid</i>	19273 B-92  <i>Female BSP - Parallel Pipe - Swivel</i>	1B173 B-93  <i>Female BSP - Parallel Pipe - Swivel</i>	1B273 B-93  <i>Female BSP - Parallel Pipe - Swivel</i>

A

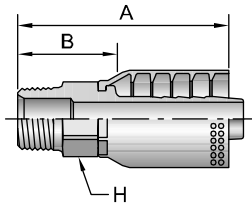
B

C

D

E

e F i e i g i

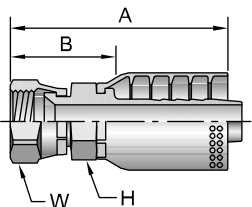


# rt er	re inch	se inch			Hex			
			inch	mm	inch	inch	mm	
10173-12-12	3/4x14	3/4	3.56	90	1-1/8	1.75	44	
10173-16-16	1x11-1/2	1	3.94	100	1-3/8	2.00	51	
10173-20-20	1-1/4x11-1/2	1-1/4	4.92	125	1-3/4	2.43	62	
10173-24-24	1-1/2x11-1/2	1-1/2	4.88	124	2	2.57	65	
10173-32-32	2x11-1/2	2	5.57	141	2-1/2	2.87	73	

Note: All sizes of 10173 fittings are rated at 5,000 psi working pressure.

6

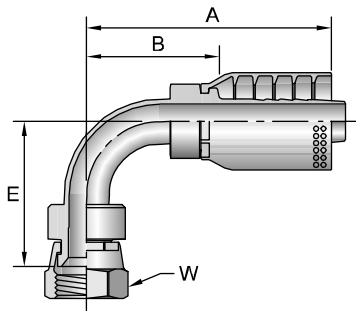
F e e S i e



# rt er	re inch	se inch			Hex				
			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.

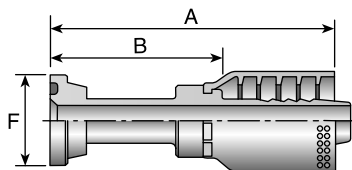
F e e S i e S r t r



# rt er	re inch	se inch			Hex					
			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.

S e 6 F n g e e
ISO 12151-3 - S - L



# rt er	F n g e inch	se inch			F			
			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	

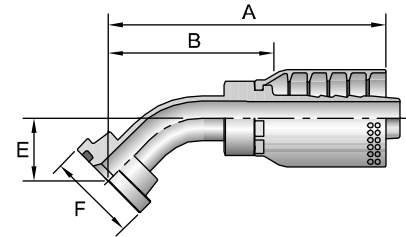
See Accessories Section for O-Rings and Flange Kits.

11773

SAE Code 61 Flange Head - 45° Elbow

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

# Part Number	Flange inch	Hose I.D. inch	A		E		F inch	B	
			inch	mm	inch	mm		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

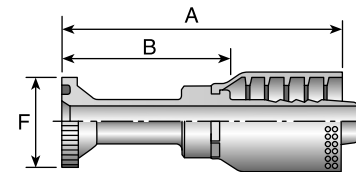


14A73

SAE Code 61 Flange Head - 5000 psi

ISO 12151-3 - S - L

# Part Number	Flange inch	Hose I.D. inch	A		F inch	B	
			inch	mm		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

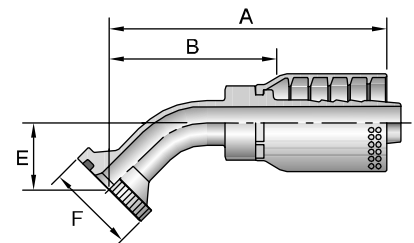


14F73

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

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

# Part Number	Flange inch	Hose I.D. inch	A		E		F inch	B	
			inch	mm	inch	mm		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

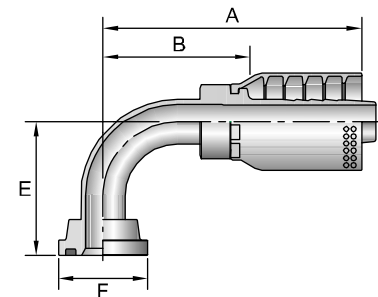


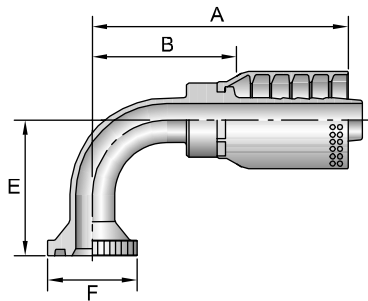
11973

SAE Code 61 Flange Head - 90° Elbow

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

# Part Number	Flange inch	Hose I.D. inch	A		E		F inch	B	
			inch	mm	inch	mm		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





14N73

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

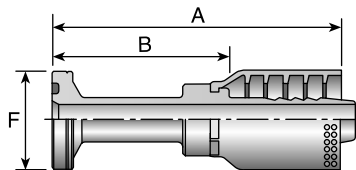
ISO 12151-3 - E90S - L (1 Piece: ISO 12151-3 - E90M - L)

# Part Number	Flange inch	Hose I.D. inch	A		E		F inch	B	
			inch	mm	inch	mm		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

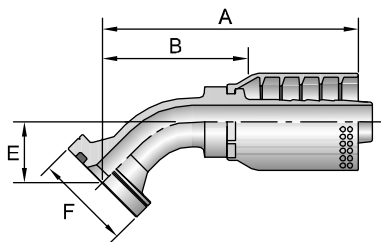


# Part Number	Flange inch	Hose I.D. inch	A		F inch	B	
			inch	mm		inch	mm
16A73-12-12	3/4	3/4	4.60	117	1-5/8	2.79	71
16A73-16-16	1	1	5.16	131	1-7/8	3.22	82
16A73-20-16	1-1/4	1	3.95	100	2-1/8	2.01	51
16A73-20-20	1-1/4	1-1/4	5.85	149	2-1/8	3.36	85
16A73-24-24	1-1/2	1-1/2	6.54	166	2-1/2	4.23	107
16A73-32-32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

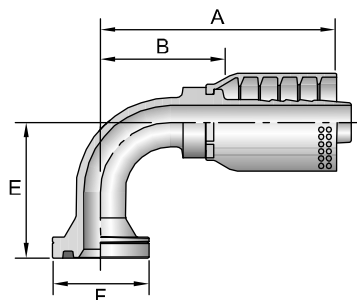


# Part Number	Flange inch	Hose I.D. inch	A		E		F inch	B	
			inch	mm	inch	mm		inch	mm
16F73-12-12	3/4	3/4	4.31	109	1.02	26	1-5/8	2.50	64
16F73-16-16	1	1	5.01	127	1.26	32	1-7/8	3.07	78
16F73-20-20	1-1/4	1-1/4	6.39	162	1.50	38	2-1/8	3.90	99

16N73

SAE Code 62 Flange Head - 90° Elbow

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



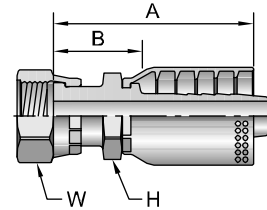
# Part Number	Flange inch	Hose I.D. inch	A		E		F inch	B	
			inch	mm	inch	mm		inch	mm
16N73-12-12	3/4	3/4	3.97	101	2.28	58	1-5/8	2.16	55
16N73-16-16	1	1	4.63	118	2.76	70	1-7/8	2.69	68
16N73-20-20	1-1/4	1-1/4	6.09	151	3.54	90	2-1/8	3.60	91
16N73-24-24	1-1/2	1-1/2	6.52	166	4.09	104	2-1/2	4.21	107
16N73-32-32	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		Hose I.D. inch	A		H inch	W inch	B	
	inch	1-3/16x12		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

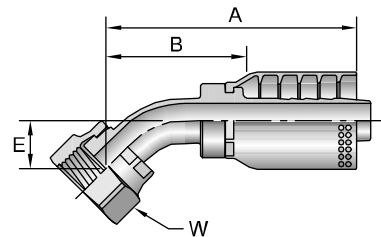


1J773

Female Seal-Lok® - Swivel - 45° Elbow

ISO 12151-1 - SWE45

# Part Number	Thread		Hose I.D. inch	A		E		W inch	B	
	inch	1-3/16x12		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

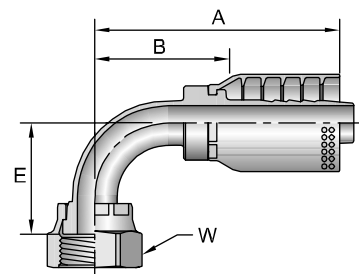


1J973

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

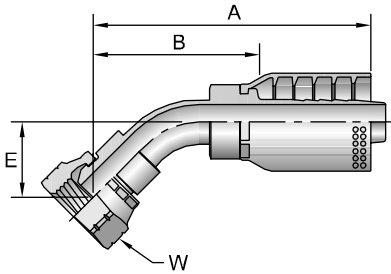
ISO 12151-1 - SWES90

# Part Number	Thread		Hose I.D. inch	A		E		W inch	B	
	inch	1-3/16x12		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



Metric S: Mates with EO S® Series Fittings.

A

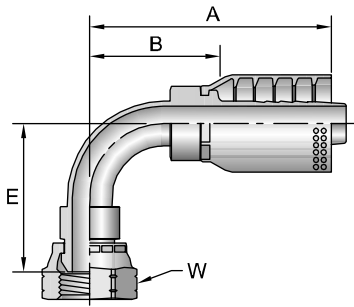


1G173

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

# Part Number	Thread inch	Hose I.D. inch	A		E		W mm	B	
			inch	mm	inch	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

B

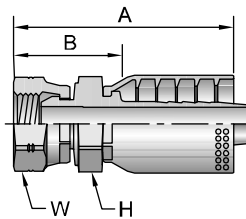


1G273

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

# Part Number	Thread inch	Hose I.D. inch	A		E		W mm	B	
			inch	mm	inch	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

C



1G 73

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

# Part Number	Thread inch	Hose I.D. inch	A		H	W	B	
			inch	mm	mm	mm	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

D

E

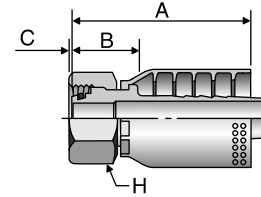
Metric S: Mates with EO S" Series Fittings

1CA73

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		inch	mm
1CA73-28-16	25 M36x2	1	3.43	87	0.14	3.56	41	1.42	36

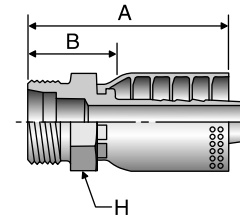


1D273

Male Metric S - Rigid - (24° Cone)

ISO 12151-2

# Part Number	Thread mm	Hose I.D. inch	A		H mm	B	
			inch	mm		inch	mm
1D273-20-12	20 M30x2	3/4	3.31	84	30	1.42	36
1D273-25-12	25 M36x2	3/4	3.39	86	36	1.50	38
1D273-30-16	30 M42x2	1	3.70	94	46	1.73	44
1D273-38-20	38 M52x2	1-1/4	4.41	112	55	1.89	48

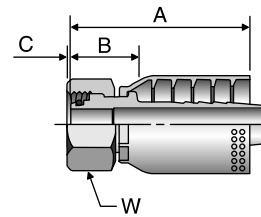


1C973

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
1C973-20-12	20 M30x2	3/4	3.19	81	0.05	1.3	36	1.30	33
1C973-25-12	25 M36x2	3/4	3.15	80	0.09	2.3	46	1.26	32
1C973-25-16	25 M36x2	1	3.43	87	0.09	2.3	46	1.42	36
1C973-30-16	30 M42x2	1	3.43	87	0.19	4.8	50	1.42	36
1C973-30-20	30 M42x2	1-1/4	4.17	106	0.19	4.8	50	1.65	42
1C973-38-20	38 M52x2	1-1/4	4.02	102	0.23	5.8	60	1.38	35

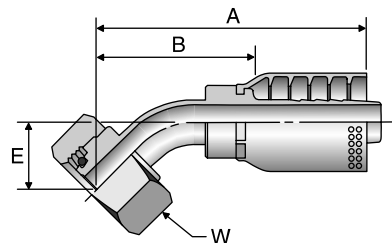


10C73

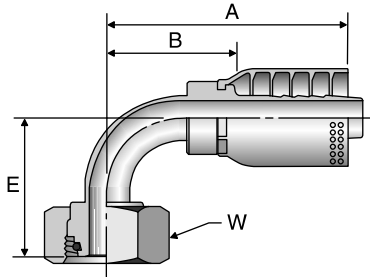
Female Metric S - Swivel - 45° Elbow - (24° Cone with O-Ring)

ISO 12151-2 - SWE45 - S

# Part Number	Thread mm	Hose I.D. inch	A		E		W mm	B	
			inch	mm	inch	mm		inch	mm
10C73-20-12	20 M30x2	3/4	4.41	112	1.10	28	36	2.52	64
10C73-25-12	25 M36x2	3/4	4.45	113	1.14	29	46	2.56	65
10C73-30-16	30 M42x2	1	5.16	131	1.34	34	50	3.19	81



A

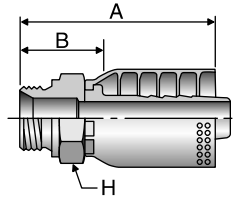


11C73

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

# Part Number	Thread		Hose I.D. inch	A		E		W mm	B	
	mm			inch	mm	inch	mm		inch	mm
11C73-20-12	20	M30X2	3/4	3.98	101	2.24	57	36	2.09	53
11C73-25-12	25	M36X2	3/4	3.98	101	2.32	59	46	2.05	52
11C73-25-16	25	M36X2	1	4.80	122	2.76	70	46	2.80	71
11C73-30-16	30	M42X2	1	4.80	122	2.87	73	50	2.83	72
11C73-38-20	38	M52X2	1-1/4	5.94	151	3.07	78	60	3.43	87

B

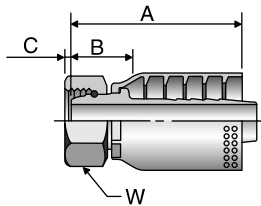


1D973

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

# Part Number	Thread		Hose I.D. inch	A		H mm	B	
	BSP			inch	mm		inch	mm
1D973-12-12	19,1	3/4x14	3/4	3.43	87	32	1.50	38
1D973-16-16	25,4	1x11	1	3.74	95	41	1.69	43

C



19273

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

# Part Number	Thread		Hose I.D. inch	A		C		W mm	B	
	inch			inch	mm	inch	mm		inch	mm
19273-12-12	3/4x14		3/4	3.03	77	0.46	11.7	32	1.14	29
19273-16-16	1x11		1	3.50	89	0.44	11.2	41	1.50	38
19273-20-20	1-1/4x11		1-1/4	3.98	101	0.52	13.2	50	1.46	37

D

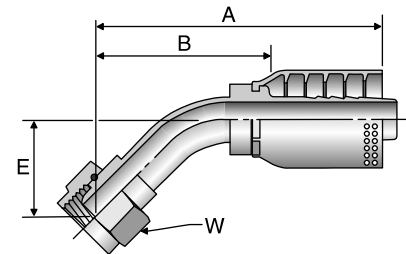
E

1B173

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

ISO 228-1

# Part Number	Thread inch	Hose I.D. inch	A		E		W mm	B	
			inch	mm	inch	mm		inch	mm
1B173-12-12	3/4x14	3/4	4.33	110	1.02	26	32	2.44	62
1B173-16-16	1x11	1	5.35	136	1.54	39	41	3.31	84

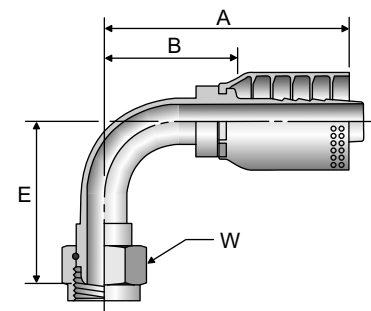


1B273

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

ISO 228-1

# Part Number	Thread inch	Hose I.D. inch	A		E		W mm	B	
			inch	mm	inch	mm		inch	mm
1B273-12-12	3/4x14	3/4	4.17	106	2.17	55	32	2.28	58
1B273-16-16	1x11	1	4.76	121	2.99	76	41	2.76	70
1B273-20-20	1-1/4x11	1-1/4	5.94	151	3.15	80	50	3.43	87




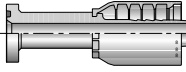
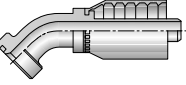
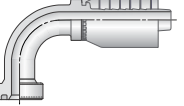
A

B

C

D

E

 <p>Flange</p>	<p>18A76 B-91</p>  <p>Flange</p>	<p>18F76 B-91</p>  <p>45° Elbow</p>	<p>18N76 B-91</p>  <p>90° Elbow</p>
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A

B

C

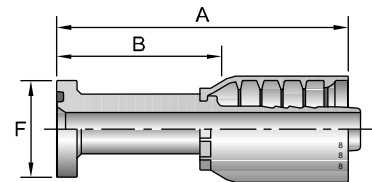
D

E

6

Flange

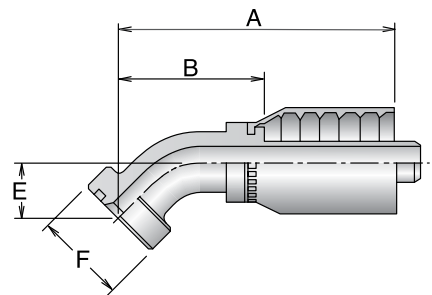
# Order	Flange inch	Seal inch	inch		mm		F inch	inch		mm	
			inch	mm	inch	mm		inch	mm		
18A76-12-12	3/4	3/4	5.29	134	1-5/8	2.96	75				
18A76-16-16	1	1	5.72	145	1-7/8	3.17	81				



F 6

Flange

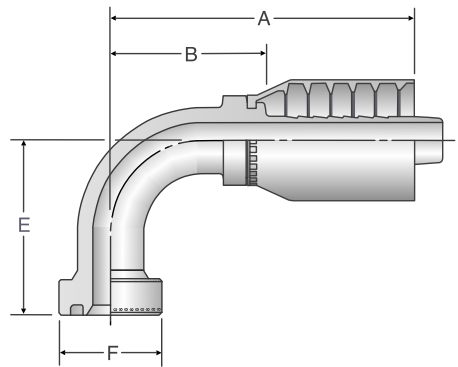
# Order	Flange inch	Seal inch	inch		mm		F inch	inch		mm	
			inch	mm	inch	mm		inch	mm		
18F76-12-12	3/4	3/4	4.95	125,7	1.024	26	1-5/8	2.62	66,5		
18F76-16-16	1	1	6.10	155,0	1.260	32	1-7/8	3.55	90,1		



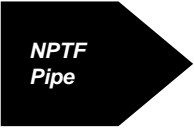
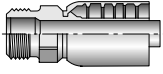

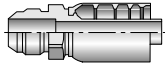
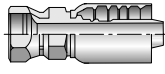
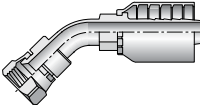
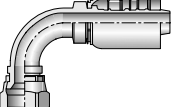

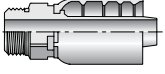

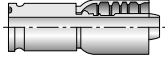
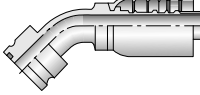
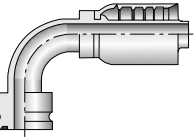

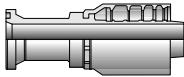
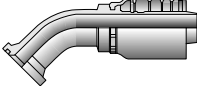
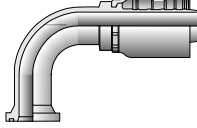
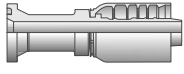
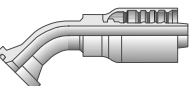
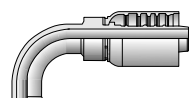

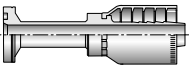
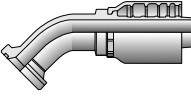
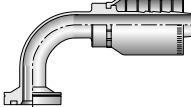

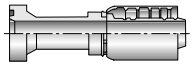
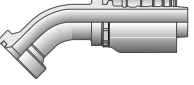
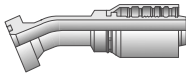
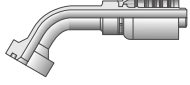
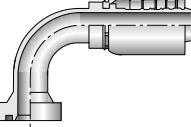

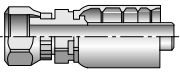
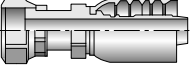
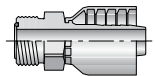
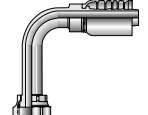
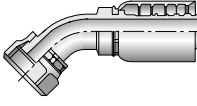
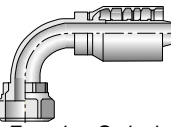

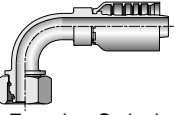
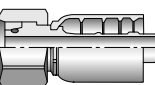
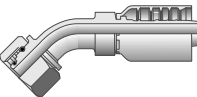
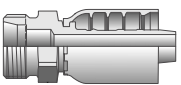



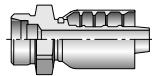
6

Flange

# Order	Flange inch	Seal inch	inch		mm		F inch	inch		mm	
			inch	mm	inch	mm		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		



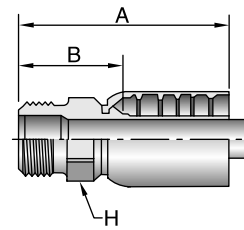
See Accessories Section for O-Rings and Flange Kits.

A	 NPTF Pipe	10177 B-97  Male - Rigid	 JIC 37°	10377 B-97  Male - Rigid	10677 B-97  Female - Swivel Straight	13777 B-98  Female - Swivel 45° Elbow - Short
	13977 B-98  Female - Swivel 90° Elbow - Short	 Straight Thread O-Ring	10577 B-97  Male - Rigid	 Full Flange	1X577 B-98  Full Flange - Straight	1X777 B-99  45° Elbow
B	1X977 B-99  90° Elbow	 Flange Code	14A77 B-100  Flange Code 61	14F77 B-100  Code 61 - 45 Elbow	14N77 B-101  Code 61 - 90 Elbow	11577 B-99  Flange Code 61
	11777 B-100  Flange Code 61	11977 B-100  Flange Code 61	 Flange Code	16A77 B-101  Flange Code 62	16F77 B-101  Code 62 45 Elbow	16N77 B-102  Code 62 90 Elbow
C	 Caterpillar® Flange	1XA77 B-102  Caterpillar® - Flange	1XF77 B-102  Caterpillar® - Flange 45 Elbow	1XB77 B-103  Caterpillar® - Flange 22-1/2 Elbow	1XG77 B-103  Caterpillar® - Flange 60 Elbow	1XN77 B-103  Flange - 90 Elbow
	 Seal-Lok®	1JC77 B-104  Female - Swivel Straight - Short	1JS77 B-104  Female - Swivel Straight - Long	1J077 B-105  Male - Rigid w/O-Ring	1J177 B-105  Female - Swivel 90 - Long	1J777 B-105  Female - Swivel 45° Elbow
D	1J977 B-106  Female - Swivel 90° Elbow - Short	 DIN S Series /O-Ring	11C77 B-106  Female - Swivel 90° Elbow	1C977 B-106  Female - Swivel Straight	10C77 B-107  Female Metric S Swivel - 45 Elbow	1D277 B-107  Male Metric S Rigid - 24 Cone
	 BSP	1GU77 B-107  Female - Swivel Straight	 4 Cone	1ZM77 B-107  Male 20 Cone		

10177

Male NPTF Pipe - Rigid - Straight

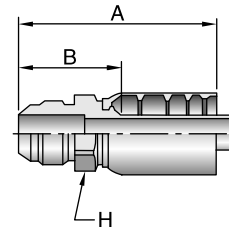
# Part Number	Thread inch	Hose I.D. inch	A		H mm	B	
			inch	mm		inch	mm
10177-8-8	1/2x14	1/2	2.72	69,2	22	1.50	38,2
10177-8-12	1/2x14	3/4	3.43	87,1	30	1.79	45,5
10177-12-12	3/4x14	3/4	3.43	87,1	30	1.79	45,5
10177-16-16	1x11-1/2	1	4.04	102,6	36	2.09	53,1
10177-20-20	1-1/4x11-1/2	1-1/4	4.57	116,1	46	2.30	58,4



10377

Male JIC 37° - Rigid - Straight

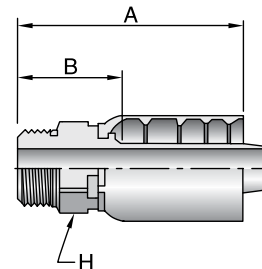
# Part Number	Thread inch		Hose I.D. inch	A		H mm	B	
	inch	mm		inch	mm		inch	mm
10377-8-8	1/2	3/4x16	1/2	2.61	66,4	22	1.39	35,4
10377-10-8	5/8	7/8x14	1/2	2.71	68,9	24	1.49	37,9
10377-16-16	1	1-5/16x12	1	3.99	101,3	36	2.04	51,8



10577

Male SAE Straight Thread with O-Ring - Rigid - Straight

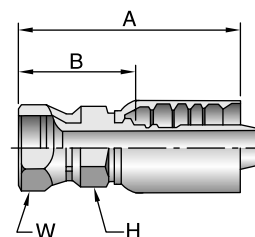
# Part Number	Thread inch		Hose I.D. inch	A		H inch	B	
	inch	mm		inch	mm		inch	mm
10577-8-8	1/2	3/4x16	1/2	2.39	60,8	22	1.17	29,8
10577-12-12	3/4	1-1/16x12	3/4	3.17	80,5	32	1.53	38,9
10577-16-16	1	1-5/16x12	1	3.73	94,7	41	1.78	45,2
10577-20-20	1-1/4	1-5/8x12	1-1/4	4.17	105,9	50	1.90	48,2



10677

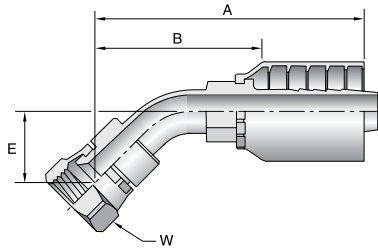
Female JIC 37° - Swivel - Straight

# Part Number	Thread inch		Hose I.D. inch	A		H inch	W mm	B	
	inch	mm		inch	mm			inch	mm
10677-8-8	1/2	3/4x16	1/2	2.79	71,1	22	22	1.58	40,1
10677-10-8	5/8	7/8x14	1/2	2.91	74,0	22	27	1.69	43,0
10677-10-10	5/8	7/8x14	5/8	3.18	80,7	24	27	1.83	46,5
10677-12-10	3/4	1-1/16x12	5/8	3.30	83,9	30	32	1.95	49,6
10677-12-12	3/4	1-1/16x12	3/4	3.68	93,5	30	32	2.05	52,0
10677-16-12	1	1-5/16x12	3/4	3.89	98,7	36	41	2.25	57,3
10677-16-16	1	1-5/16x12	1	4.16	105,7	36	41	2.21	56,2
10677-20-16	1-1/4	1-5/8x12	1	4.29	109,1	41	50	2.34	59,5
10677-20-20	1-1/4	1-5/8x12	1-1/4	4.86	123,5	46	50	2.59	65,8



⚠ Refer to Pressure Rating of Hose End Connections chart on page E-43.

A

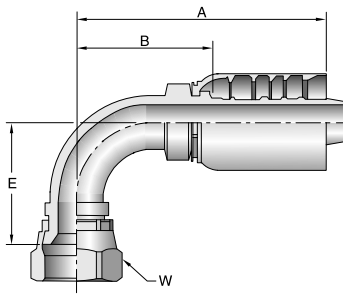


13777

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

# Part Number	Thread		Hose I.D. inch	A		E		W mm	B	
	inch	inch		inch	mm	inch	mm		inch	mm
13777-8-8	1/2	3/4x16	1/2	2.86	72,7	0.59	15	22	1.64	41,8
13777-12-12	3/4	1-1/16x12	3/4	4.37	110,9	0.83	21	32	2.73	69,4
13777-16-16	1	1-5/16x12	1	4.79	121,7	0.94	24	41	2.84	72,2
13777-20-20	1-1/4	1-5/8x12	1-1/4	6.03	153,2	1.26	32	50	3.76	95,5

B



13977

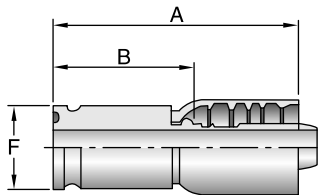
Female JIC 37° - Swivel - 90° Elbow - Short Drop

# Part Number	Thread		Hose I.D. inch	A		E		W mm	B	
	inch	inch		inch	mm	inch	mm		inch	mm
13977-8-8	1/2	3/4x16	1/2	2.78	70,7	1.14	29,0	22	1.56	39,7
13977-12-12	3/4	1-1/16x12	3/4	4.23	107,4	1.89	48,0	32	2.60	66,0
13977-16-16	1	1-5/16x12	1	4.72	119,9	2.93	74,4	41	2.77	70,4
13977-20-20	1-1/4	1-5/8x12	1-1/4	5.81	147,6	3.07	78,0	50	3.54	90,0

C

1 577

Full Flange - Straight - Code 61/62



# Part Number	Flange inch	Hose I.D. inch	A		F inch	B	
			inch	mm		inch	mm
1X577-8-8	1/2	1/2	2.44	62,1	1.02	1.22	31,1
1X577-12-12	3/4	3/4	4.06	103,0	1.37	2.42	61,6
1X577-16-12	1	3/4	4.06	103,0	1.54	2.42	61,6
1X577-16-16	1	1	4.45	113,0	1.54	2.50	63,5
1X577-16-20	1	1-1/4	4.73	120,2	1.54	2.46	62,5
1X577-20-16	1-1/4	1	4.45	113,0	1.81	2.50	63,5
1X577-20-20	1-1/4	1-1/4	4.73	120,2	1.81	2.46	62,5
1X577-24-20	1-1/2	1-1/4	4.85	123,2	2.21	2.58	65,5

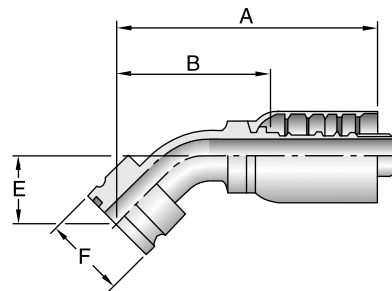
D

E

See Accessories Section for O-Rings and Flange Kits.

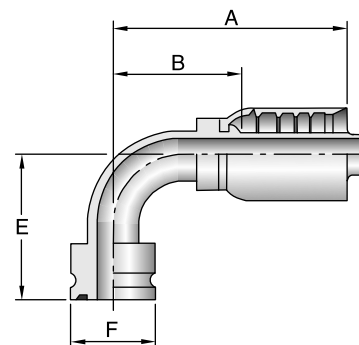
F F nge ° e 6 62

# rt er	F nge inch	se inch	inch		mm		F inch	inch		mm
			inch	mm	inch	mm		inch	mm	
1X777-12-12	3/4	3/4	4.67	118,5	1.12	28,5	1.37	3.03	77,0	
1X777-16-12	1	3/4	4.66	118,3	1.12	28,5	1.54	3.02	76,8	
1X777-16-16	1	1	5.11	129,8	1.26	32,0	1.54	3.16	80,3	
1X777-16-20	1	1-1/4	5.74	145,8	1.50	38,0	1.54	3.47	88,1	
1X777-20-16	1-1/4	1	5.35	135,9	1.50	38,0	1.81	3.40	86,4	
1X777-20-20	1-1/4	1-1/4	6.27	159,3	1.50	38,0	1.81	4.00	101,6	
1X777-24-20	1-1/2	1-1/4	6.51	165,4	1.73	44,0	2.21	4.24	107,7	



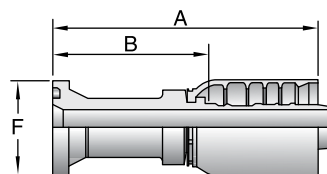
F F nge ° e 6 62

# rt er	F nge inch	se inch	inch		mm		F inch	inch		mm
			inch	mm	inch	mm		inch	mm	
1X977-8-8	1/2	1/2	3.14	79,8	1.69	43,0	1.02	1.92	48,9	
1X977-12-12	3/4	3/4	4.24	107,6	2.38	60,5	1.37	2.60	66,1	
1X977-16-12	1	3/4	4.24	107,6	2.38	60,5	1.54	2.60	66,1	
1X977-12-16	3/4	1	4.33	109,9	2.76	70,0	1.37	2.38	60,5	
1X977-16-16	1	1	4.73	120,1	2.76	70,0	1.54	2.78	70,6	
1X977-16-20	1	1-1/4	5.12	130,1	3.54	90,0	1.54	2.85	72,4	
1X977-20-16	1-1/4	1	4.73	120,1	2.76	70,0	1.81	2.78	70,6	
1X977-20-20	1-1/4	1-1/4	5.81	147,6	3.54	90,0	1.81	3.54	90,0	
1X977-24-20	1-1/2	1-1/4	5.81	147,6	3.54	90,0	2.21	3.54	90,0	

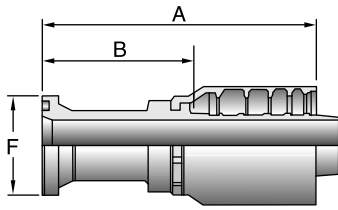


S e 6 F nge e
ISO 12151-3-S-L

# rt er	F nge inch	se inch	inch		mm		F inch	inch		mm
			inch	mm	inch	mm		inch	mm	
11577-8-8	1/2	1/2	3.52	89,6	1-3/16	2.30	58,6			
11577-10-10	5/8	5/8	3.90	99,0	1-11/32	2.55	64,8			
11577-12-12	3/4	3/4	4.23	107,4	1-1/2	2.59	65,9			
11577-16-16	1	1	4.70	119,4	1-3/4	2.75	69,9			

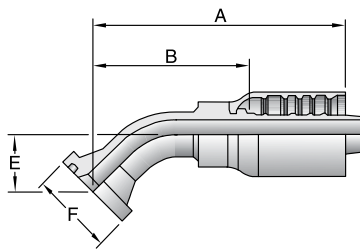


See Accessories Section for O-Rings and Flange Kits.



Series Flange Straight
ISO 12151-3-S-L

#	F nger inch	se inch			F		
			inch	mm	inch	inch	mm
14A77-20-20	1-1/4	1-1/4	5.42	137,7	2	3.15	80,0
14A77-24-20	1-1/2	1-1/4	3.94	100,1	2-3/8	1.67	42,4



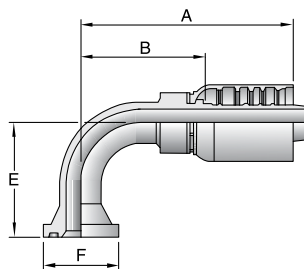
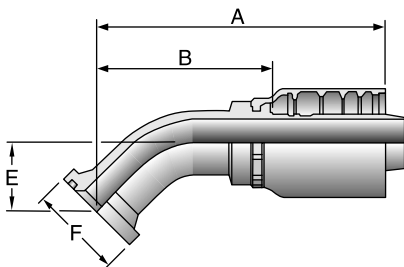
Series Flange
ISO 12151-3-E45S-L (1 Piece: ISO 12151-3-E45M-L)

#	F nger inch	se inch			F				
			inch	mm	inch	mm	inch	mm	
11777-8-8	1/2	1/2	3.11	79,0	0.79	20,0	1-3/16	1.89	48,0
11777-12-12	3/4	3/4	4.57	116,0	1.02	26,0	1-1/2	2.93	74,5
11777-16-16	1	1	5.11	129,8	1.26	32,0	1-3/4	3.16	80,3

F

Series Flange
ISO 12151-3 E45S-L (1 PIECE: ISO 12151-3-E45M-L)

#	F nger inch	se inch			F				
			inch	mm	inch	mm	inch	mm	
14F77-20-20	1-1/4	1-1/4	6.27	159,3	1.50	38	2	4.00	101,6



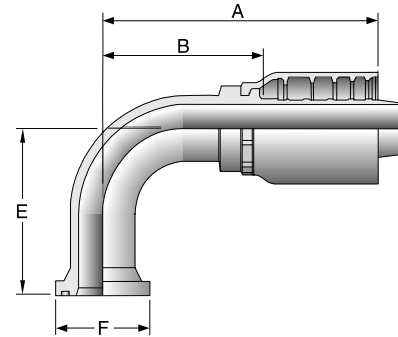
Series Flange
ISO 12151-3-E90S-L (1 Piece: ISO 12151-3-E90M-L)

#	F nger inch	se inch			F				
			inch	mm	inch	mm	inch	mm	
11977-8-8	1/2	1/2	2.99	76,0	1.61	41,0	1-3/16	1.77	45,0
11977-12-12	3/4	3/4	4.24	107,6	2.28	58,0	1-1/2	2.60	66,1
11977-16-16	1	1	4.72	119,9	2.76	70,0	1-3/4	2.77	70,4

See Accessories Section for O-Rings and Flange Kits.

Series 6 Flange
ISO 12151-3-E90S-L (1 PIECE: ISO 12151-3-E90M-L)

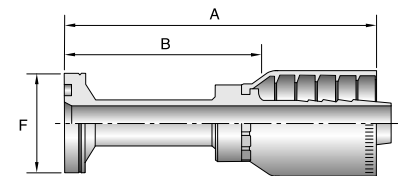
#	Flange	Seal	inch		mm		F	inch		mm	
			inch	mm	inch	mm		inch	mm	inch	mm
14N77-20-20	1-1/4	1-1/4	5.81	147,6	3.54	90	2	3.54	90,0		



6

Series 62 Flange - Straight
ISO 12151-3-S-S

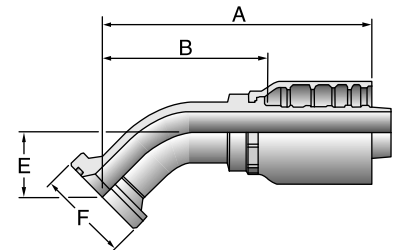
#	Flange	Seal	inch		mm		F	inch		mm	
			inch	mm	inch	mm		inch	mm	inch	mm
16A77-12-10	3/4	5/8	2.95	74,9	1-5/8	1.60	40,7				
16A77-12-12	3/4	3/4	4.49	113,9	1-5/8	2.85	72,5				
16A77-16-12	1	3/4	3.47	88,1	1-7/8	1.83	46,6				
16A77-16-16	1	1	5.26	133,6	1-7/8	3.31	84,1				
16A77-20-16	1-1/4	1	4.05	102,9	2-1/8	2.10	53,4				
16A77-20-20	1-1/4	1-1/4	5.73	145,6	2-1/8	3.46	87,8				
16A77-24-20	1-1/2	1-1/4	4.65	118,1	2-1/2	2.38	60,4				



6F

Series 62 Flange
ISO 12151-3-E45S-S (1 PIECE: ISO 12151-3-E45M-S)

#	Flange	Seal	inch		mm		F	inch		mm	
			inch	mm	inch	mm		inch	mm	inch	mm
16F77-12-12	3/4	3/4	4.57	116,0	1.02	26	1-5/8	2.93	74,5		
16F77-16-16	1	1	5.11	129,8	1.26	32	1-7/8	3.16	80,3		
16F77-16-20	1	1-1/4	5.74	145,8	1.50	38	1-7/8	3.47	88,1		
16F77-20-16	1-1/4	1	5.11	129,8	1.26	32	2-1/8	3.16	80,3		
16F77-20-20	1-1/4	1-1/4	6.27	159,3	1.50	38	2-1/8	4.00	101,6		
16F77-24-20	1-1/2	1-1/4	6.27	159,3	1.50	38	2-1/2	4.00	101,6		



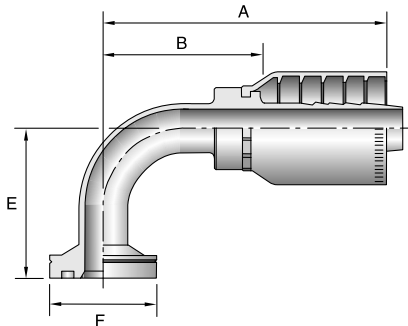
See Accessories Section for O-Rings and Flange Kits.

6

S e 62 F nge e

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

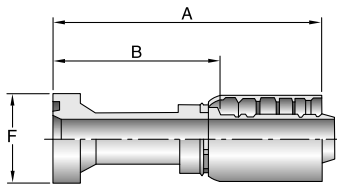
A



#	F nge	se	inch		mm		F	inch		mm	
			inch	mm	inch	mm		inch	mm		
16N77-12-12	3/4	3/4	4.24	107,6	2.28	58	1-5/8	2.60	66,1		
16N77-12-16	3/4	1	4.41	112,0	2.76	70	1-5/8	2.46	62,5		
16N77-16-12	1	3/4	4.24	107,6	2.28	58	1-7/8	2.60	66,1		
16N77-16-16	1	1	4.72	119,9	2.76	70	1-7/8	2.77	70,4		
16N77-16-20	1	1-1/4	5.12	130,1	3.54	90	1-7/8	2.85	72,4		
16N77-20-16	1-1/4	1	4.72	119,9	2.76	70	2-1/8	2.77	70,4		
16N77-20-20	1-1/4	1-1/4	5.81	147,6	3.54	90	2-1/8	3.54	90,0		
16N77-24-20	1-1/2	1-1/4	5.81	147,6	3.54	90	2-1/2	3.54	90,0		

B

ter i r F nge e Str ig t



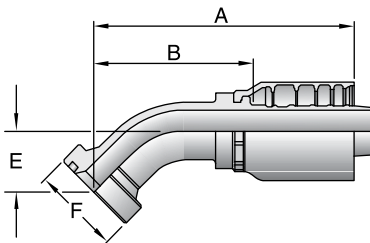
#	F nge	se	inch		mm		F	inch		mm	
			inch	mm	inch	mm		inch	mm		
1XA77-12-12	3/4	3/4	4.48	113,7	1-5/8	2.84	72,2				
1XA77-16-16	1	1	5.54	140,7	1-7/8	3.59	91,2				
1XA77-20-16	1-1/4	1	4.10	104,1	2-1/8	2.15	54,6				
1XA77-20-20	1-1/4	1-1/4	5.98	151,9	2-1/8	3.71	94,2				

C

D

F

ter i r F nge e



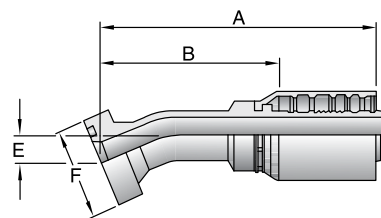
#	F nge	se	inch		mm		F	inch		mm	
			inch	mm	inch	mm		inch	mm		
1XF77-12-12	3/4	3/4	4.57	116,0	1.22	31,0	1-5/8	2.93	74,5		
1XF77-16-16	1	1	5.26	133,6	1.42	36,0	1-7/8	3.31	84,1		
1XF77-20-16	1-1/4	1	5.26	133,6	1.42	36,0	2-1/8	3.31	84,1		
1XF77-20-20	1-1/4	1-1/4	6.23	158,2	1.46	37,0	2-1/8	3.96	100,6		
1XF77-24-20	1-1/2	1-1/4	6.23	158,2	1.46	37,0	2-1/2	3.96	100,6		

E

See Accessories Section for O-Rings and Flange Kits.

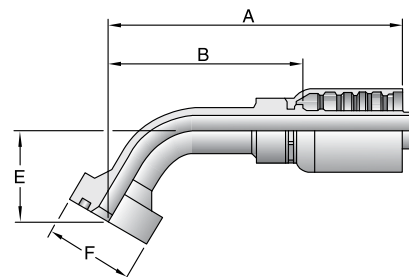
ter i r F nge e 22 2

#	F nge inch	se inch	inch		mm		F		
			inch	mm	inch	mm	inch	inch	mm
1XB77-16-16	1	1	5.66	143,8	0.55	14,0	1-7/8	3.71	94,2
1XB77-20-20	1-1/4	1-1/4	6.60	167,7	0.58	14,7	2-1/8	4.33	109,9



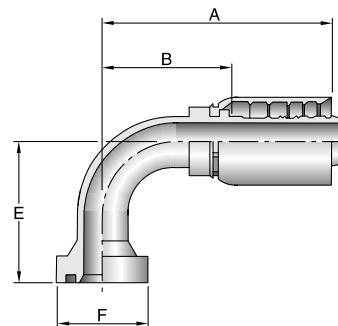
ter i r F nge e 6

#	F nge inch	se inch	inch		mm		F		
			inch	mm	inch	mm	inch	inch	mm
1XG77-12-12	3/4	3/4	5.35	135,8	1.65	42,0	1-5/8	3.71	94,3
1XG77-16-16	1	1	5.98	151,9	1.97	50,0	1-7/8	4.03	102,4
1XG77-20-20	1-1/4	1-1/4	7.74	196,6	2.01	51,0	2-1/8	5.47	138,9



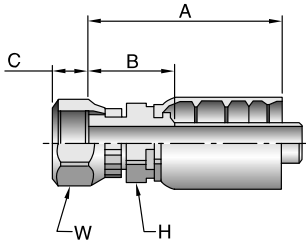
ter i r F nge e °

#	F nge inch	se inch	inch		mm		F		
			inch	mm	inch	mm	inch	inch	mm
1XN77-12-12	3/4	3/4	4.23	107,4	2.48	63,0	1-5/8	2.59	65,9
1XN77-16-16	1	1	4.73	120,1	2.91	74,0	1-7/8	2.78	70,5
1XN77-20-16	1-1/4	1	4.73	120,1	2.91	74,0	2-1/8	2.78	70,5
1XN77-20-20	1-1/4	1-1/4	5.81	147,6	3.70	94,0	2-1/8	3.54	90,0
1XN77-24-20	1-1/2	1-1/4	5.81	147,6	3.03	77,0	2-1/2	3.54	90,0



See Accessories Section for O-Rings and Flange Kits.

A

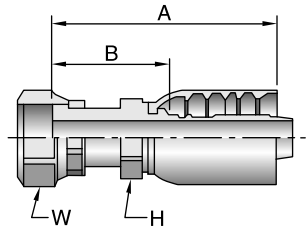


Female Seal Size Straight Short
ISO 12151-1-SWSA

#	Worm		Bore		Length		Hex		Hex		
	Port	Thread	Seal	inch	inch	mm	inch	inch	inch	mm	
1JC77-8-8	1/2	13/16x16	1/2	2.35	59,8	0.43	11	22	24	1.13	28,8
1JC77-10-10	5/8	1x14	5/8	2.75	69,8	0.48	12	24	30	1.40	35,6

S

Female Seal Size Straight Long
ISO 12151-1-SWSB



#	Worm		Bore		Length		Hex		Hex	
	Port	Thread	Seal	inch	inch	mm	inch	inch	inch	mm
1JS77-8-8	1/2	13/16x16	1/2	2.80	71,2	22	24	1.58	40,2	
1JS77-10-8	5/8	1x14	1/2	2.95	75,0	24	30	1.73	44,0	
1JS77-10-10	5/8	1x14	5/8	3.21	81,5	24	30	1.86	47,3	
1JS77-12-8	3/4	1-3/16x12	1/2	3.15	80,1	30	36	1.93	49,1	
1JS77-12-10	3/4	1-3/16x12	5/8	3.35	85,1	30	36	2.00	50,8	
1JS77-12-12	3/4	1-3/16x12	3/4	3.68	93,4	30	36	2.04	51,9	
1JS77-12-16	3/4	1-3/16x12	1	4.18	106,2	36	36	2.23	56,7	
1JS77-16-12	1	1-7/16x12	3/4	3.90	99,0	36	41	2.26	57,5	
1JS77-16-16	1	1-7/16x12	1	4.19	106,4	36	41	2.24	56,9	
1JS77-16-20	1	1-7/16x12	1-1/4	4.71	119,7	46	41	2.44	62,0	
1JS77-20-16	1-1/4	1-11/16x12	1	4.29	108,9	41	50	2.34	59,5	
1JS77-20-20	1-1/4	1-11/16x12	1-1/4	4.78	121,4	46	50	2.51	63,8	

B

C

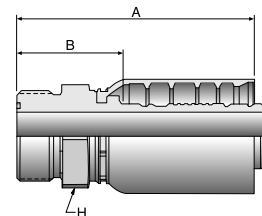
D

E

See Accessories Section for O-Rings and Flange Kits.

Male Seal-Lok® - Rigid - Straight - (with O-Ring)
ISO 12151-1-S

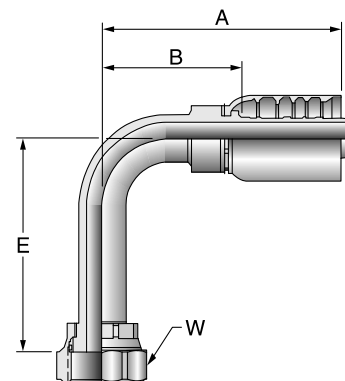
# Part Number	Thread inch	Hose I.D. inch	A		H	B	
			inch	mm	mm	inch	mm
1J077-10-8	1x14	1/2	2.67	67,9	27	1.45	36,9
1J077-12-10	1-3/16x12	5/8	2.97	75,4	30	1.62	41,2
1J077-12-12	1-3/16x12	3/4	3.27	82,9	32	1.63	41,5
1J077-16-12	1-7/16x12	3/4	3.32	84,3	41	1.68	42,8
1J077-16-16	1-7/16x12	1	3.74	95,0	41	1.79	45,5
1J077-20-16	1-11/16x12	1	3.68	93,4	46	1.73	43,9



1J177

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

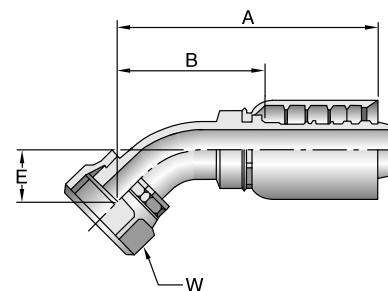
# Part Number	Thread inch	Hose I.D. inch	A		E		W	B	
			inch	mm	inch	mm	mm	inch	mm
1J177-8-8	13/16x16	1/2	2.77	70,5	2.52	64	24	1.55	39,5
1J177-10-10	1x14	5/8	3.21	81,5	2.76	70	30	1.86	47,3
1J177-12-12	1-13/16x12	3/4	4.23	107,4	3.78	96	36	2.59	65,9
1J177-16-16	1-7/16x12	1	4.73	120,1	4.49	114	41	2.78	70,6



1J777

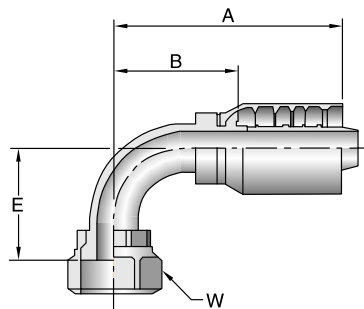
Female Seal-Lok® - Swivel - 45° Elbow
ISO 12151-1-SWE45

# Part Number	Thread inch		Hose I.D. inch	A		E		W	B	
	inch	mm		inch	mm	inch	mm	inch	mm	
1J777-8-8	1/2	13/16x16	1/2	2.86	72,7	0.59	15	24	1.64	41,8
1J777-10-10	5/8	1x14	5/8	3.28	83,3	0.63	16	30	1.93	49,0
1J777-12-12	3/4	1-3/16x12	3/4	4.39	111,4	0.83	21	36	2.75	69,9
1J777-16-16	1	1-7/16x12	1	4.79	121,7	0.94	24	41	2.84	72,2
1J777-20-20	1-1/4	1-11/16x12	1-1/4	5.69	144,6	0.98	25	50	3.42	86,8



See Accessories Section for O-Rings and Flange Kits.

A

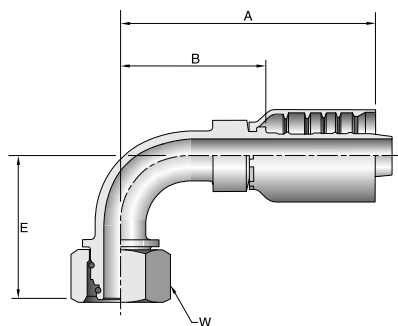


1J977

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

# Part Number	Thread inch	Hose I.D. inch	A		E		W mm	B	
			inch	mm	inch	mm		inch	mm
1J977-8-8	1/2 13/16x16	1/2	2.78	70,7	1.14	29	24	1.56	39,7
1J977-10-10	5/8 1x14	5/8	3.21	81,5	1.26	32	30	1.86	47,3
1J977-12-12	3/4 1-3/16x12	3/4	4.23	107,5	1.89	48	36	2.60	66,0
1J977-16-16	1 1-7/16x12	1	4.73	120,1	2.20	56	41	2.78	70,6
1J977-16-20	1 1-7/16x12	1-1/4	5.12	130,1	2.20	56	41	2.85	72,4
1J977-20-20	1-1/4 1-11/16x12	1-1/4	5.73	145,5	2.52	64	50	3.46	87,9

B



11C77

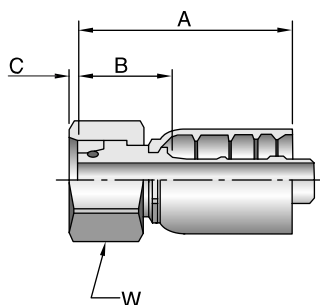
Female Metric S - Swivel - 90° Elbow - (24° Cone with O-Ring)
ISO 12151-2-SWE

# Part Number	Thread inch	Hose I.D. inch	A		E		W mm	B	
			inch	mm	inch	mm		inch	mm
11C77-16-8	M24x1,5	1/2	3.03	77	1.77	45	30	1.65	45
11C77-20-12	M30x2	3/4	4.25	108	2.36	60	36	2.44	62
11C77-25-12	M36x2	3/4	4.25	108	2.32	59	46	2.44	62
11C77-30-16	M42x2	1	5.16	131	2.72	69	50	3.03	77
11C77-38-20	M52x2	1-1/4	5.94	151	3.07	78	60	3.42	87

C

D

E



1C977

Female Metric S - Swivel - Straight (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
1C977-16-8	16 M24x1,5	1/2	2.34	59,5	0.09	2,0	30	1.12	28,5
1C977-20-10	20 M30x2	5/8	2.64	67,0	0.05	1,0	36	1.29	32,8
1C977-20-12	20 M30x2	3/4	2.99	76,0	0.07	1,9	36	1.18	30,0
1C977-25-12	25 M36x2	3/4	3.00	76,5	0.10	3,0	46	1.37	35,0
1C977-30-16	30 M42x2	1	3.50	89,0	0.19	5,0	50	1.55	39,5
1C977-38-20	38 M52x2	1-1/4	3.86	98,0	0.27	6,9	60	1.38	35,0

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

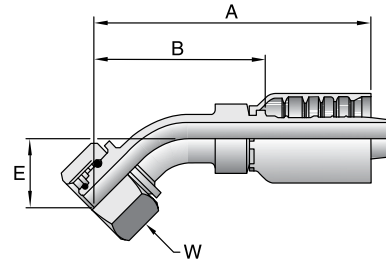
See Accessories Section for O-Rings and Flange Kits.

10C77

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

ISO 12151-2-SWE-45

# Part Number	Thread mm	Hose I.D. inch	A		E		W inch	B	
			inch	mm	inch	mm		inch	mm
10C77-16-8	16 M24x1,5	1/2	3.26	82,9	0.93	23,5	30	2.04	51,9
10C77-20-10	20 M30x2	5/8	4.21	106,9	1.10	28,0	36	2.86	72,7
10C77-25-12	25 M36x2	3/4	4.69	119,0	1.14	29,0	46	3.05	77,6
10C77-30-16	30 M42x2	1	5.59	142,0	1.30	33,0	50	3.64	92,5
10C77-38-20	38 M52x2	1-1/4	6.33	160,8	1.44	36,5	60	4.06	103,1

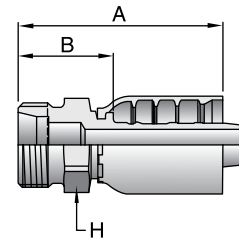


1D277

Male Metric S - Rigid - (24° Cone)

End Connection per ISO 8434-1-BHS

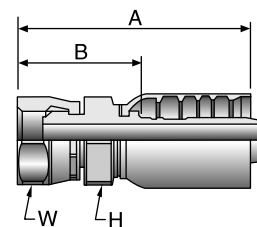
# Part Number	Thread mm	Hose I.D. inch	A		H mm	B	
			inch	mm		inch	mm
1D277-16-8	M24x1,5	1/2	2.53	64,4	24	1.31	33,4
1D277-20-10	M30x2	5/8	2.85	72,4	30	1.50	38,1
1D277-25-12	M36x2	3/4	3.39	86,3	36	1.76	44,8
1D277-30-16	M42x3	1	3.91	99,3	46	1.96	49,8
1D277-38-20	M52x2	1-1/4	4.50	114,3	55	2.23	56,6



1G 77

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

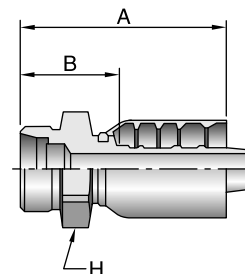
# Part Number	Thread inch	Hose I.D. inch	A		H inch	W inch	B	
			inch	mm			inch	mm
1GU77-12-12	3/4x14	3/4	3.74	94,9	36	36	2.10	53,4
1GU77-16-16	1x11	1	4.33	110,0	41	41	2.38	60,5

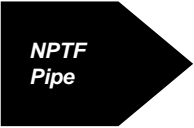
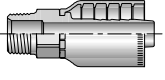

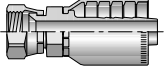
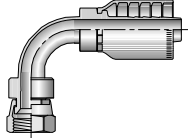

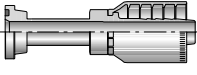
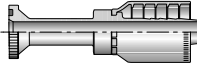
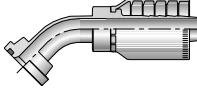
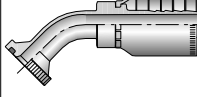
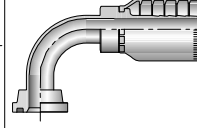
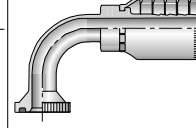

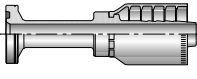
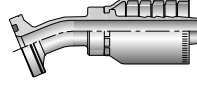
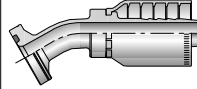
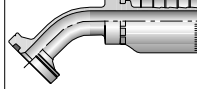
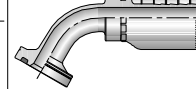
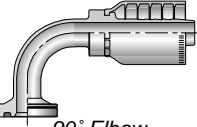

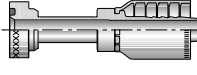
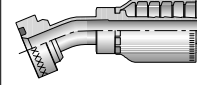
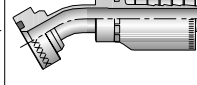
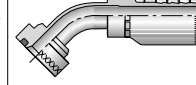
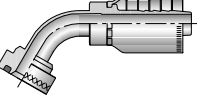
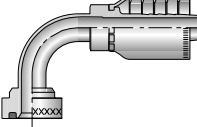

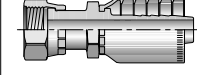
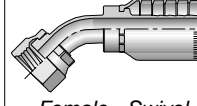
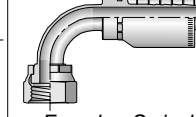

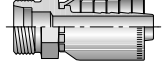

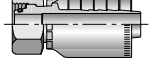
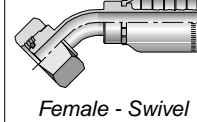
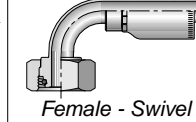

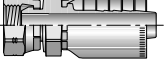


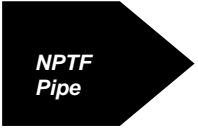
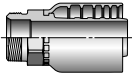

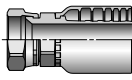

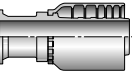
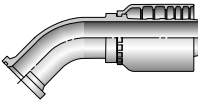
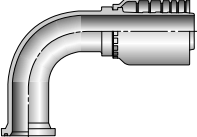

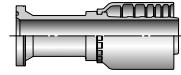
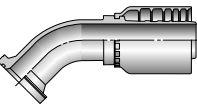
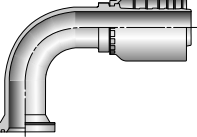

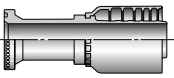

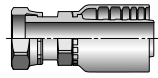
1ZM77

Male 24° Cone Metric - Rigid - Straight

# Part Number	Thread mm	Hose I.D. inch	A		H mm	B	
			inch	mm		inch	mm
1ZM77-22-10	M30x1,5	5/8	2.83	71,8	36	1.48	37,6
1ZM77-28-12	M36x1,5	3/4	3.38	85,8	41	1.74	44,3
1ZM77-28-16	M36x1,5	1	3.77	95,8	41	1.82	46,2
1ZM77-35-16	M45x1,5	1	3.85	97,8	50	1.90	48,3



A		10178 B-110		10678 B-110	13978 B-110	
		 Male - Rigid		 Female - Swivel	 Female - Swivel	
	11578 B-110	14A78 B-111	11778 B-111	14F78 B-111	11978 B-111	14N78 B-112
	 Flange	 Flange (5000 psi)	 45° Elbow	 45° Elbow (5000 psi)	 90° Elbow	 90° Elbow (5000 psi)
B		16A78 B-112	16B78 B-112	16E78 B-112	16F78 B-113	16G78 B-113
		 Flange	 22-1/2° Elbow	 30° Elbow	 45° Elbow	 60° Elbow
C	16N78 B-113		1XA78 B-114	1XB78 B-114	1XE78 B-114	1XF78 B-115
	 90° Elbow		 Flange	 22-1/2° Elbow	 30° Elbow	 45° Elbow
D	1XG78 B-115	1XN78 B-115		1JS78 B-116	1J778 B-116	1J978 B-116
	 60° Elbow	 90° Elbow		 Female - Swivel Long	 Female - Swivel 45° Elbow	 Female - Swivel 90° Elbow - Short
E		1D278 B-117		1C978 B-117	10C78 B-117	11C78 B-117
		 Male - Rigid		 Female - Rigid	 Female - Swivel 45° Elbow	 Female - Swivel 90° Elbow
		1GU78 B-117				
		 Female - Swivel				

 <p>NPTF Pipe</p>	<p>101S6 B-118</p>  <p><i>Male - Rigid</i></p>	 <p>JIC 37</p>	<p>106S6 B-118</p>  <p><i>Female - Swivel</i></p>	 <p>Code Flange</p>	<p>14AS6 B-118</p>  <p><i>Flange (5000 psi)</i></p>
<p>14FS6 B-118</p>  <p><i>45 Elbow (5000 psi)</i></p>	<p>14NS6 B-118</p>  <p><i>90 Elbow (5000 psi)</i></p>	 <p>Code Flange</p>	<p>16AS6 B-119</p>  <p><i>Flange Head - Straight</i></p>	<p>16FS6 B-119</p>  <p><i>45° Elbow</i></p>	<p>16NS6 B-119</p>  <p><i>90° Elbow</i></p>
 <p>Caterpillar® Flange</p>	<p>1XAS6 B-119</p>  <p><i>Flange</i></p>	 <p>Seal-Lok® (O-Ring Face Seal)</p>	<p>1JSS6 B-119</p>  <p><i>Female - Swivel</i></p>		

A

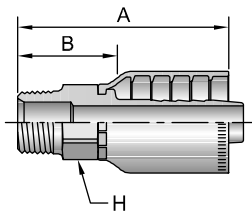
B

C

D

E

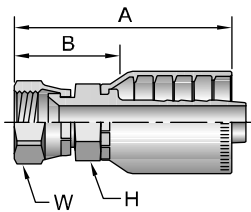
10178 Male NPTF Pipe - Rigid



# Part Number	Thread inch	Hose I.D. inch	A		H		B	
			inch	mm	inch	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	

All sizes of 10178 fittings are rated at 5,000 psi working pressure.

10678 Female JIC 37° - Swivel

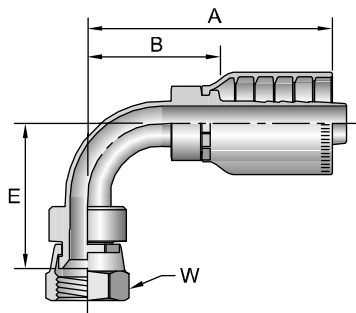


# Part Number	Thread inch	Hose I.D. inch	A		H	W	B		Additional Material Stainless Steel (C)	
			inch	mm	inch	inch	inch	mm		
10678-12-12	3/4	1-1/16x12	3/4	3.66	93	1-1/8	1-1/4	1.90	48	•
10678-16-12	1	1-5/16x12	3/4	3.90	99	1-3/8	1-1/2	2.14	54	•
10678-16-16	1	1-5/16x12	1	4.03	102	1-3/8	1-1/2	2.18	55	•
10678-20-20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

⚠ Refer to Pressure Rating of Hose End Connections chart on page E-43.

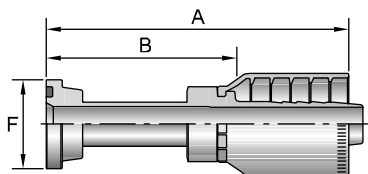
13978 Female JIC 37° - Swivel - 90° Elbow - Short Drop



# Part Number	Thread inch	Hose I.D. inch	A		E		W		B	
			inch	mm	inch	mm	inch	inch	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.

11578 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
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

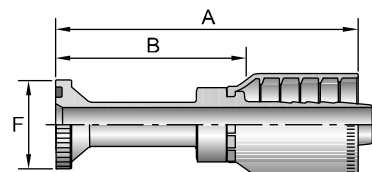
See Accessories Section for O-Rings and Flange Kits.

14A78

SAE Code 61 Flange Head - 5 000 psi

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

# Part Number	Flange inch	Hose I.D. inch	A		F inch	B	
			inch	mm		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

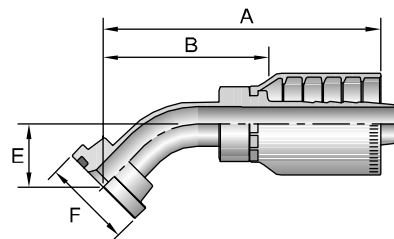


11778

SAE Code 61 Flange Head - 45° Elbow

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

# Part Number	Flange inch	Hose I.D. inch	A		E		F inch	B	
			inch	mm	inch	mm		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

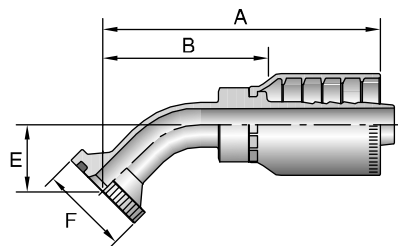


14F78

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

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

# Part Number	Flange inch	Hose I.D. inch	A		E		F inch	B	
			inch	mm	inch	mm		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

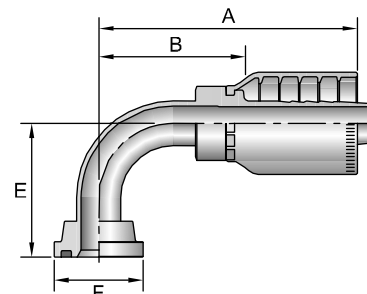


11978

SAE Code 61 Flange Head - 90° Elbow

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

# Part Number	Flange inch	Hose I.D. inch	A		E		F inch	B	
			inch	mm	inch	mm		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

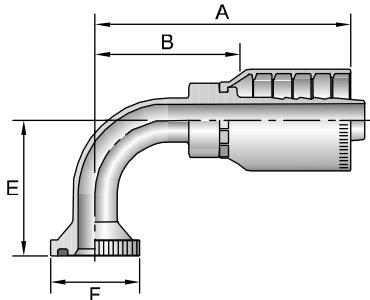


See Accessories Section for O-Rings and Flange Kits.

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)

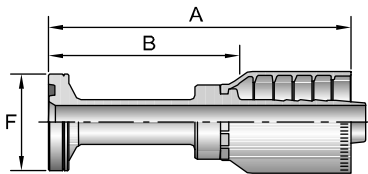


# Part Number	Flange inch	Hose I.D. inch	A		E		F		B	
			inch	mm	inch	mm	inch	inch	mm	
14N78-20-16	1-1/4	1	4.63	118	2.76	70	2	2.78	71	
14N78-20-20	1-1/4	1-1/4	6.09	155	3.54	90	2	3.70	94	
14N78-24-24	1-1/2	1-1/2	6.52	166	4.09	104	2-3/8	4.31	109	

16A78

SAE Code 62 Flange Head

ISO 12151-3 - S - S

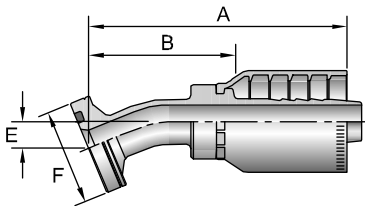


# Part Number	Flange inch	Hose I.D. inch	A		F	B	
			inch	mm	inch	inch	mm
16A78-12-12	3/4	3/4	4.60	117	1-5/8	2.84	72
16A78-16-12	1	3/4	3.57	91	1-7/8	1.81	46
16A78-16-16	1	1	5.16	131	1-7/8	3.31	84
16A78-20-16	1-1/4	1	3.95	100	2-1/8	2.10	53
16A78-20-20	1-1/4	1-1/4	5.85	149	2-1/8	3.46	88
16A78-24-20	1-1/2	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

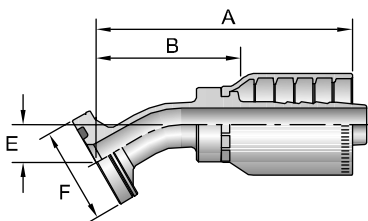


# Part Number	Flange inch	Hose I.D. inch	A		E		F		B	
			inch	mm	inch	mm	inch	inch	mm	
16B78-16-16	1	1	4.57	116	0.46	12	1-7/8	2.72	60	

16E78

SAE Code 62 Flange Head - 30° Elbow

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



# Part Number	Flange inch	Hose I.D. inch	A		E		F		B	
			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	

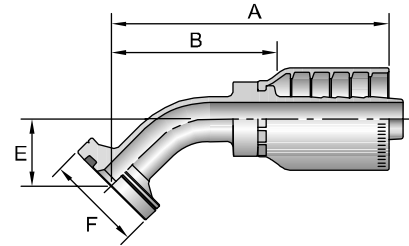
See Accessories Section for O-Rings and Flange Kits.

16F78

SAE Code 62 Flange Head - 45° Elbow

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

# Part Number	Flange inch	Hose I.D. inch	A		E		F inch	B	
			inch	mm	inch	mm		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



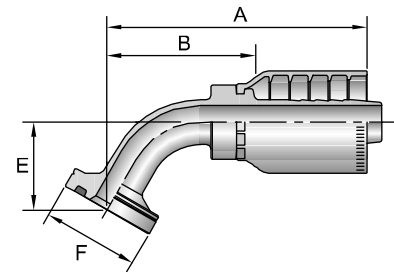
A

16G78

SAE Code 62 Flange Head - 60° Elbow

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

# Part Number	Flange inch	Hose I.D. inch	A		E		F inch	B	
			inch	mm	inch	mm		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



B

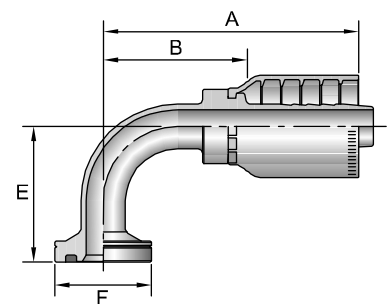
C

16N78

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 inch	B	
			inch	mm	inch	mm		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

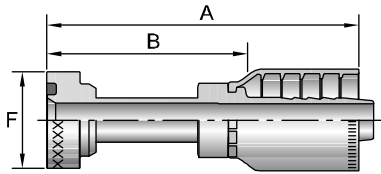


D

E

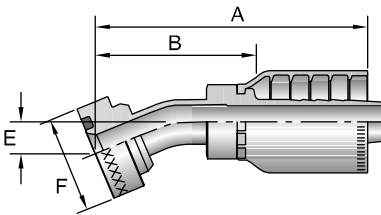
See Accessories Section for O-Rings and Flange Kits.

1 A78 Caterpillar® Flange Head



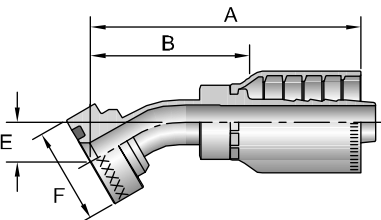
# Part Number	Flange inch	Hose I.D. inch	A		F		B	
			inch	mm	inch	inch	mm	
1XA78-12-12	3/4	3/4	4.85	123,2	1-5/8	3.09	78,5	
1XA78-16-12	1	3/4	5.29	134,4	1-7/8	3.53	89,7	
1XA78-16-16	1	1	5.44	138,2	1-7/8	3.59	91,2	
1XA78-20-16	1-1/4	1	5.65	143,5	2-1/8	3.80	96,5	
1XA78-20-20	1-1/4	1-1/4	6.10	154,9	2-1/8	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	

1 B78 Caterpillar® Flange Head - 22-1/2° Elbow



# Part Number	Flange inch	Hose I.D. inch	A		E		F		B	
			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	

1 E78 Caterpillar® Flange Head - 30° Elbow



# Part Number	Flange inch	Hose I.D. inch	A		E		F		B	
			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	

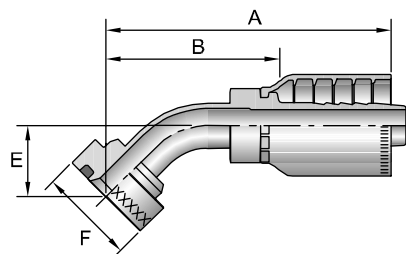
Caterpillar style fittings conform to the bolt hole patterns of SAE Code 62 and require special flange halves and seals. The Caterpillar style flange heads are thicker than SAE Code 62 and measure to a .560 thickness in all sizes.

See Accessories Section for O-Rings and Flange Kits.

1 F78

Caterpillar® Flange Head - 45° Elbow

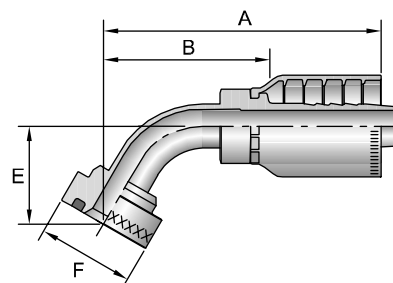
# Part Number	Flange inch	Hose I.D. inch	A		E		F inch	B	
			inch	mm	inch	mm		inch	mm
1XF78-12-12	3/4	3/4	4.82	122	1.21	31	1-5/8	3.06	78
1XF78-16-12	1	3/4	4.81	120	1.20	30	1-7/8	3.05	77
1XF78-16-16	1	1	5.46	139	1.43	36	1-7/8	3.61	92
1XF78-20-16	1-1/4	1	5.46	139	1.43	36	2-1/8	3.61	92
1XF78-20-20	1-1/4	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



1 G78

Caterpillar® Flange Head - 60° Elbow

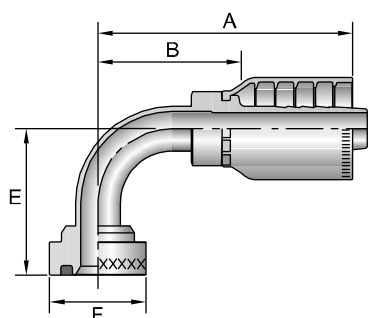
# Part Number	Flange inch	Hose I.D. inch	A		E		F inch	B	
			inch	mm	inch	mm		inch	mm
1XG78-16-16	1	1	5.13	130	1.96	50	1-7/8	3.28	83
1XG78-20-20	1-1/4	1-1/4	6.72	171	2.02	51	2-1/8	4.33	110
1XG78-24-24	1-1/2	1-1/2	6.87	174	2.04	52	2-1/2	4.67	119



1 N78

Caterpillar® Flange Head - 90° Elbow

# Part Number	Flange inch	Hose I.D. inch	A		E		F inch	B	
			inch	mm	inch	mm		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

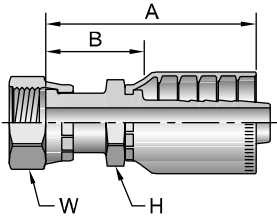


Caterpillar style fittings conform to the bolt hole patterns of SAE Code 62 and require special flange halves and seals. The Caterpillar style flange heads are thicker than SAE Code 62 and measure to a .560 thickness in all sizes.

See Accessories Section for O-Rings and Flange Kits.

1JS78

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

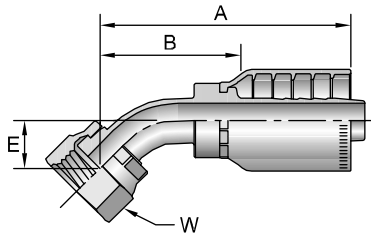


# Part Number	Thread		Hose I.D. inch	A		H inch	W inch	B	
	inch	inch		inch	mm			inch	mm
1JS78-12-12	3/4	1-3/16x12	3/4	3.70	94	1-1/8	1-3/8	1.94	49
1JS78-16-16	1	1-7/16x12	1	4.03	102	1-3/8	1-5/8	2.18	55
1JS78-20-16	1-1/4	1-11/16x12	1	3.99	101	1-3/4	1-7/8	2.14	54
1JS78-20-20	1-1/4	1-11/16x12	1-1/4	4.62	117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

⚠ Refer to Pressure Rating of Hose End Connections chart on page E-43.

1J778

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

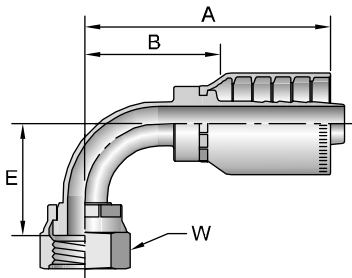


# Part Number	Thread		Hose I.D. inch	A		E		W inch	B	
	inch	inch		inch	mm	inch	mm		inch	mm
1J778-12-12	3/4	1-3/16x12	3/4	4.11	104	0.81	21	1-3/8	2.35	60
1J778-16-16	1	1-7/16x12	1	4.69	119	0.94	24	1-5/8	2.84	72
1J778-20-20	1-1/4	1-11/16x12	1-1/4	5.78	147	0.98	25	1-7/8	3.29	84
1J778-24-24	1-1/2	2x12	1-1/2	6.91	176	1.56	40	2-1/4	4.70	119

⚠ Refer to Pressure Rating of Hose End Connections chart on page E-43.

1J978

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



# Part Number	Thread		Hose I.D. inch	A		E		W inch	B	
	inch	inch		inch	mm	inch	mm		inch	mm
1J978-12-12	3/4	1-3/16x12	3/4	3.97	100	1.89	48	1-3/8	2.21	56
1J978-16-16	1	1-7/16x12	1	4.62	117	2.21	56	1-5/8	2.77	70
1J978-20-20	1-1/4	1-11/16x12	1-1/4	5.82	148	2.52	64	1-7/8	3.43	87
1J978-24-24	1-1/2	2x12	1-1/2	6.58	167	2.70	69	2-1/4	4.37	111

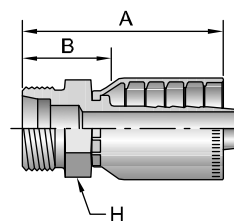
⚠ Refer to Pressure Rating of Hose End Connections chart on page E-43.

See Accessories Section for O-Rings and Flange Kits.

1D278

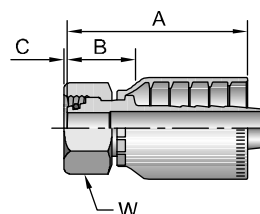
Fe e etri S igi 2 ne

#	re		se	inch		mm		inch		mm	
	er	mm		inch	mm	mm	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			



Fe e etri S S ie 2 ne it ing

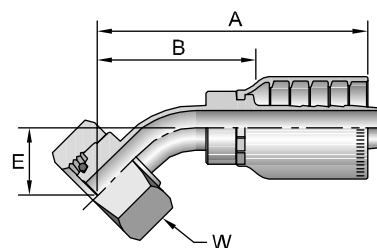
#	re		se	inch		mm		inch		mm	
	er	mm		inch	mm	mm	mm	inch	mm		
1C978-25-12	25	M36x2	3/4	3.12	79	0.10	3	46	1.36	35	
1C978-30-16	30	M42x2	1	3.40	86	0.19	5	50	1.55	39	
1C978-38-20	38	M52x2	1-1/4	3.98	101	0.23	6	60	1.59	40	



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

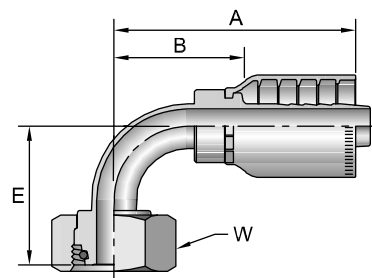
Fe e etri S S ie 2 ne it ing
 ISO 12151-2 - SWE45 - S

#	re		se	inch		mm		inch		mm	
	er	mm		inch	mm	mm	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	



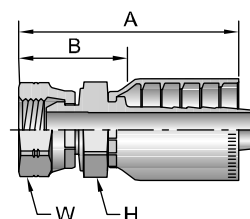
Fe e etri S S ie 2 ne it ing
 ISO 12151-2 - SWE - S

#	re		se	inch		mm		inch		mm	
	er	mm		inch	mm	mm	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	



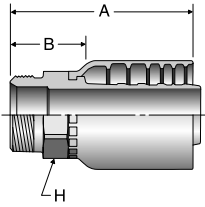
Fe e S r e i e S ie 6 ne

#	re		se	inch		mm		inch		mm	
	er	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 Section for O-Rings and Flange Kits.

A

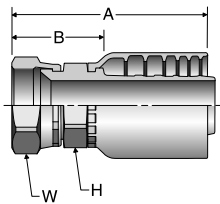


S6
e F i e i g i

#	re inch	se inch	F		F		F	
			inch	mm	inch	mm	inch	mm
101S6-32-32	2 x 11 1/2	2	5.88	149,5	2-1/2	2.44	61,9	

101S6 is rated at 5,000 psi working pressure.

B

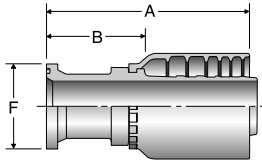


6S6
F e e S i e

#	re inch	se inch	F		F		F	
			inch	mm	inch	mm	inch	mm
106S6-32-32	2 1/2 x 12	2	6.52	165,7	2.5	3.08	78,2	

106S6 is rated at 5,000 psi working pressure.

C

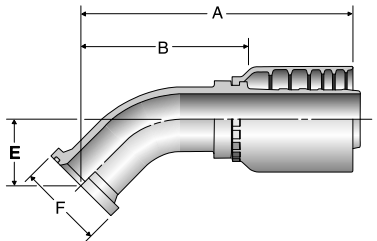


S6
S e 6 F n g e e si

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

#	F n g e in	se inch	F		F		F	
			inch	mm	inch	mm	inch	mm
14AS6-32-32	2	2	6.72	170,8	2-13/16	3.28	83,3	-

D

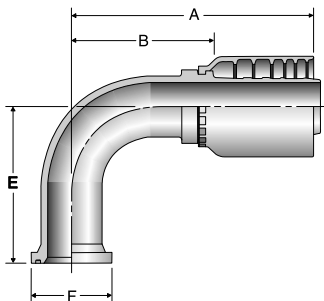


FS6
S e 6 F n g e e si

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

#	F n g e in	se inch	F		F		F	
			inch	mm	inch	mm	inch	mm
14FS6-32-32	2	2	8.70	221,1	2-13/16	5.26	133,6	2.205 56,0

E



S6
S e 6 F n g e e si

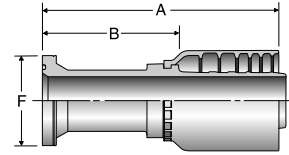
ISO 12151-3-E-90S-L (1 Piece: ISO 12151-3-E90M-L) (5,000 psi)

#	F n g e in	se inch	F		F		F	
			inch	mm	inch	mm	inch	mm
14NS6-32-32	2	2	8.41	213,7	2-13/16	4.97	126,2	5.433 138,0

6 S6

Series 62 Flange
ISO 12151-3-S-S

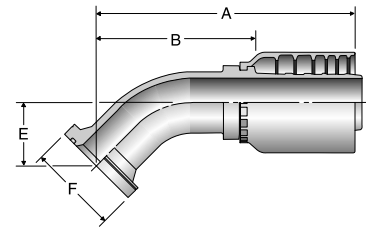
#	Flange inch	Seal inch	F		F		F		F	
			inch	mm	inch	mm	inch	mm	inch	mm
16AS6-32-32	2	2	8.21	208,6	3-1/8	4.77	121,1	-	-	-



6FS6

Series 62 Flange
ISO 12151-3-E45S-S (1 Piece: ISO 1251-3-E45-M-S)

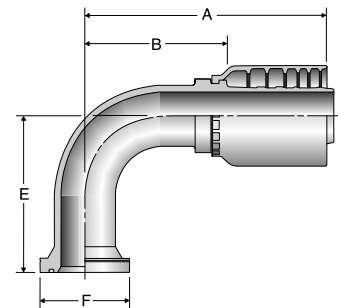
#	Flange inch	Seal inch	F		F		F		F	
			inch	mm	inch	mm	inch	mm	inch	mm
16FS6-32-32	2	2	8.70	221,1	3-1/8	5.26	133,6	2.205	56,0	-



6 S6

Series 62 Flange
ISO 12151-3-E90S-S (1 Piece: ISO 1251-3-E90M-S)

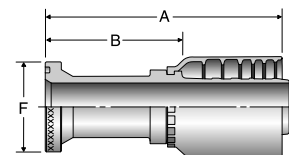
#	Flange inch	Seal inch	F		F		F		F	
			inch	mm	inch	mm	inch	mm	inch	mm
16NS6-32-32	2	2	8.41	213,7	3-1/8	4.97	126,2	5.43	138,0	-



S6

Series 62 Flange

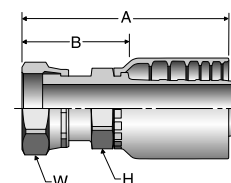
#	Flange inch	Seal inch	F		F		F		F	
			inch	mm	inch	mm	inch	mm	inch	mm
IXAS6-32-32	2	2	8.21	208,6	3-1/8	4.77	121	-	-	-



SS6

Series 62 Flange
ISO 12151-1-SWSB

#	Flange inch	Seal inch	F		F		F		F	
			inch	mm	inch	mm	inch	mm	inch	mm
1JSS6-32-32	2-1/2X12	2	6.46	164,2	2.5	2-7/8	3.02	76,7	-	-




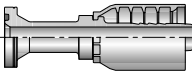
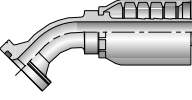
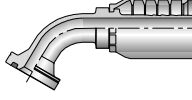
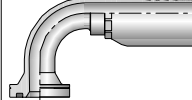

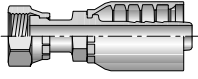
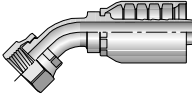
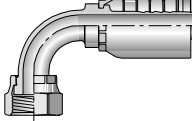

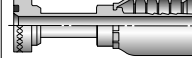
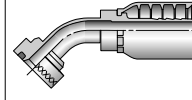
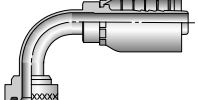
A

B

C

D

E

 <p>Code Flange</p>	<p>16A79 B-122</p>  <p>Flange</p>	<p>16F79 B-122</p>  <p>45° Elbow</p>	<p>16G79 B-122</p>  <p>60° Elbow</p>	<p>16N79 B-123</p>  <p>90° Elbow</p>	 <p>Seal-Lok® (O-Ring Face Seal)</p>
<p>1JS79 B-123</p>  <p>Female - Swivel Long</p>	<p>1J779 B-123</p>  <p>Female - Swivel 45° Elbow</p>	<p>1J979 B-124</p>  <p>Female - Swivel 90° Elbow - Short</p>	 <p>Flange ead</p>	<p>1XA79 B-124</p>  <p>Flange Head</p>	<p>1XF79 B-124</p>  <p>45° Elbow</p>
<p>1XN79 B-124</p>  <p>90° Elbow</p>					

A

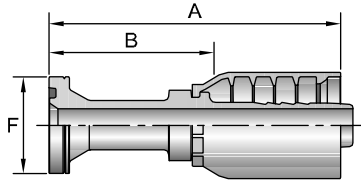
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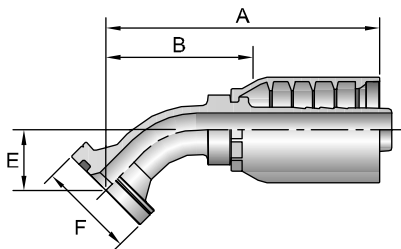
A



6
Series 62 Flange
ISO 12151-3 - S - S

#	Port Fitting inch	Seal inch	Hose		F		
			inch	mm	inch	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

B

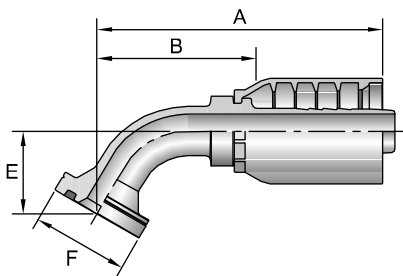


6F
Series 62 Flange
ISO 12151-3 - E45S - S (1 Piece: ISO 12151-3 - E45M - S)

#	Port Fitting inch	Seal inch	Hose		F				
			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

C

D



6
Series 62 Flange
ISO 12151-3 - E60S - S (1 Piece: ISO 12151-3 - E60M - S)

#	Port Fitting inch	Seal inch	Hose		F				
			inch	mm	inch	mm	inch	mm	
16G79-16-16	1	1	6.18	157	1.73	44	1-7/8	4.01	102

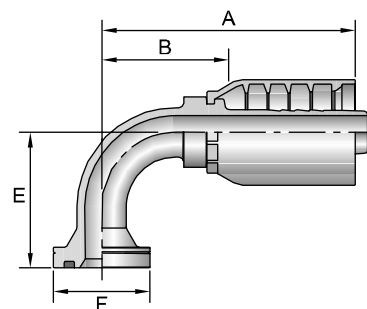
E

See Accessories Section for O-Rings and Flange Kits.

6

Series 62 Flange
ISO 12151-3 - E90S - S (1 Piece: ISO 12151-3 - E90M - S)

#	Flange inch	Seal inch	Hose		Hose		F		
			inch	mm	inch	mm	inch	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

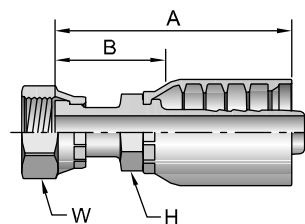


A

S

Series Sealing
ISO 12151-1 - SWSB

#	Flange inch	Seal inch	Hose		Hose		F		
			inch	mm	inch	inch	inch	inch	mm
1JS79-12-12	3/4	3/4	3.99	101	1-1/8	1-3/8	1.93	49	
1JS79-16-12	1	3/4	4.26	108	1-3/8	1-5/8	2.20	56	
1JS79-16-16	1	1	4.45	113	1-3/8	1-5/8	2.28	58	
1JS79-20-16	1-1/4	1	4.32	110	1-3/4	1-7/8	2.15	55	
1JS79-20-20	1-1/4	1-1/4	5.00	127	1-3/4	1-7/8	2.32	59	
1JS79-24-24	1-1/2	1-1/2	5.28	134	2	2-1/4	2.24	57	



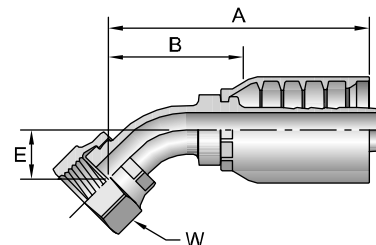
B

C

⚠ Refer to Pressure Rating of Hose End Connections chart on page E-43.

Series Sealing
ISO 12151-1 - SWE45

#	Flange inch	Seal inch	Hose		Hose		F		
			inch	mm	inch	mm	inch	inch	mm
1J779-12-12	3/4	3/4	4.40	112	0.83	21	1-3/8	2.34	59
1J779-16-16	1	1	5.01	127	0.94	24	1-5/8	2.84	72
1J779-20-20	1-1/4	1-1/4	6.15	156	1.00	25	1-7/8	3.49	89



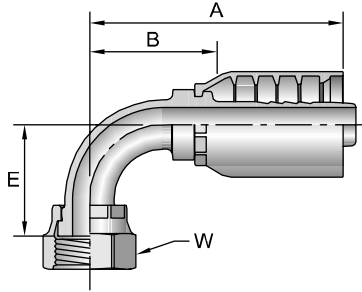
D

E

⚠ Refer to Pressure Rating of Hose End Connections chart on page E-43.

See Accessories Section for O-Rings and Flange Kits.

A



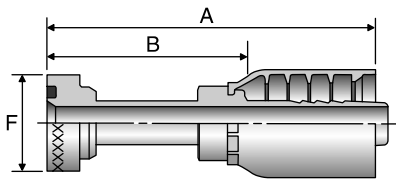
1J979

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

# Part Number	Thread		Hose I.D. inch	A		E		W		B	
	inch	inch		inch	mm	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	

⚠ Refer to Pressure Rating of Hose End Connections chart on page E-43

B



1 A79

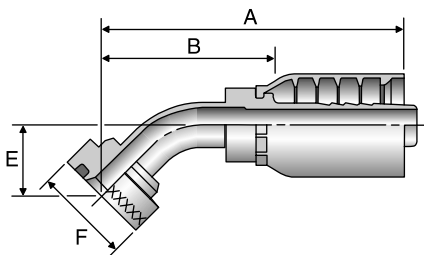
Caterpillar® Flange Head

# Part Number	Flange inch	Hose I.D. inch	A		F		B	
			inch	mm	inch	mm	inch	mm
1XA79-12-12	3/4	3/4	4.89	124	1-5/8	2.83	72	
1XA79-16-16	1	1	5.75	146	1-7/8	3.59	91	
1XA79-20-16	1-1/4	1	4.32	110	2-1/8	2.15	55	
1XA79-20-20	1-1/4	1-1/4	6.25	159	2-1/8	3.57	91	
1XA79-24-24	1-1/2	1-1/2	7.17	182	2-1/2	4.13	105	

C

1 F79

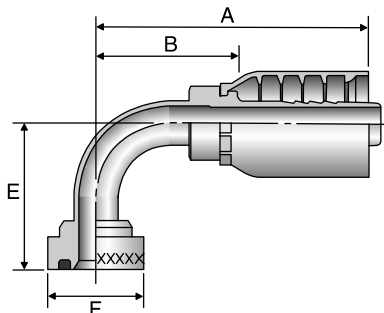
Caterpillar® Flange Head - 45° Elbow



# Part Number	Flange inch	Hose I.D. inch	A		E		F		B	
			inch	mm	inch	mm	inch	mm	inch	mm
1XF79-12-12	3/4	3/4	4.80	122	1.22	31	1-5/8	2.74	70	
1XF79-16-16	1	1	5.49	139	1.42	36	1-7/8	3.32	84	
1XF79-20-16	1-1/4	1	5.49	139	1.42	36	2-1/8	3.32	84	
1XF79-20-20	1-1/4	1-1/4	6.72	171	1.44	37	2-1/8	4.04	103	

D

E



1 N79

Caterpillar® Flange Head - 90° Elbow

# Part Number	Flange inch	Hose I.D. inch	A		E		F		B	
			inch	mm	inch	mm	inch	mm	inch	mm
1XN79-12-12	3/4	3/4	4.27	108	2.48	63	1-5/8	2.21	56	
1XN79-16-16	1	1	4.94	125	2.91	74	1-7/8	2.78	71	
1XN79-20-16	1-1/4	1	4.94	125	2.91	74	2-1/8	2.78	71	
1XN79-20-20	1-1/4	1-1/4	6.31	160	3.70	94	2-1/8	3.63	92	
1XN79-24-24	1-1/2	1-1/2	7.50	191	4.16	106	2-1/2	4.46	113	

See Accessories Section for O-Rings and Flange Kits.

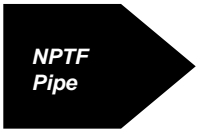
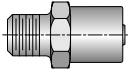

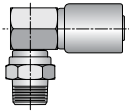


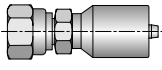



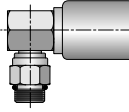

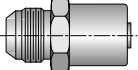
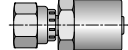
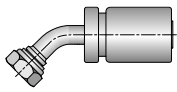
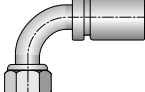
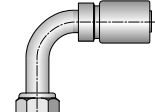
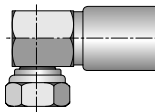


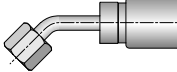
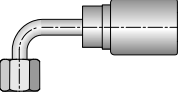







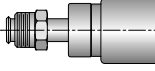
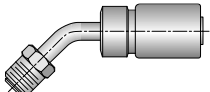
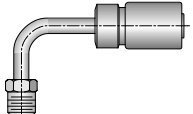


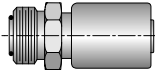
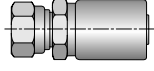
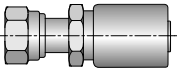
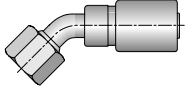
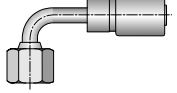
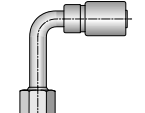

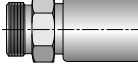





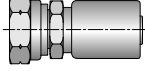
A

B

C

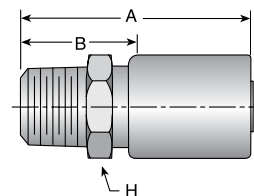
D

E

A	 NPTF Pipe	101HY B-127  Male - Rigid	113HY B-127  Male - Swivel	11LHY B-128  Male - Swivel 90° Elbow	102HY B-128  Female - Rigid	 NPSM Pipe
	107HY B-128  Female - Swivel (60° Cone)	 Straight Thread	105HY B-129  Male - Rigid	10GHY B-129  Male - Swivel	10LHY B-130  Swivel - Swivel 90° Elbow	 JIC 37
B	103HY B-130  Male - Rigid	106HY B-131  Female - Swivel	137HY B-132  Female - Swivel 45° Elbow - Short	139HY B-132  Female - Swivel 90° Elbow - Short	141HY B-133  Female - Swivel 90° Elbow - Long	193HY B-133  Female - Swivel 90° Elbow - Block
	 SAE 45°	108HY B-133  Female - Swivel	177HY B-134  Female - Swivel 45° Elbow	179HY B-134  Female - Swivel 90° Elbow	 Flareless	111HY B-134  Male - Rigid
C	 Rease Connection	1GJHY B-134  Female - Rigid	 Standpipe	134HY B-135  Male Standpipe Rigid	 Inverted Flare	128HY B-135  Male - Swivel
	167HY B-135  Male - Swivel 45° Elbow	169HY B-136  Male - Swivel 90° Elbow	129HY B-136  Female - Rigid	 Seal-Lok® (O-Ring Face Seal)	1J0HY B-136  Male - Rigid w/O-Ring	1JCHY B-136  Female - Swivel Short
D	1JSHY B-137  Female - Swivel Long	1J7HY B-137  Female - Swivel 45° Elbow	1J9HY B-138  Female - Swivel 90° Elbow - Short	1J1HY B-138  Female - Swivel 90° Elbow - Long	 Metric L S	1D0HY B-139  Male - Rigid
	13DHY B-139  Male Standpipe Rigid	 BSP	1D9HY B-139  Male - Rigid	1GUHY B-140  Female - Swivel	1UTHY B-140  Male - Rigid	1XUHY B-140  Female - Metric Swivel
E						

e F i e i g i

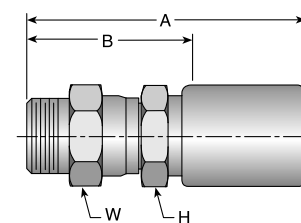
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			mm	mm	mm	mm			
101HY-2-4	1/8x27	1/4	2.34	59	5/8	1.00	25		
101HY-4-4	1/4x18	1/4	2.53	64	9/16	1.19	30		
101HY-4-5	1/4x18	5/16	2.56	65	11/16	1.22	31		
101HY-4-6	1/4x18	3/8	2.55	65	11/16	1.19	30		
101HY-6-4	3/8x18	1/4	2.53	64	3/4	1.19	30		
101HY-6-5	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	1.41	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		



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

e F i e S i e

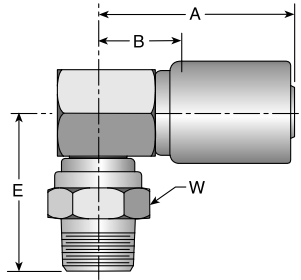
# rt er	re inch	se inch	inch		inch		inch	
			mm	mm	mm	mm		
113HY-2-4	1/8x27	1/4	2.97	75	9/16	5/8	1.63	41
113HY-4-4	1/4x18	1/4	3.06	78	9/16	5/8	1.72	44
113HY-4-6	1/4x18	3/8	3.17	81	11/16	11/16	1.81	46
113HY-6-4	3/8x18	1/4	3.13	80	5/8	11/16	1.78	45
113HY-6-6	3/8x18	3/8	3.11	79	11/16	11/16	1.75	44
113HY-6-8	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.



A

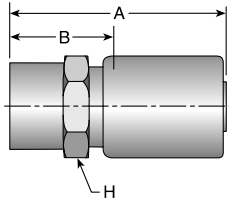


11LH

Male NPTF Pipe - Swivel - 90° Elbow

# Part Number	Thread inch	Hose I.D. inch	A		E		W inch	B	
			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

B



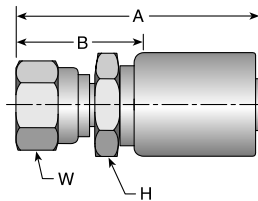
102H

Female NPTF Pipe - Rigid

# Part Number	Thread inch	Hose I.D. inch	A		H inch	B	
			inch	mm		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

C

D



107H

Female NPSM Pipe - Swivel - (60° Cone)

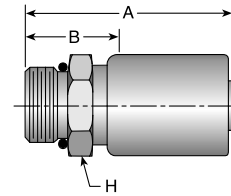
# Part Number	Thread inch	Hose I.D. inch	A		H inch	W inch	B	
			inch	mm			inch	mm
107HY-4-4	1/4x18	1/4	2.66	68	9/16	11/16	1.31	33
107HY-6-4	3/8x18	1/4	2.72	69	3/4	7/8	1.38	35
107HY-6-6	3/8x18	3/8	2.55	65	3/4	7/8	1.19	30
107HY-8-8	1/2x14	1/2	2.91	74	1	1	1.56	40
107HY-12-8	3/4x14	1/2	3.05	77	1-1/4	1-1/4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

E

105H

Male SAE Straight Thread with O-Ring - Rigid

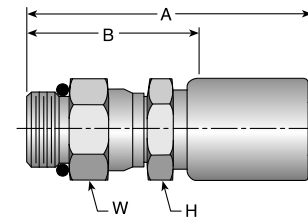
# Part Number	Thread inch	Hose I.D. inch	A		H inch	B	
			inch	mm		inch	mm
105HY-4-4	7/16x20	1/4	2.33	59	9/16	0.97	25
105HY-5-4	1/2x20	1/4	2.33	59	5/8	0.97	25
105HY-6-4	9/16x18	1/4	2.42	61	11/16	1.06	27
105HY-6-6	9/16x18	3/8	2.38	60	11/16	1.03	26
105HY-8-6	3/4x16	3/8	2.42	61	7/8	1.06	27
105HY-8-8	3/4x16	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



10GH

Male SAE Straight Thread with O-Ring - Swivel

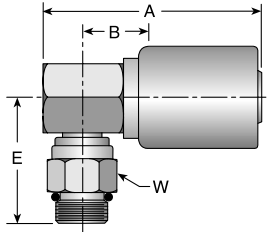
# Part Number	Thread inch	Hose I.D. inch	A		H inch	W inch	B	
			inch	mm			inch	mm
10GHY-4-4	7/16x20	1/4	3.00	76	9/16	5/8	1.66	42
10GHY-5-4	1/2x20	1/4	3.00	76	9/16	5/8	1.66	42
10GHY-6-4	9/16x18	1/4	3.16	80	5/8	11/16	1.81	46
10GHY-6-6	9/16x18	3/8	3.14	80	11/16	11/16	1.78	45
10GHY-8-6	3/4x16	3/8	3.24	82	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.

A



10LH

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

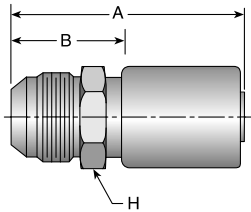
# Part Number	Thread inch	Hose I.D. inch	A		E		W		B	
			inch	mm	inch	mm	inch	inch	mm	
10LHY-4-4	7/16x20	1/4	2.31	59	1.63	41	11/16	0.97	25	
10LHY-6-4	9/16x18	1/4	2.31	59	1.66	42	7/8	0.97	25	
10LHY-6-6	9/16x18	3/8	2.33	59	1.66	42	11/16	0.97	25	
10LHY-8-4	3/4x16	1/4	2.31	59	1.75	44	7/8	0.94	24	
10LHY-8-6	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.

B

103H

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

C

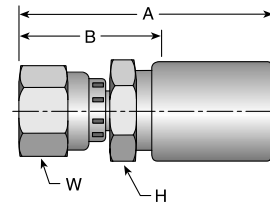
D

E

106H

Female JIC 37° - Swivel

# Part Number	Thread inch	Hose I.D. inch	A		H	W	B		Additional Material Stainless Steel (C303)
			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	9/16	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	1.41	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	



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

A

B

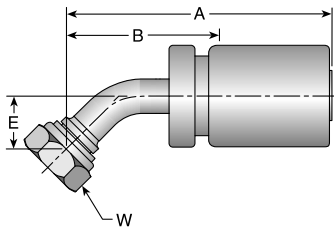
C

D

E

137H

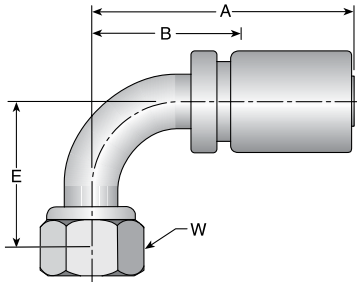
Female JIC 37° - Swivel - 45° Elbow - Short Drop



# 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	

139H

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

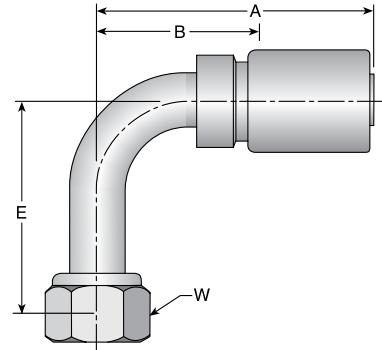


# Part Number	Thread inch	Hose I.D. inch	A		E		W		B	
			inch	mm	inch	mm	inch	inch	mm	
139HY-4-4	7/16x20	1/4	2.40	61	0.83	21	9/16	1.13	29	
139HY-5-4	1/2x20	1/4	2.50	64	0.83	21	5/8	1.23	31	
139HY-6-4	9/16x18	1/4	2.65	67	0.91	23	3/4	1.38	35	
139HY-6-5	9/16x18	5/16	3.25	83	0.86	22	11/16	1.91	49	
139HY-6-6	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	

141H

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

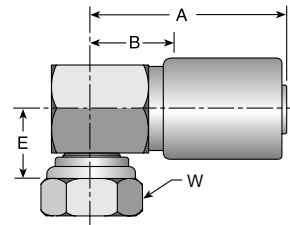
# Part Number	Thread inch	Hose I.D. inch	A		E		W inch	B	
			inch	mm	inch	mm		inch	mm
141HY-4-4	7/16x20	1/4	2.68	68	1.81	46	9/16	1.41	36
141HY-5-4	1/2x20	1/4	3.16	80	1.77	45	5/8	1.81	46
141HY-6-4	9/16x18	1/4	2.89	73	2.13	54	11/16	1.62	41
141HY-6-6	9/16x18	3/8	2.76	70	2.13	54	11/16	1.49	39
141HY-8-6	3/4x16	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



193H

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

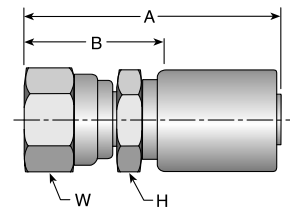
# Part Number	Thread inch	Hose I.D. inch	A		E		W inch	B	
			inch	mm	inch	mm		inch	mm
193HY-6-6	9/16x18	3/8	2.33	59	0.78	20	11/16	0.97	25
193HY-8-6	3/4x16	3/8	2.33	59	0.82	21	7/8	0.97	25
193HY-8-8	3/4x16	1/2	3.00	76	0.85	22	7/8	1.09	28
193HY-12-12	1-1/16x12	3/4	3.33	85	0.99	25	1-1/4	1.19	30



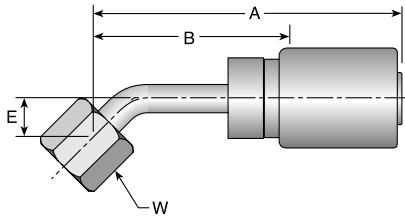
108H

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



A

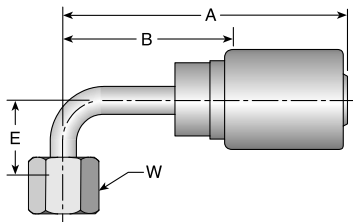


177H

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	

B

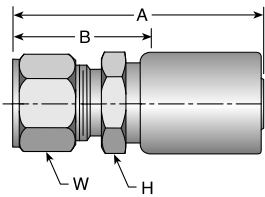


179H

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	

C



111H

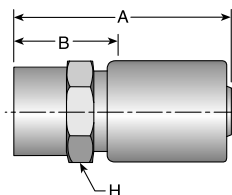
Male Ferulok Flareless - Rigid
(24° Cone w/Nut and Ferrule)

# Part Number	Thread inch	Hose I.D. inch	A		H		W		B	
			inch	mm	inch	inch	inch	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.

D

E



1GJH

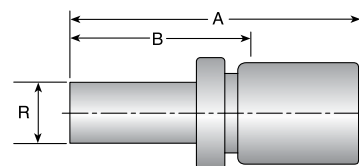
Female Grease Connection - SPL - PTF Taper
Thread - Rigid - 1/2 27

# 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	

134H

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

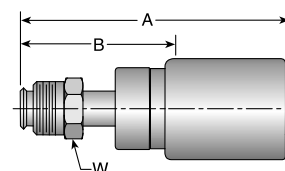
# Part Number	R inch	Hose I.D. inch	A		B	
			inch	mm	inch	mm
134HY-6-6	3/8	3/8	3.17	81	1.81	46
134HY-8-6	1/2	3/8	3.33	85	1.97	50
134HY-12-12	3/4	3/4	3.89	99	2.31	59



128H

Male Inverted SAE 45° - Swivel

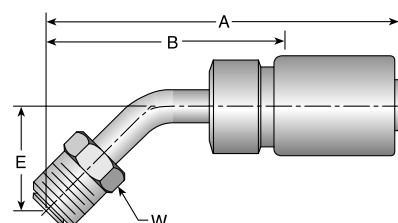
# Part Number	Thread inch	Hose I.D. inch	A		W inch	B	
			inch	mm		inch	mm
128HY-3-4	3/8x24	1/4	3.09	78	3/8	1.75	44
128HY-4-4	7/16x24	1/4	3.28	83	7/16	1.94	49
128HY-5-4	1/2x20	1/4	3.34	85	1/2	2.00	51
128HY-5-6	1/2x20	3/8	3.17	81	1/2	1.81	46
128HY-6-5	5/8x18	5/16	3.75	95	5/8	2.41	61
128HY-6-6	5/8x18	3/8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



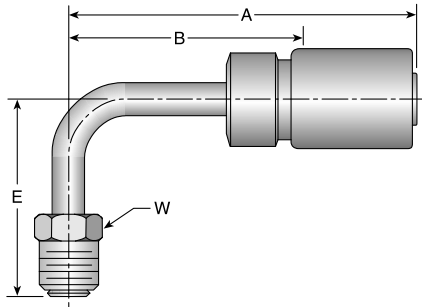
167H

Male Inverted SAE 45° - Swivel - 45° Elbow

# Part Number	Thread inch	Hose I.D. inch	A		E		W inch	B	
			inch	mm	inch	mm		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



A

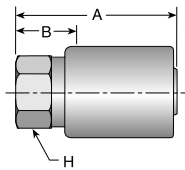


169H

Male Inverted SAE 45° - Swivel - 90° Elbow

# Part Number	Thread inch	Hose I.D. inch	A		E		W		B	
			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	

B



129H

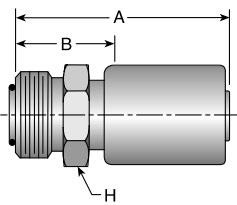
Female Inverted SAE 45° - Rigid

# Part Number	Thread inch	Hose I.D. inch	A		H inch	B	
			inch	mm		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

C

1J0H

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

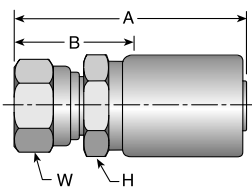


# Part Number	Thread inch	Hose I.D. inch	A		H inch	B	
			inch	mm		inch	mm
1J0HY-4-4	9/16x18	1/4	2.36	60	5/8	1.00	25
1J0HY-6-6	11/16x16	3/8	2.49	63	3/4	1.13	29
1J0HY-8-8	13/16x16	1/2	2.69	68	7/8	1.34	34
1J0HY-12-8	1-3/16x12	1/2	2.91	74	1-1/4	1.56	40

D

1JCH

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



# Part Number	Thread inch	Hose I.D. inch	A		H inch	W inch	B	
			inch	mm			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

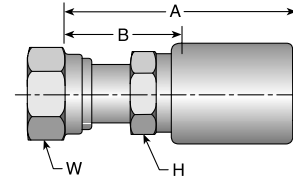
E

See Accessories Section for O-Rings.

S

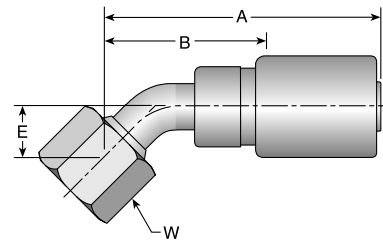
Female Straight
ISO 12151-1 - SWSB

#	Hose ID inch	Hose OD inch	Hose		Hose		Hose	
			inch	mm	inch	inch	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



Female Straight
ISO 12151-1 - SWE45

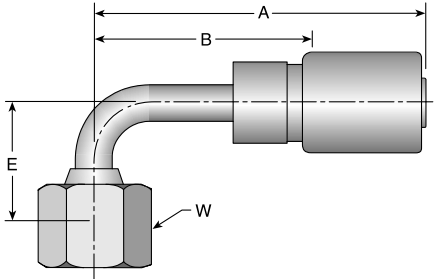
#	Hose ID inch	Hose OD inch	Hose		Hose		Hose		
			inch	mm	inch	mm	inch	inch	mm
1J7HY-4-4	9/16x18	1/4	2.59	66	0.39	10	11/16	1.32	34
1J7HY-6-4	11/16x16	1/4	2.70	69	0.43	11	13/16	1.43	36
1J7HY-6-6	11/16x16	3/8	2.72	69	0.43	11	13/16	1.44	37
1J7HY-6-8	11/16x16	1/2	3.41	87	0.44	11	13/16	2.06	52
1J7HY-8-4	13/16x16	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 Section for O-Rings.



A



Female Series
ISO 12151-1 - SWES90

Series

#	Bore inch	Bore inch	Length		Length		Height		
			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

B

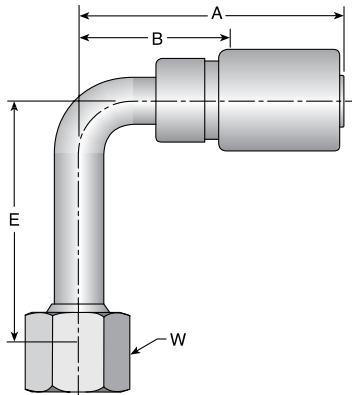
C

D

E

Female Series
ISO 12151-1 - SWEL90

Series

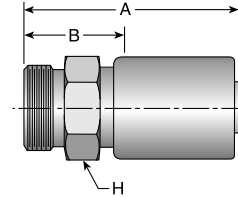


#	Bore inch	Bore inch	Length		Length		Height		
			inch	mm	inch	mm	inch	inch	mm
1J1HY-4-4	9/16x18	1/4	2.68	68	1.81	46	11/16	1.41	36
1J1HY-6-4	11/16x16	1/4	2.89	73	2.13	54	13/16	1.62	41
1J1HY-6-6	11/16x16	3/8	2.76	70	2.13	54	13/16	1.49	38
1J1HY-8-6	13/16x16	3/8	2.85	72	2.52	64	15/16	1.58	40
1J1HY-8-8	13/16x16	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	2.76	70	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 Section for O-Rings.

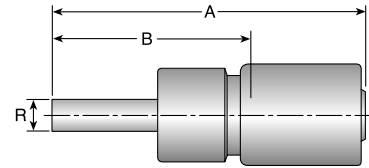
e etri igi 2 ne
ISO 12151-2

# rt er	re mm		se inch	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			



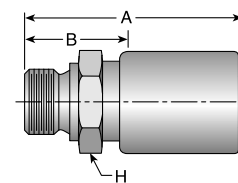
e St n i e etri S igi
End Connection per ISO 8434-1-SDS

# rt er	mm	se inch	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



e S r e i e igi 6 ne
ISO 228-1

# rt er	re inch		se inch	inch		mm		inch		mm	
1D9HY-4-4	1/4	x19	1/4	2.40	61	13/16	1.03	26			
1D9HY-6-6	3/8	x19	3/8	2.55	65	7/8	1.19	30			
1D9HY-8-6	1/2	x14	3/8	2.65	67	1-1/16	1.28	33			
1D9HY-8-8	1/2	x14	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.

A

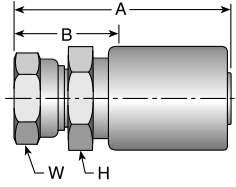
B

C

D

E

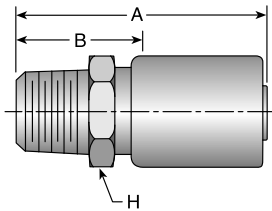
A



6 Series
ISO 228-1

#	re inch	se inch	inch		inch		inch	
			mm	mm	mm	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

B

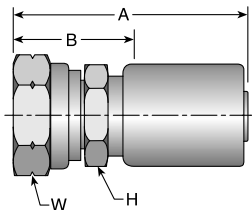


6 Series

#	re inch	se inch	inch		inch		inch	
			mm	mm	mm	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	

C

6 Series



#	re mm	se inch	inch		mm		inch	
			mm	mm	mm	mm		
1XUHY-24-8	24	M24x1.5	1/2	3.14	80	22	30	1.72
1XUHY-24-10	24	M24x1.5	5/8	3.22	82	30	30	1.84
1XUHY-30-12	30	M30x1.5	3/4	3.31	84	32	38	1.75
1XUHY-33-16	33	M33x1.5	1	3.62	92	36	41	2.00

D

E