

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

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

1JC43-12-8C- End Connection

1JC43-12-8C- Fitting Series

1JC43-12-8C- Size of Fitting End Connection

1JC43-12-8C- Hose Size

1JC43-12-8C- Fitting Material

No Suffix = Steel

B = Brass

C = 316 Stainless Steel

BA = Brass Nipple with Steel Nut and Socket

BS = Brass Nipple and Nut with Steel Shell or Socket

SM = Metric Index

ZJ = XTR Coating

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

"A" Dimension Overall Length

Hex size Use to determine the wrench size

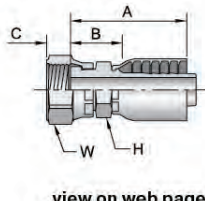
"B" Dimension (Cutoff Allowance) Dimension used to determine cut length (C.L.) of hose when making a hose assembly

Fitting Information Base part number and end connection description

TABLE OF CONTENTS

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

1JC43
Female Seal-Lok® - Swivel - Short
ISO 12151-1 - SWSA



view on web page

# Part Number	Thread inch	Hose I.D. inch	A		C		H		W		B		Additional Material Stainless Steel (C)
			inch	mm	inch	mm	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			
1JC43-10-10	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			
1JC43-12-12	3/4 1-3/16x12	3/4	2.68	68	0.57	14	1-1/8	1-3/8	1.24	31			

Continued on next page

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 page 6.

How to Select Hose

Example: 487TC-4

- 487TC-4 - Hose type
- 487TC-4 - Indicates the special feature of the hose (in this case, 'Tough Cover')
- 487TC-4 - Hose inside diameter dash size (in this case, 4/16" or 1/4")



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 and Nut with Steel Shell or 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 2 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 and Nut with Steel Shell or Socket
 - SM = Metric Hex



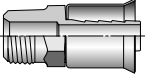
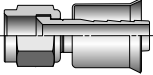
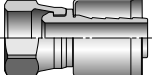
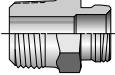
Nipple Part Number

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 and Nut with Steel Shell or Socket
 - SM = Metric Hex



25 Series Fittings

 <i>Flange</i>	10125 61	10825 61	17B25 61	017M 61	62
	 <i>Rigid</i>	 <i>Swivel</i>	 <i>Swivel</i>	 <i>Swivel</i>	<i>Assembly Instructions</i>

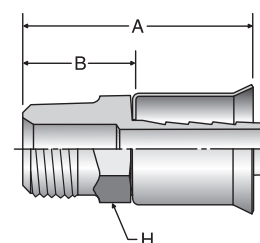
10125

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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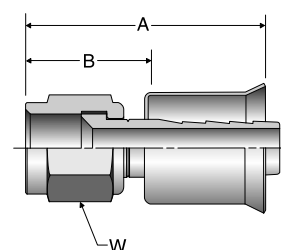
10825

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



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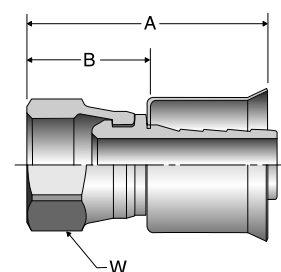
17B25

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



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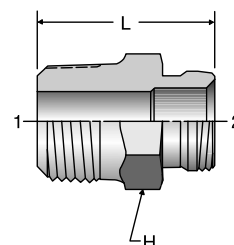
017M

Air Brake Adapter

# Part Number	Thread End 1 NPTF inch		Thread End 2 UNEFinch		L		H inch
	6	3/8X18	8	3/4X20	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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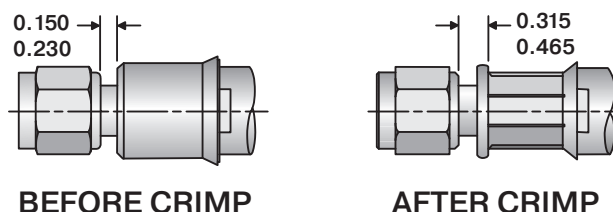
Use with hose: 271

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)



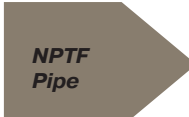
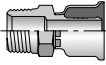
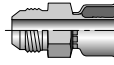
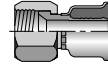
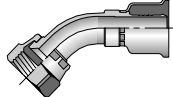
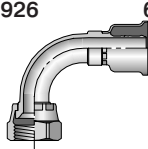
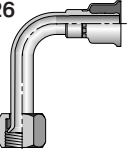
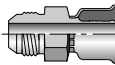
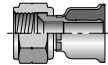
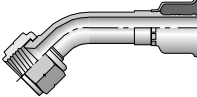
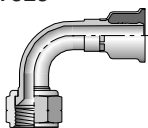
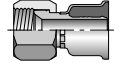
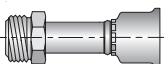
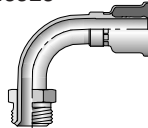
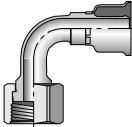
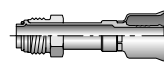
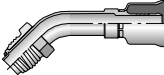
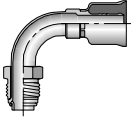
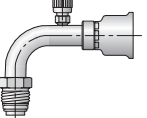
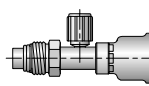
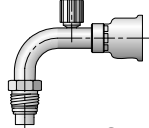
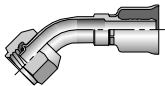
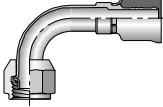
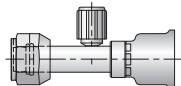
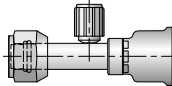
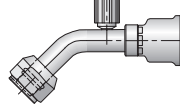
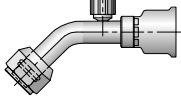
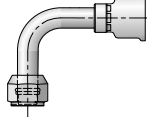
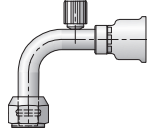
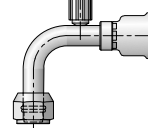
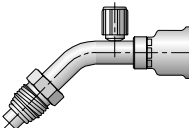
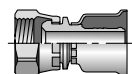
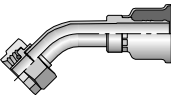
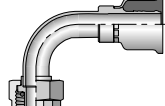
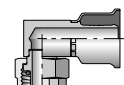
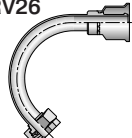
NOTE: B dimension is measured from the back of the fully-seated nut to the start of the crimp length. The nut must be free to swivel after crimping of the shell.

Fitting Part Number	Required Assembly Tool	A Length		B Length	
		mm	inch	mm	inch
10625-6-6B	TH2-7M25-6	3,80 5,85	0.150 0.230	8,00 11,80	0.310 0.465
10825-6-6B					
10625-8-8B	TH2-7M25-8	3,80 5,85	0.150 0.230	8,00 11,80	0.310 0.465
10825-8-8B					

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

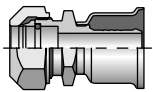
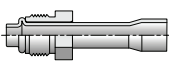
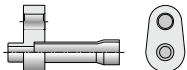
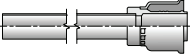
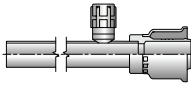
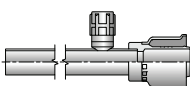
7. For all other 25 series fittings, use of mandrel is not necessary. Push fitting onto hose until it bottoms. Visually check sight hole on the side of the shell to assure that the hose is fully inserted.

26 Series Fittings

 NPTF Pipe	10126 65  Male - Rigid	 JIC 37°	10326 65  Male - Rigid	10626 66  Female - Swivel	13726 66  Female - Swivel 45° Elbow - Short
13926 66  Female - Swivel 90° Elbow - Short	14126 67  Female - Swivel 90° Elbow - Long	 SAE 45°	10426 67  Male - Rigid	10826 67  Female - Swivel	17726 67  Female - Swivel 45° Elbow
17926 68  Female - Swivel 90° Elbow	 JIC 37°/ SAE 45° Dual Flare	16826 68  Female - Swivel	 Inverted Flare	12826 68  Male - Swivel	16926 69  Male - Swivel 90° Elbow
 Seal-Lok® (O-Ring Face Seal)	1JC26 69  Female - Swivel Short	1J726 70  Female - Swivel 45° Elbow	1J926 70  Female - Swivel 90° Elbow - Short	 Tube-O	1S526 70  Male - Swivel Short Pilot
15R26 71  Male - Swivel 45° Elbow - Short Pilot	15K26 71  Male - Swivel 90° Elbow - Short Pilot	15K26-PB 71  Male - Swivel 90° Elbow - Short Pilot	14526-PT 72  Male - Swivel Long Pilot	15M26-PT 72  Male - Swivel 90° Elbow - Long Pilot	15G26 72  Male - Rigid Internal - Long Pilot
15S26 72  Female - Swivel Short Pilot	15H26 73  Female - Swivel 45° Elbow - Short Pilot	15T26 73  Female - Swivel 90° Elbow - Short Pilot	15926-PB 73  Female - Swivel Long Pilot	15926-PT 73  Female - Swivel Long Pilot	15N26-PB 74  Female - Swivel 45° Elbow - Long Pilot
15N26-PT 74  Female - Swivel 45° Elbow - Long Pilot	15L26 74  Female - Swivel 90° Elbow - Long Pilot	15L26-PB 74  Female - Swivel 90° Elbow - Long Pilot	15L26-PT 75  Female - Swivel 90° Elbow - Long Pilot	15P26-PT 75  Male - Swivel 45° Elbow - Long Pilot	 Air Brake Jounce Line
17B26 75  Female - Swivel	 Compressor	15V26 76  Female - Swivel 45° Elbow	15W26 76  Female - Swivel 90° Elbow	15Z26 76  Female - Swivel 90° Elbow - Block Type	1RV26 76  Female - Swivel 135° Elbow

Use with hoses: 201, 206, 213, 221FR, 244,
266, 285, 293, SS25UL, SS25UL-AGA

26 Series Fittings

 Refrigerant Tube Mender	1T126 77  Male (w/Nut & Ferrule)	1T126 77 Fitting Assembly Instructions	14GZ 78  Male Insert O-ring Braze Nut	5SGZ 78  Female Tube-O Swivel - Short Pilot	S5GZ 78  Male Tube-O Swivel - Short Pilot
	ZJGZ 79  Male "C" Plate Seal/ O-ring Block	ZKGZ 79  Male Encapsulated Slimline Seal Block	1ZG26 79  Tube with 26 Series Coupling	1ZG26-PB 79  Tube with High Pressure Charge Port	1ZG26-PT 79  Tube with Low Pressure Charge Port
1S926 81  Female Slip-Fit Counterbore - Straight	 Brazable				

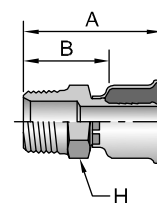
Use with hoses: 201, 206, 213, 221FR, 244,
266, 285, 293, SS25UL, SS25UL-AGA

10126

Male NPTF Pipe - Rigid

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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



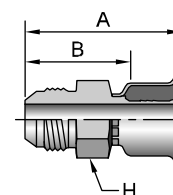
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10326

Male JIC 37° - Rigid

# Part Number	 Thread inch		 Hose I.D. inch	A		H		B		Additional Material Brass (B)
				inch	mm	inch	mm	inch	mm	
10326-4-4	1/4	7/16x20	3/16	2.02	50	1/2	1.15	1.15	29	•
10326-6-6	3/8	9/16x18	5/16	2.12	54	3/4	1.26	1.26	32	
10326-8-8	1/2	3/4x16	13/32	1.94	49	13/16	1.08	1.08	27	
10326-10-10	5/8	7/8x14	1/2	2.49	64	15/16	1.54	1.54	39	

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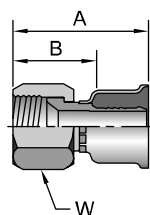


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Use with hoses: 201, 206, 213, 221FR, 244, 266, 285, 293, SS25UL, SS25UL-AGA

10626

Female JIC 37° - Swivel



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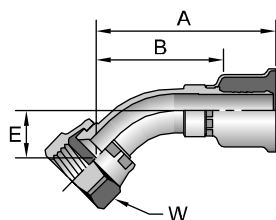
#				A			B		Additional Material Brass (B)
Part Number	Thread inch		Hose I.D. inch	inch	mm	inch	inch	mm	
10626-6-6	3/8	9/16x18	5/16	1.81	45	11/16	0.95	23	•
10626-6-8	3/8	9/16x18	13/32	1.67	52	11/16	1.19	30	•
10626-12-12	3/4	1-1/16x12	5/8	2.29	58	1-1/4	1.35	34	•
10626-16-16	1	1-5/16x12	7/8	2.53	64	1-1/2	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	



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

13726

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



view on web page

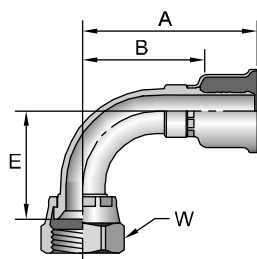
#										
Part Number	Thread inch		Hose I.D. inch	A inch	mm	E inch	mm	W inch	B inch	mm
13726-4-4	1/4	7/16x20	3/16	2.01	51	0.39	10	9/16	1.14	29
13726-6-6	3/8	9/16x18	5/16	2.72	69	0.43	11	11/16	1.86	47
13726-8-8	1/2	3/4x16	13/32	2.82	72	0.55	15	7/8	1.96	50
13726-10-10	5/8	7/8x14	1/2	2.96	75	0.63	16	1	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



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13926

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



view on web page

#										
Part Number	Thread inch		Hose I.D. inch	A inch	mm	E inch	mm	W inch	B inch	mm
13926-4-4	1/4	7/16x20	3/16	1.82	46	0.83	21	9/16	0.95	24
13926-6-6	3/8	9/16x18	5/16	2.15	55	0.91	23	11/16	1.29	33
13926-8-8	1/2	3/4x16	13/32	2.22	56	1.09	28	7/8	1.36	35
13926-10-10	5/8	7/8x14	1/2	2.23	57	1.26	32	1	1.28	33
13926-10-12	5/8	7/8x14	5/8	2.52	64	1.23	31	1	1.58	40
13926-12-12	3/4	1-1/16x12	5/8	2.28	58	1.82	46	1-1/4	1.30	34
13926-16-16	1	1-5/16x12	7/8	3.30	84	2.14	54	1-1/2	2.26	57
13926-20-20	1-1/4	1-5/8x12	1-1/8	3.60	91	2.57	65	2	2.62	67
13926-24-24	1-1/2	1-7/8x12	1-3/8	3.92	100	2.82	72	2-1/4	2.84	72



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

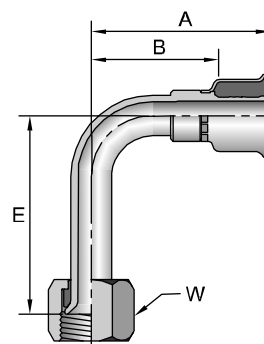
Use with hoses: 201, 206, 213, 221FR, 244,
266, 285, 293, SS25UL, SS25UL-AGA

14126

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

#										
Part Number	Thread inch		Hose I.D. inch	A		E		W	B	
				inch	mm	inch	mm	inch	inch	mm
14126-4-4	1/4	7/16x20	1/4	2.05	52	1.81	46	9/16	1.18	30
14126-6-6	3/8	9/16x18	5/16	2.02	51	2.13	54	11/16	1.16	29
14126-8-8	1/2	3/4x16	13/32	2.35	60	2.43	62	7/8	1.49	38
14126-10-10	5/8	7/8x14	1/2	2.11	54	2.76	70	1	1.16	29
14126-16-16	1	1-5/16x12	7/8	3.17	81	4.33	110	1-1/2	2.13	54

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



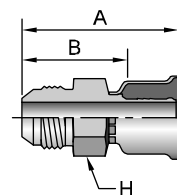
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10426

Male SAE 45° - Rigid

#			A			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	inch	mm
10426-6-6	3/8	5/8x18	2.04	52	11/16	1.18	30

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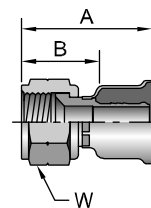
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10826

Female SAE 45° - Swivel

#									Additional Material Brass (B)
Part Number	Thread inch		Hose I.D. inch		A	W	B		
			inch	mm	inch	inch	mm		
10826-6-6	3/8	5/8x18	5/16	1.84	47	3/4	0.98	25	Link
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	Link

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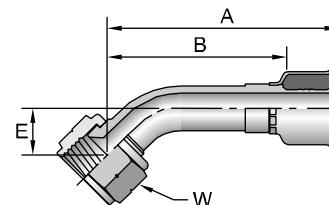
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17726

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
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

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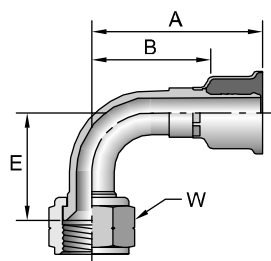
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Notch on nut signifies SAE 45° flare fitting.

Use with hoses: 201, 206, 213, 221FR, 244, 266, 285, 293, SS25UL, SS25UL-AGA

17926

Female SAE 45° - Swivel - 90° Elbow



view on web page

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

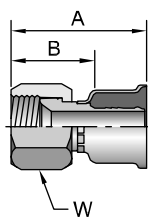
Notch on nut signifies 45° flare fitting.



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

16826

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



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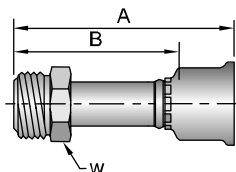
#	Thread	Hose I.D.	A	W	B	Additional Material Brass (B)
Part Number	inch	inch	inch	mm	inch	mm
16826-4-4	1/4 7/16x20	3/16	1.67	42	0.80	20
16826-4-5	1/4 7/16x20	1/4	1.55	48	1.03	26
16826-4-6	1/4 7/16x20	5/16	1.92	49	1.06	27
16826-5-5	5/16 1/2x20	1/4	1.77	45	0.90	23
16826-8-6	1/2 3/4x16	5/16	1.76	56	1.34	34
16826-8-8	1/2 3/4x16	13/32	1.91	49	1.05	27
16826-8-10	1/2 3/4x16	1/2	2.36	60	1.41	36
16826-10-10	5/8 7/8x14	1/2	2.17	55	1.23	31
16826-10-12	5/8 7/8x14	5/8	1.96	61	1.53	37



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

12826

Male Inverted SAE 45° - Swivel



view on web page

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



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See Accessories Section for O-Rings and Flange Kits.

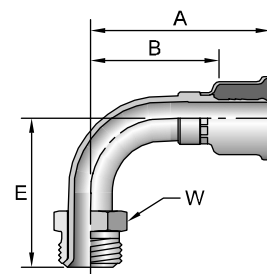
Use with hoses: 201, 206, 213, 221FR, 244, 266, 285, 293, SS25UL, SS25UL-AGA

16926

Male Inverted SAE 45° - Swivel - 90° Elbow

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

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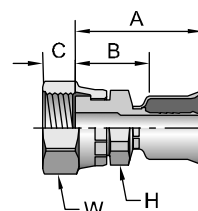


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1JC26

Female Seal-Lok® - Swivel - Short

# Part Number	Thread inch		Hose I.D. inch	A inch mm		C inch mm		H inch	W inch	B 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
1JC26-10-10	5/8	1x14	1/2	2.16	55	0.53	13	15/16	1-1/8	1.21	31
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



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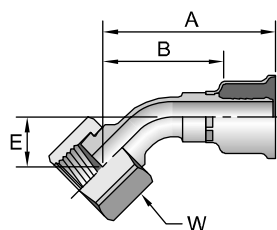
When measuring overall length to the end of the nut, $B + C$ must be used to calculate cut-off allowance.

See Accessories Section for O-Rings.

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1J726

Female Seal-Lok® - Swivel - 45° Elbow



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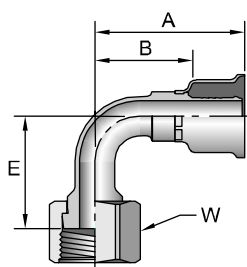
#										
Part Number	Thread	Hose I.D.	A	E	W	B				
1J726-4-4	1/4	9/16x18	3/16	1.99	51	0.39	10	11/16	1.12	28
1J726-6-6	3/8	11/16x16	5/16	2.43	62	0.43	11	13/16	1.57	40
1J726-8-8	1/2	13/16x16	13/32	2.77	70	0.59	15	15/16	1.91	49
1J726-10-10	5/8	1x14	1/2	3.26	83	0.63	16	1-1/8	2.31	59
1J726-12-12	3/4	1-3/16x12	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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1J926

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



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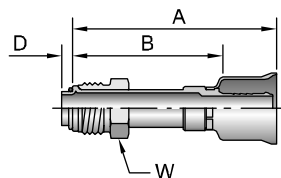
#										
Part Number	Thread	Hose I.D.	A	E	W	B				
1J926-4-4	1/4	9/16x18	3/16	1.80	46	0.83	21	11/16	0.93	24
1J926-6-6	3/8	11/16x16	5/16	1.86	47	0.91	23	13/16	1.00	25
1J926-8-8	1/2	13/16x16	13/32	2.14	54	1.14	29	15/16	1.28	33
1J926-10-10	5/8	1x14	1/2	2.53	64	1.26	32	1-1/8	1.58	40
1J926-12-12	3/4	1-3/16x12	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
1J926-24-24	1-1/2	2X12	1-3/8	5.00	127	2.79	71	2-1/4	3.92	100



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1S526

Male Tube-O - Swivel - Short Pilot



view on web page

#										
Part Number	Thread	Hose I.D.	A	D	W	B				
1S526-6-6	3/8	5/8x18	5/16	2.54	65	0.18	4,7	5/8	1.68	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.



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See Accessories Section for O-Rings.

Use with hoses: 201, 206, 213, 221FR, 244, 266, 285, 293, SS25UL, SS25UL-AGA

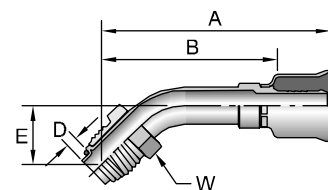
15R26

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

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



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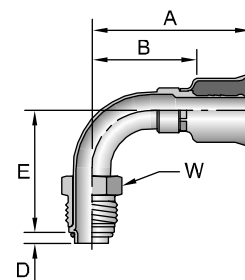
15K26

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

#													
Part Number	Thread		Hose I.D.	A		D		E		W		B	
	inch		inch	inch	mm	inch	mm	inch	mm	inch		inch	mm
15K26-6-6	3/8	5/8x18	5/16	2.06	52	0.18	4,7	1.76	45	5/8	1.19	30	
15K26-8-8	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	



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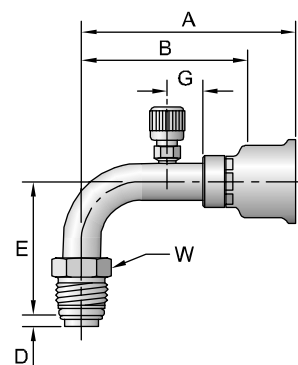
15K26-PB

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

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



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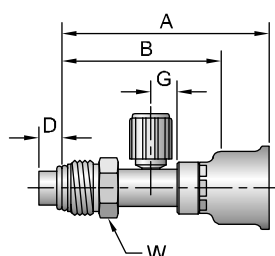


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Use with hoses: 201, 206, 213, 221FR, 244, 266, 285, 293, SS25UL, SS25UL-AGA

14526-PT

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



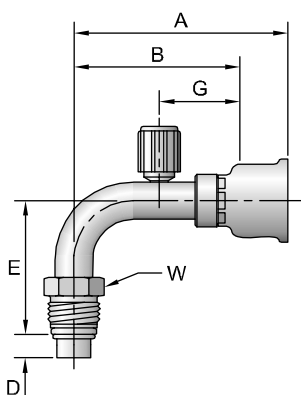
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#										
Part Number	Thread inch	Hose I.D. inch	A inch	D inch	G inch	W inch	B inch			
14526-10-12-PT	5/8 7/8x18	5/8	3.45 88	0.38 9,8	0.44 11	7/8	2.51 64			

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15M26-PT

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



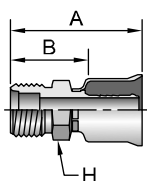
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#										
Part Number	Thread inch	Hose I.D. inch	A inch	D inch	E inch	G inch	W inch	B inch		
15M26-10-12-PT	5/8 7/8x18	5/8	3.25 83	0.38 9,8	2.25 57	0.60 15	7/8	2.31 59		

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

15G26

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



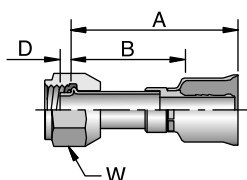
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#								
Part Number	Thread inch	Hose I.D. inch	A inch	H inch	B inch			
15G26-6-6	3/8 5/8x18	5/16	1.78 45	0.625	0.92 23			
15G26-8-8	1/2 3/4x16	13/32	1.95 50	3/4	1.09 28			
15G26-10-10	5/8 7/8x14	1/2	4.05 103	7/8	3.10 79			
15G26-10-12	5/8 7/8x14	5/8	2.19 56	0.875	1.25 32			

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15S26

Female Tube-O - Swivel - Short Pilot



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

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Use with hoses: 201, 206, 213, 221FR, 244, 266, 285, 293, SS25UL, SS25UL-AGA

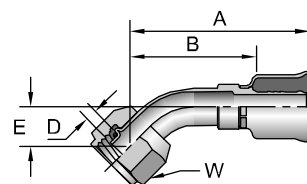
15H26

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

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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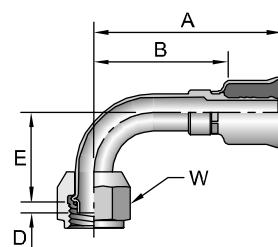
15T26

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

#	Thread	Hose I.D.	A		D		E		W	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	mm	inch	inch	mm
15T26-6-6	3/8 5/8x18	5/16	1.89	48	0.18	4,7	1.15	29	3/4	1.03	26
15T26-6-10	3/8 5/8x18	5/16	2.40	61	0.18	4,7	1.29	33	3/4	1.44	36
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



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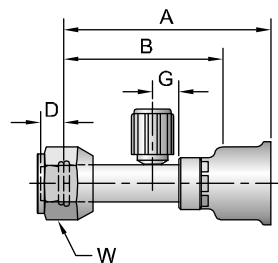
15926-PB

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

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



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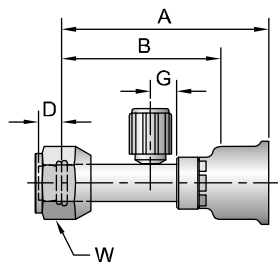
15926-PT

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

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

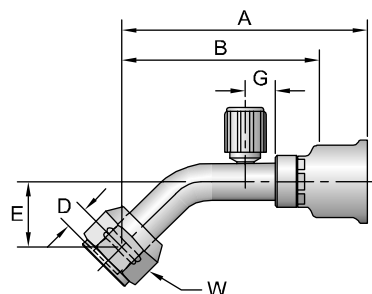


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Use with hoses: 201, 206, 213, 221FR, 244, 266, 285, 293, SS25UL, SS25UL-AGA

15N26-PB

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



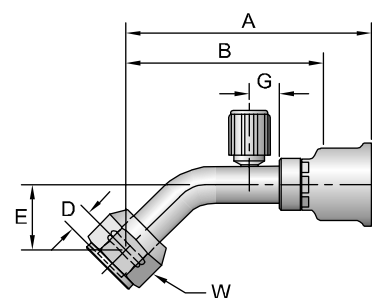
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#												
Part Number	Thread	Hose I.D.	A	D	E	G	W	B				
15N26-8-8-PB	1/2 3/4x16	13/32	3.67 93	0.38 9,8	0.90 23	0.60 15	7/8	2.81 72				

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15N26-PT

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



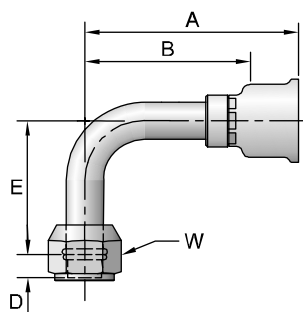
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#												
Part Number	Thread	Hose I.D.	A	D	E	G	W	B				
15N26-10-12-PT	5/8 7/8x14	5/8	3.92 100	0.38 9,8	1.21 31	0.60 15	1-1/16	2.98 76				

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15L26

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



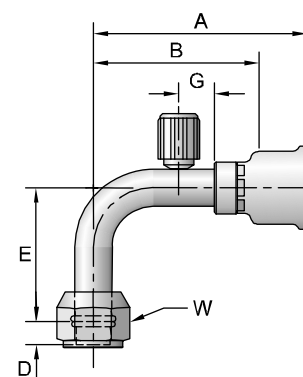
view on web page

#												
Part Number	Thread	Hose I.D.	A	D	E	W	B					
15L26-8-8	1/2 3/4x16	13/32	2.14 54	0.38 9,8	1.46 37	7/8	1.28 33					

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

15L26-PB

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



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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Use with hoses: 201, 206, 213, 221FR, 244,
266, 285, 293, SS25UL, SS25UL-AGA

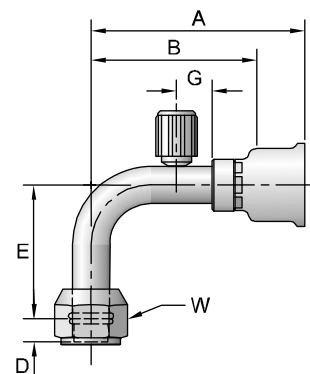
Catalog 4400 US

15L26-PT

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

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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



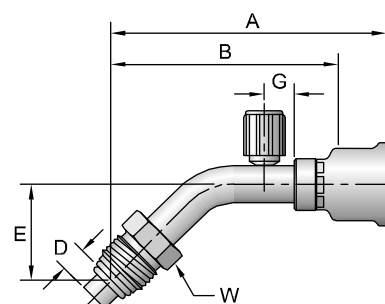
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15P26-PT

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

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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



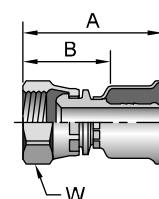
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17B26

Female Air Brake Jounce Line - Swivel

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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

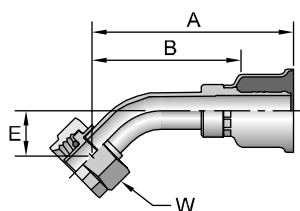


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Use with hoses: 201, 206, 213, 221FR, 244, 266, 285, 293, SS25UL, SS25UL-AGA

15V26

Female Compressor - Swivel - 45° Elbow



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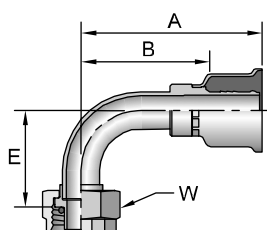
#									
Part Number	Thread	Hose I.D.	A		E		W	B	
	inch	inch	inch	mm	inch	mm	inch	inch	mm
15V26-12-8	1x14	13/32	2.72	69	0.75	19	1-1/8	1.86	47
15V26-12-12	1x14	5/8	3.39	86	0.76	19	1-1/8	2.45	62



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

15W26

Female Compressor - Swivel - 90° Elbow



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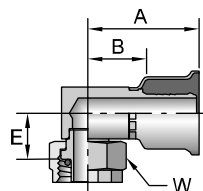
#									
Part Number	Thread	Hose I.D.	A		E		W	B	
	inch	inch	inch	mm	inch	mm	inch	inch	mm
15W26-12-8	1x14	13/32	2.24	57	1.25	32	1.125	1.38	35
15W26-12-12	1x14	5/8	3.04	77	1.63	41	1.125	2.10	53



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

15Z26

Female Compressor - Swivel - 90° Elbow - Block Type



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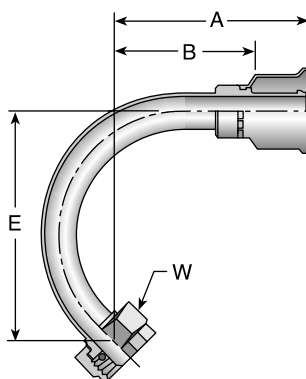
#									
Part Number	Thread	Hose I.D.	A		E		W	B	
	inch	inch	inch	mm	inch	mm	inch	inch	mm
15Z26-12-8	1X14	13/32	1.79	45	0.80	20	1.125	0.93	24
15Z26-12-12	1X14	5/8	1.87	47	0.80	20	1.125	0.93	24



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1RV26

Female Compressor - Swivel - 135° Elbow



view on web page

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



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Use with hoses: 201, 206, 213, 221FR, 244,
266, 285, 293, SS25UL, SS25UL-AGA

Catalog 4400 US

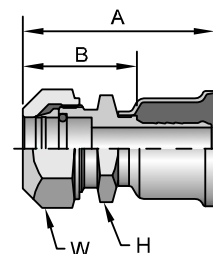
1T126

Male Refrigerant Tube Mender

(with Nut and Ferrule)

# Part Number	 Thread inch		 Hose I.D. inch	A inch mm		 H inch	B 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	1-1/16x14	5/8	2.33	59	1-1/8	1.39	35

1T126 Assembly instructions below.

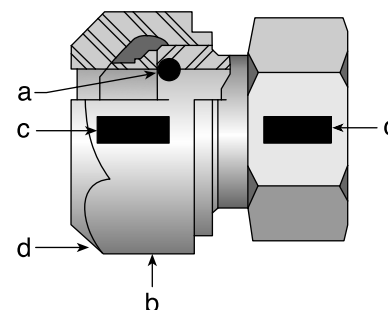


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1T126

Fitting Installation Instructions

1. Cut the tube off squarely next to the hose fitting. At least 7/8" straight length is required and the outside diameter of the tube should be smooth and free from deep lengthwise scratches.
2. To prevent cutting the inside of the O-Ring, smoothly chamfer the outside diameter of the cut end 15° to 30°. Deburr the inside diameter.
3. Remove the nut, compression sleeve, and O-Ring from the fitting and lubricate the O-Ring with a lubricant that is compatible with the refrigerant used in the system.
4. Place the lubricated O-Ring in the counterbore of the fitting.
5. Slip the compression sleeve, small end, into the nut and assemble the nut on the fitting finger-tight. 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)
(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.

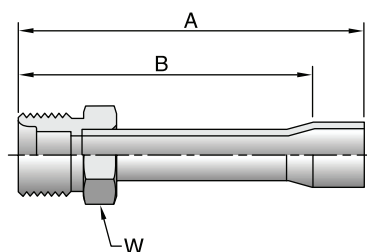


Use with hoses: 201, 206, 213, 221FR, 244, 266, 285, 293, SS25UL, SS25UL-AGA

Hose Products Division prides itself on delivering exceptional quality and reliability when it comes to air conditioning components. Parker's male and female end tube connections with or without a pilot as well as our 26 series fittings for hose connections were specifically designed for the rigorous requirements of automotive, mobile, bus and transit applications. Utilizing both of these types of fittings as well as our 285 hose will give you the ability to make your own custom hose tube assembly for air conditioner applications.

14GZ

Male Insert O-ring Braze Nut

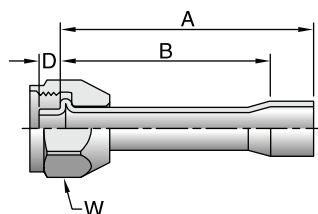


# Part Number	Thread inch		A		W inch	B	
			inch	mm		inch	mm
14GZ-6-6	3/8	5/8 - 18	4.0	101.6	5/8	3.62	92.0
14GZ-8-8	1/2	3/4 - 16	4.0	101.6	3/4	3.62	92.0
14GZ-10-10	5/8	7/8 - 14	4.0	101.6	7/8	3.62	92.0

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

5SGZ

Female Tube-O - Swivel - Short Pilot

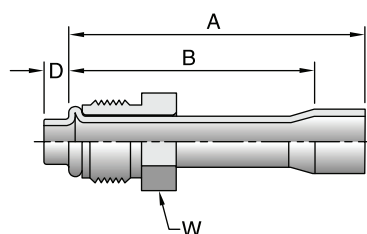


# Part Number	Thread inch		A		D		W inch	B	
			inch	mm	inch	mm		inch	mm
5SGZ-6-6	3/8	5/8 - 18	4.0	101.6	0.18	4.7	3/4	3.62	92.0
5SGZ-8-8	1/2	3/4 - 16	4.0	101.6	0.18	4.7	7/8	3.62	92.0
5SGZ-10-10	5/8	7/8 - 14	4.0	101.6	0.18	4.7	1 1/16	3.62	92.0

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S5GZ

Male Tube-O - Swivel - Short Pilot



# Part Number	Thread inch		A		D		W inch	B	
			inch	mm	inch	mm		inch	mm
S5GZ-6-6	3/8	5/8 - 18	4.0	101.6	0.18	4.7	5/8	3.62	92.0
S5GZ-8-8	1/2	3/4 - 18	4.0	101.6	0.18	4.7	3/4	3.62	92.0
S5GZ-10-10	5/8	7/8 - 18	4.0	101.6	0.18	4.7	7/8	3.62	92.0

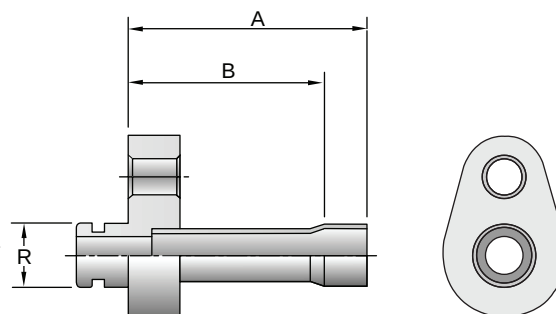
WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

ZJGZ

Male "C" Plate Seal / O-ring Block

# Part Number	A		R		B	
	inch	mm	inch	mm	inch	mm
ZJGZ-8-8	4.0	101.6	0.606	15.4	3.62	92.0

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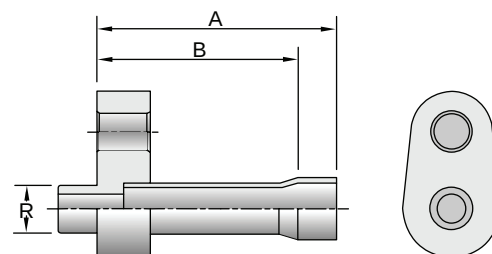


ZKGZ

Male Encapsulated Slimline Seal Block

# Part Number	A		R		B	
	inch	mm	inch	mm	inch	mm
ZKGZ-8-8	4.0	101.6	0.459	11.65	3.62	92.0

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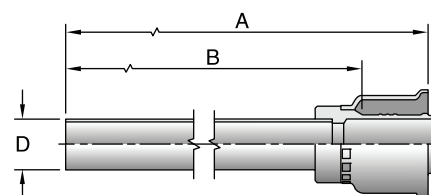


1ZG26

Tube with 26 Series Coupling

# Part Number	Hose I.D.		A		D		B	
	inch		inch	mm	inch	mm	inch	mm
1ZG26-6-6	5/16	-6	25.8	654	3/8	9.5	24	609
1ZG26-8-8	13/32	-8	25.8	654	1/2	12.7	24	609
1ZG26-10-10	1/2	-10	25.8	654	5/8	15.9	24	609

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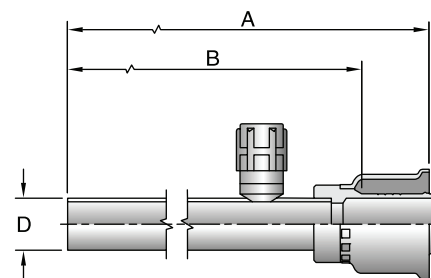
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1ZG26-PB

Tube with High Pressure Charge Port

# Part Number	Hose I.D.		A		D		Charge Port	B	
	inch		inch	mm	inch	mm		inch	mm
1ZG26-6-6-PB	5/16	-6	25.8	654	3/8	9.5	368014	24	609

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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1ZG26-PT

Tube with Low Pressure Charge Port

# Part Number	Hose I.D.		A		D		Charge Port	B	
	inch		inch	mm	inch	mm		inch	mm
1ZG26-10-10-PT	1/2	-10	25.8	654	5/8	15.9	737826	24	609

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Use with hoses: 201, 206, 213, 221FR, 244, 266, 285, 293, SS25UL, SS25UL-AGA

Instructions for Custom Hose Assembly Repairs

Learn how to select the appropriate fittings and couplings to properly prepare tube and hose assemblies that meet SAE J2064 requirements below.



1. FITTING SELECTION

The first thing to determine when making a custom hose tube assembly are the fittings to use. Utilizing both tube couplings and hose fittings will give you the ability to make your own custom hose assembly that can be bent to fit a variety of applications.

2. TUBE PREPARATION

Next you will need to cut the tube end to achieve the desired length using a Parker Klokut or similar tubing cutter. Many times, an assembly will only be repaired due to a quality issue with the fitting and doesn't require a complete replacement. In those circumstances, simply cut the tube in a location that enables you to easily replace that particular fitting. Klokut tube cutters feature a hardened and burnished tool-steel cutting wheel, flare cut-off grooves in rollers for removal of old flares and a swing-away reamer for removing internal burrs.

3. BRAZING

The third step in the assembly process is to braze both the tube coupling and hose fitting shell to each end of the tube.

4. CLEANING

After the brazed area has been cleaned and dried, it is recommended that the brazed area be spray painted to prevent rust from forming in the area where the plating on the parts was removed during the brazing process. After you've brazed the assembly, you have to clean it. To make cleaning easier, add braze cleaner to the hot water. This sudden cooling cracks the braze flux residue, making it easier to remove. Any remaining residue can be removed by careful wire brushing. Braze cleaner does not provide corrosion protection.

5. CORROSION PROTECTION

This is an extremely important step following brazing and even more so following the use of a braze cleaner. The residue left on the surface by the cleaner, especially on the I.D. of the tube, can cause rusting in carbon steel tubes rather quickly if it is not neutralized. Therefore, it is important to neutralize the cleaner residue after cleaning with a solution such as Bernite 1362 (mix 4 ounces of Bernite 136 with one gallon of water).

6. PAINTING

After the brazed area has been cleaned and dried, it is recommended that the brazed area be spray painted to prevent rust from forming in the area where the plating on the parts was removed during the brazing process.

7. BENDING TUBE END

The tube ends can be custom cut and bent after brazing.

8. HOSE SELECTION

The last step in the process is choosing the proper hose to be attached to the newly created tube assembly. Parker's 285 hose is designed specifically for the rigorous requirements automotive, mobile, bus and transit applications. This air conditioning hose has a long service life, resists moisture ingress and minimizes refrigerant permeation due to a nylon barrier. Our 285 hose is Parkrimp compatible and is available in from -4 to -12 sizes. Hoses should be cut to desired length using Parker's cut-off tool prior to crimping.

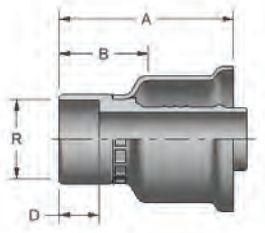
9. HOSE CRIMPING

To properly attach 26 series fittings to Parker's 285 hose, please reference CrimpSource for crimping instructions. CrimpSource is Parker's exclusive online software application that supplies you with the necessary crimp specifications in order to adhere to our strict safety standards. You can access CrimpSource by visiting www.parker.com/crimpsource

Use with hoses: 201, 206, 213, 221FR, 244, 266, 285, 293, SS25UL, SS25UL-AGA

1S926

Female Slip-Fit Counterbore for Brazing - Straight
(Inch Size Tube O.D)



view on web page

# Part Number	 Tube Size and Material	Tube Diameter R	Counter Bore Depth D	Cut-Off B	End of Shell A	Maximum Working Pressure for Fitting**	 Hose I.D.
1S926-6-6	3/8" OD x .035" wall SAE J525	0.375	0.34	1.20	2.06	2,250	3/8"
1S926-8-8	1/2" OD x .049" wall SAE J525	0.500	0.34	1.19	2.05	2,000	1/2"
1S926-8-10	1/2" OD x .049" wall SAE J525	0.500	0.34	1.21	2.17	1,750	5/8"
1S926-12-12	3/4" OD x .065" wall SAE J525	0.750	0.49	1.38	2.32	1,500	3/4"

ALL 1S926 FITTINGS ARE SHIPPED WITHOUT PLATING AND WILL REQUIRE PLATING OR PAINTING AFTER THE BRAZING PROCESS

Caution: Braze joint designed for silver braze only.

Fitting maximum working pressure rating has to be greater than or equal to the hose maximum working pressure.

**Pressure rating based on SAE J525 tubing and recommended wall thickness noted.

 **WARNING:** The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Silver Brazing

Silver brazing is the method of attaching the '1S9' braze nipple to the tube end. This process can be accomplished by using an induction brazing unit. (Note: induction brazing units are not available through Hose Products Division). During the heating process, the pre-formed braze ring is melted between the tube O.D. and the braze nipple counter-bore I.D., creating a strong bond between the two components.

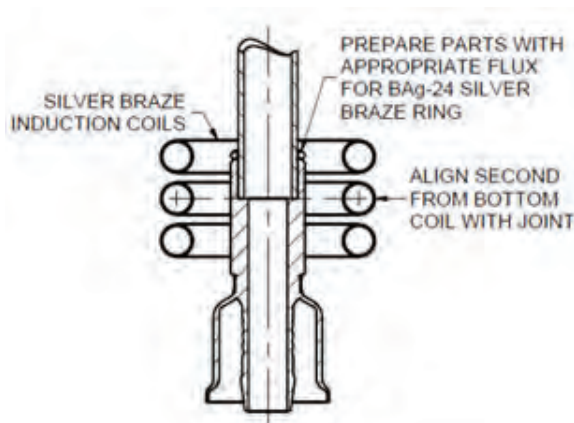
Brazing Steps:

1. Cleaning the tube end: All oil and oxide build-up must be removed from the tube end for at least the length of the braze joint. Oil may be removed by using an oil-free solvent. Oxide build-up may be removed by pickling or by lightly sanding with an aluminum-free emery paper.

2. Fixturing the parts for brazing: Care should be taken so the braze fixture allows the tube to settle and seat on the bottom of the counter-bore completely during heating. Since the braze nipple counter-bore is designed for a slip fit, this should happen easily. Short tubes can be brazed in the vertical position. On longer tubes, the joint may need to be in the horizontal position, requiring a slight nudge to seat the tube at the bottom of the counter-bore on the braze nipple.

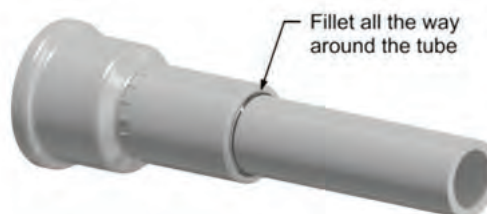
3. Applying flux: Apply proper flux on to the tube end, braze nipple face and outside surface. Slide appropriate braze ring on tube and seat tube at bottom of counter-bore on braze nipple. The flux helps protect the parts from oxidizing and promotes braze flow.

5. Heating the part: Apply heat uniformly to the joint by using an induction braze unit. Proper brazing involves heating the assembly to brazing temperature and flowing the filler metal through the joint. Heat should be applied broadly and uniformly to the tube as well as the upper body of the braze nipple. Thicker fitting and tubing sections take longer to heat. The tube and upper body of the braze nipple should heat to brazing temperature at about the same time. The braze alloy will always flow towards the area of higher temperature. In the drawing shown, the pre-formed BAg-24 silver braze ring has been placed on the tube at the top of the braze nipple counter-bore. The braze material will flow to the bottom of the counter-bore.



6. Cleaning the brazed joint: After stopping heat application, allow the product to air cool. Any remaining residue can be removed by careful wire brushing or standard cleaning procedures to remove traces of discoloration and excess flux residue.

7. Corrosion protection after brazing: This is an extremely important step following brazing. If the brazed parts are not to be plated or painted soon after brazing, a coating of rust inhibitors such as WD-403 or SP-3504 is recommended for the braze and heat affected area.



Inspection of Brazing

Inspect the braze for a fillet all the way around the tube at the top of the counter-bore on the braze nipple.

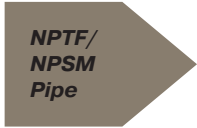
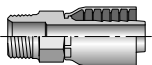
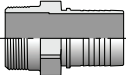
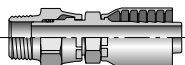
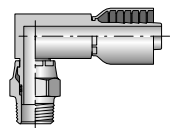
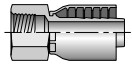
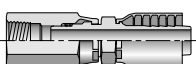
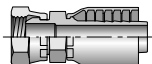
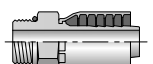
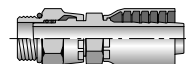
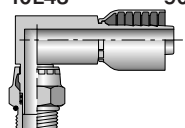
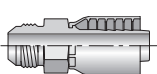
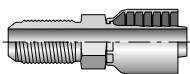
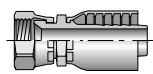
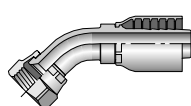
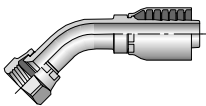
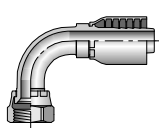
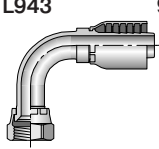
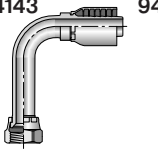
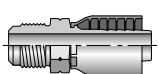
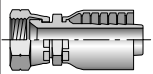
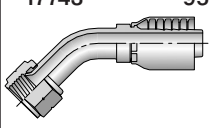
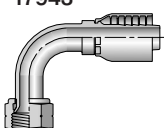
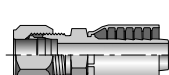
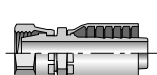
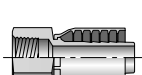
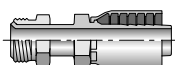
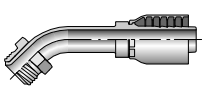
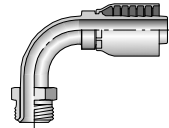
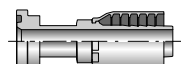
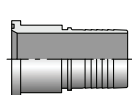
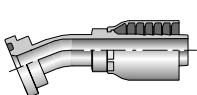
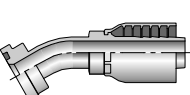
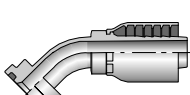
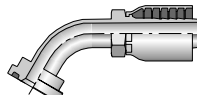
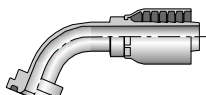
Caution: If there are gaps in the fillet, the joint may not be sound. In this case, re-brazing is recommended. Remove the braze nipple and re-braze a new one in its place.

3) A product of WD-40 Company, San Diego, CA 92220.

4) A product of CRC Chemicals, USA, Warminster, PA 18974
(215) 674-4300

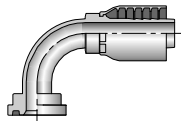
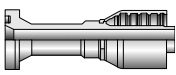
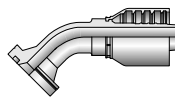
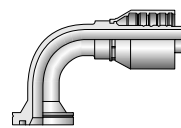
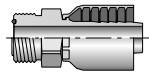
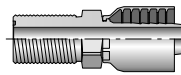
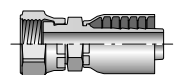
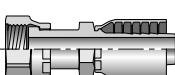
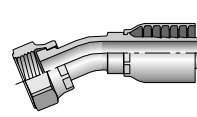
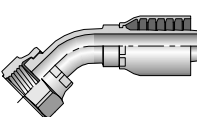
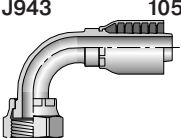
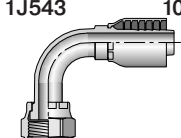
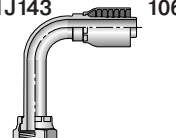
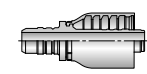
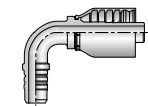
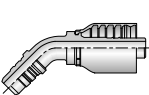
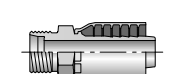
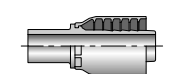
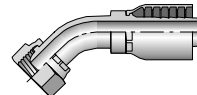
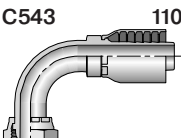
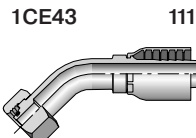
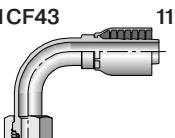
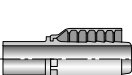
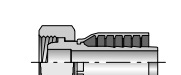
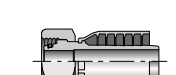
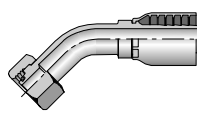
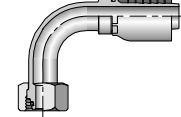
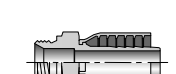
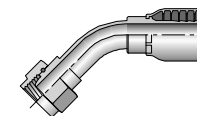
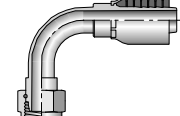
NOTE: All S9 fittings are shipped WITHOUT PLATING and will need to be plated or painted once the brazing process is completed.

43 Series Fittings

 NPTF/ NPSM Pipe	10143 86	0143 86	11343 87	11L43 87	10243 88
	 Male - Rigid	 Flange Head	 Male - Swivel	 Male - Swivel 90° Elbow	 Female - Rigid
1S243 88	10743 88	 Straight Thread O-Ring	10543 89	10G43 89	10L43 90
 Female - Swivel	 Female - Swivel		 Male - Rigid	 Male - Swivel	 Male - Swivel 90° Elbow
 JIC 37°	10343 90	1LB43 91	10643 91	13743 92	1L743 92
	 Male - Rigid	 Male - Bulkhead	 Female - Swivel	 Female - Swivel 45° Elbow - Short	 Female - Swivel 45° Elbow - Medium
13943 93	1L943 93	14143 94	 SAE 45°	10443 94	10843 94
 Female - Swivel 90° Elbow - Short	 Female - Swivel 90° Elbow - Medium	 Female - Swivel 90° Elbow - Long		 Male - Rigid	 Female - Swivel
17743 95	17943 95	 Flareless	11143 95	11243 96	1GJ43 96
 Female - Swivel 45° Elbow	 Female - Swivel 90° Elbow		 Male - Rigid	 Female - Swivel	 Female - Rigid
 Inverted Flare	12843 96	16743 96	16943 97	 Code 61 Flange	11543 97
	 Male - Swivel	 Male - Swivel 45° Elbow	 Male - Swivel 90° Elbow		 Flange Head
1543 97	11643 98	12643 98	11743 98	12743 99	11843 99
 Flange Head	 22-1/2° Elbow	 30° Elbow	 45° Elbow	 60° Elbow	 67-1/2° Elbow

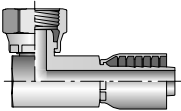
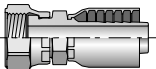
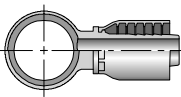
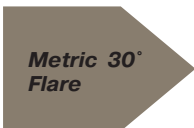
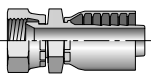
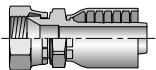
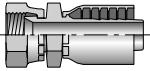
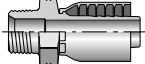
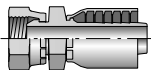
Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

43 Series Fittings

11943 99  <i>90° Elbow</i>	 Code 62 Flange	16A43 100  <i>Flange Head</i>	16F43 100  <i>45° Elbow</i>	16N43 100  <i>90° Elbow</i>	 Seal-Lok® (O-Ring Face Seal)
1J043 101  <i>Male - Rigid w/O-Ring</i>	1JB43 101  <i>Male - Bulkhead w/O-Ring</i>	1JC43 102  <i>Female - Swivel Short</i>	1JS43 103  <i>Female - Swivel Long</i>	1J643 103  <i>Female - Swivel 22-1/2° Elbow</i>	1J743 104  <i>Female - Swivel 45° Elbow</i>
1J943 105  <i>Female - Swivel 90° Elbow - Short</i>	1J543 105  <i>Female - Swivel 90° Elbow - Medium</i>	1J143 106  <i>Female - Swivel 90° Elbow - Long</i>	 UPTC	1EN43 108  <i>Male</i>	1ET43 108  <i>Male 90° Elbow</i>
1EU43 108  <i>Male 45° Elbow</i>	 DIN "L" Series & DIN "L" w/O-Ring	1D043 109  <i>Male - Rigid</i>	11D43 109  <i>Male Standpipe Rigid</i>	1C343 110  <i>Female - Swivel</i>	1C443 110  <i>Female - Swivel 45° Elbow</i>
1C543 110  <i>Female - Swivel 90° Elbow</i>	1CA43 111  <i>Female - Swivel</i>	1CE43 111  <i>Female - Swivel 45° Elbow</i>	1CF43 112  <i>Female - Swivel 90° Elbow</i>	 DIN "S" Series & DIN "S" w/O-Ring	1D243 112  <i>Male - Rigid</i>
13D43 113  <i>Male Standpipe Rigid</i>	1C643 113  <i>Female - Swivel</i>	1C943 114  <i>Female - Swivel</i>	10C43 115  <i>Female - Swivel 45° Elbow</i>	11C43 115  <i>Female - Swivel 90° Elbow</i>	 DIN 60° Cone
1C043 114  <i>Female - Swivel</i>	 BSP	1D943 116  <i>Male - Rigid</i>	19243 116  <i>Female - Swivel</i>	1B143 117  <i>Female - Swivel 45° Elbow</i>	1B243 117  <i>Female - Swivel 90° Elbow</i>

Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

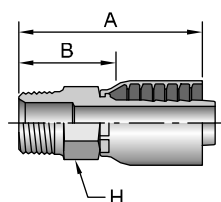
43 Series Fittings

1B443 117  <i>Female - Swivel 90° Elbow - Block Type</i>	1B543 118  <i>Female - Swivel Flat Seat</i>	 Banjo	14943 118  <i>Metric Banjo</i>	 Metric 30° Flare	1MU43 119  <i>Female - Swivel</i>
1XU43 119  <i>Female - Swivel</i>	 JIS	1FU43 119  <i>Female - Swivel</i>	1UT43 120  <i>Male - Rigid</i>	1GU43 120  <i>Female - Swivel</i>	 43 Series Crimp Shell
10043 120  43 Series Crimp Shell (for -40 only)	 Brazable	1S943 121  <i>Female Slip-Fit Counterbore - Straight</i>			

Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

10143

Male NPTF Pipe - Rigid



view on web page

# Part Number	 Thread inch	 Hose I.D. inch	A		 H inch	B		Additional Material Stainless Steel (C)
			inch	mm		inch	mm	
10143-2-4	1/8x27	1/4	1.80	46	9/16	1.05	27	
10143-4-4	1/4x18	1/4	2.01	51	9/16	1.26	32	•
10143-4-5	1/4x18	5/16	1.94	49	11/16	1.19	30	
10143-4-6	1/4x18	3/8	2.28	58	3/4	1.25	32	
10143-6-4	3/8x18	1/4	1.86	47	11/16	1.11	28	
10143-6-5	3/8x18	5/16	1.94	49	11/16	1.19	30	
10143-6-6	3/8x18	3/8	2.37	60	3/4	1.34	34	•
10143-6-8	3/8x18	1/2	2.59	66	7/8	1.33	34	
10143-6-10	3/8x18	5/8	2.61	66	15/16	1.17	30	
10143-8-4	1/2x14	1/4	2.13	54	7/8	1.38	35	
10143-8-6	1/2x14	3/8	2.39	61	7/8	1.36	35	
10143-8-8	1/2x14	1/2	2.84	72	7/8	1.58	40	•
10143-8-10	1/2x14	5/8	3.04	77	15/16	1.59	40	
10143-8-12	1/2x14	3/4	3.04	77	1-1/16	1.60	41	
10143-12-8	3/4x14	1/2	2.68	68	1-1/16	1.42	36	
10143-12-10	3/4x14	5/8	2.87	73	1-1/16	1.43	36	
10143-12-12	3/4x14	3/4	3.09	78	1-1/16	1.65	42	•
10143-12-16	3/4x14	1	3.40	86	1-3/8	1.78	45	
10143-16-12	1x11-1/2	3/4	3.09	78	1-3/8	1.65	42	
10143-16-16	1x11-1/2	1	3.59	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	

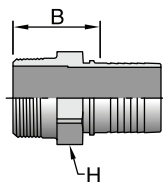
Stainless steel fittings must be assembled with Karrykrimp 2, PHastkrimp, Superkrimp or Parkrimp 2.
See CrimpSource for more information.



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

0143

Male NPTF Pipe - Rigid



view on web page

# Part Number	 Thread inch	 Hose I.D. inch	 H inch	B	
				inch	mm
0143-40-40	2-1/2x8	2-1/2	3	3.09	78,4
0143-48-48	3x8	3	3-5/8	3.13	79,6

-40 & -48 size sold as a two piece fitting. See page 120 for -40 & -48 shell.
Approved for 187 Hose only.



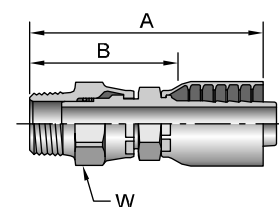
WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

11343

Male NPTF Pipe - Swivel

#			A			B		Additional Material Stainless Steel (C)	*O-Ring (W)
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	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	•	•



view on web page

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.

*For water-based fluid applications, use the alternate O-Ring "W".

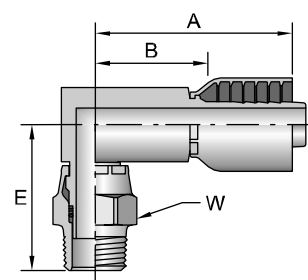
See the table above for applicable part numbers and an example of the nomenclature for ordering purposes is 11343W-4-4 with the "W" after the series.

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

11L43

Male NPTF Pipe - Swivel - 90° Elbow

#			A		E			B		Additional Material Stainless Steel (C)	*O-Ring (W)
Part Number	Thread inch	Hose I.D. 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	•	•



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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.

*For water-based fluid applications, use the alternate O-Ring "W".

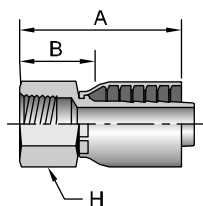
See the table above for applicable part numbers and an example of the nomenclature for ordering purposes is 11343W-4-4 with the "W" after the series.

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

10243

Female NPTF Pipe - Rigid



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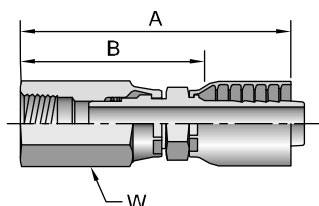
#							
Part Number	Thread inch	Hose I.D. inch	inch	mm	H inch	inch	B mm
10243-2-4	1/8x27	1/4	1.68	43	5/8	0.93	24
10243-4-4	1/4x18	1/4	1.78	45	11/16	1.03	26
10243-4-6	1/4x18	3/8	2.05	52	3/4	1.02	26
10243-6-4	3/8x18	1/4	2.05	52	7/8	1.30	33
10243-6-6	3/8x18	3/8	2.32	59	7/8	1.29	33
10243-8-6	1/2x14	3/8	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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1S243

Female NPTF Pipe - Swivel



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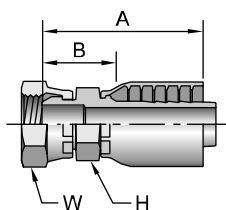
#							
Part Number	Thread inch	Hose I.D. inch	inch	mm	W inch	inch	B mm
1S243-4-4	1/4x18	1/4	3.33	85	3/4	2.58	66



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

10743

Female NPSM Pipe - Swivel - (60° Cone)



view on web page

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

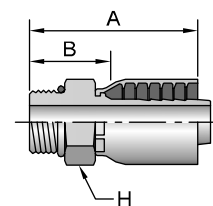
Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

10543

Male SAE Straight Thread with O-Ring - Rigid

# Part Number			 Hose I.D. inch	A		 H	B	
	Thread inch			inch	mm		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
10543-8-10	1/2	3/4x16	5/8	2.63	67	1	1.19	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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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10G43

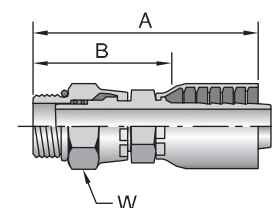
Male SAE Straight Thread with O-Ring - Swivel

# Part Number	 Thread inch		 Hose I.D. inch	A		 W	B		Additional Material Stainless Steel (C)	*O-Ring (W)
			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.

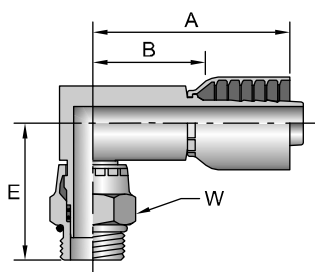
WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



view on web page

10L43

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



view on web page

#	Thread	Hose I.D.	A	E	W	B	Additional Material Stainless Steel (C)	*O-Ring (W)
Part Number	inch	inch	inch mm	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.

*For water-based fluid applications, use the alternate O-Ring "W". See the table above for applicable part numbers and an example of the nomenclature for ordering purposes is 11343W-4-4 with the "W" after the series.

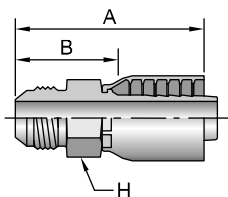


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10343

Male JIC 37° - Rigid

ISO 12151-5



view on web page

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



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Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

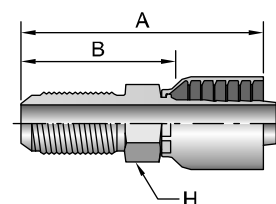
1LB43

Male JIC 37° - Bulkhead without Locknut

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

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

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10643

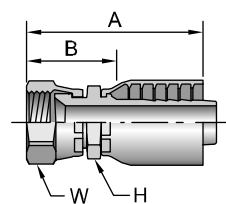
Female JIC 37° - Swivel

ISO 12151-5

#				A				B		Additional Material Stainless Steel (C)
Part Number	Thread inch		Hose I.D. inch	inch	mm	H inch	W inch	inch	mm	
10643-4-4	1/4	7/16x20	1/4	1.94	49,0	9/16	9/16	1.19	30,0	•
10643-4-6	1/4	7/16x20	3/8	2.20	56,0	11/16	9/16	1.17	30,0	
10643-5-4	5/16	1/2x20	1/4	2.03	52,0	9/16	5/8	1.28	33,0	
10643-5-5	5/16	1/2x20	5/16	2.08	53,0	11/16	5/8	1.33	34,0	
10643-5-6	5/16	1/2x20	3/8	2.26	57,0	11/16	5/8	1.23	31,0	
10643-6-4	3/8	9/16x18	1/4	2.05	52,0	9/16	11/16	1.30	33,0	
10643-6-5	3/8	9/16x18	5/16	2.10	53,0	11/16	11/16	1.35	34,0	
10643-6-6	3/8	9/16x18	3/8	2.39	62,0	11/16	11/16	1.36	36,0	•
10643-6-8	3/8	9/16x18	1/2	2.51	64,0	13/16	11/16	1.25	32,0	
10643-8-6	1/2	3/4x16	3/8	2.49	63,0	11/16	7/8	1.46	37,0	•
10643-8-8	1/2	3/4x16	1/2	2.63	67,0	13/16	7/8	1.37	35,0	•
10643-8-10	1/2	3/4x16	5/8	2.82	72,0	15/16	7/8	1.38	35,0	
10643-8-12	1/2	3/4x16	3/4	2.83	72,0	1-1/16	7/8	1.39	35,0	
10643-10-6	5/8	7/8x14	3/8	2.51	64,0	7/8	1	1.48	38,0	
10643-10-8	5/8	7/8x14	1/2	2.85	72,0	13/16	1	1.59	40,0	
10643-10-10	5/8	7/8x14	5/8	3.21	81,5	15/16	1	1.76	45,0	•
10643-10-12	5/8	7/8x14	3/4	2.93	74,0	1-1/16	1	1.49	38,0	
10643-12-8	3/4	1-1/16x12	1/2	2.78	71,0	1-1/16	1-1/4	1.52	39,0	
10643-12-10	3/4	1-1/16x12	5/8	3.10	79,0	1-1/16	1-1/4	1.66	42,0	
10643-12-12	3/4	1-1/16x12	3/4	3.43	87,0	1-1/16	1-1/4	2.00	51,0	•
10643-12-16	3/4	1-1/16x12	1	3.29	84,0	1-3/8	1-1/4	1.67	42,0	
10643-14-12	7/8	1-3/16x12	3/4	3.18	81,0	1-1/4	1-3/8	1.74	44,0	
10643-16-12	1	1-5/16x12	3/4	3.31	84,0	1-1/4	1-1/2	1.87	47,0	
10643-16-16	1	1-5/16x12	1	3.88	98,6	1-3/8	1-1/2	2.26	57,5	•
10643-20-16	1-1/4	1-5/8x12	1	3.81	97,0	1-5/8	2	2.19	56,0	
10643-20-20	1-1/4	1-5/8x12	1-1/4	3.94	100,0	1-7/8	2	2.25	57,0	•
10643-24-24	1-1/2	1-7/8x12	1-1/2	3.84	98,0	2-1/8	2-1/4	2.47	63,0	
10643-32-32	2	2-1/2x12	2	4.73	120,0	2-1/2	2-7/8	2.95	75,0	

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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



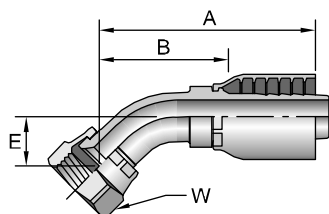
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Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

13743

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

ISO 12151-5



view on web page

#										
Part Number	Thread		Hose I.D.	A		E		W	B	
	inch		inch	inch	mm	inch	mm	inch	inch	mm
13743-4-4	1/4	7/16x20	1/4	1.96	50.0	0.39	10	9/16	1.21	31.0
13743-5-4	5/16	1/2x20	1/4	2.19	56.0	0.39	10	5/8	1.26	37.0
13743-6-4	3/8	9/16x18	1/4	2.23	57.0	0.39	10	11/16	1.48	38.0
13743-6-6	3/8	9/16x18	3/8	2.76	70.0	0.43	11	11/16	1.73	43.9
13743-8-6	1/2	3/4x16	3/8	2.74	70.0	0.55	14	7/8	1.74	44.0
13743-8-8	1/2	3/4x16	1/2	3.20	81.2	0.59	15	7/8	1.94	49.3
13743-10-8	5/8	7/8x14	1/2	3.75	95.0	0.63	16	1	2.50	63.5
13743-10-10	5/8	7/8x14	5/8	3.73	94.7	0.63	16	1	2.29	58.17
13743-12-10	3/4	1-1/16x12	5/8	3.62	92.0	0.83	21	1-1/4	2.08	53.0
13743-12-12	3/4	1-1/16x12	3/4	4.55	115.57	0.83	21	1-1/4	3.11	79.0
13743-16-16	1	1-5/16x12	1	4.38	111.0	0.95	24	1-1/2	2.76	70.0
13743-20-20	1-1/4	1-5/8x12	1-1/4	4.59	117.0	1.19	30	2	2.82	72.0
13743-24-24	1-1/2	1-7/8x12	1-1/2	5.50	140.0	1.47	37	2-1/4	4.18	106.0

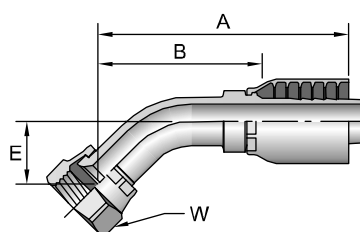


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1L743

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

ISO 12151-5



view on web page

#										
Part Number	Thread		Hose I.D.	A		E		W	B	
	inch		inch	inch	mm	inch	mm	inch	inch	mm
1L743-6-6	3/8	9/16x18	3/8	2.66	62	0.59	15	11/16	1.63	41
1L743-8-8	1/2	3/4x16	1/2	3.17	80	0.72	18	7/8	1.91	49
1L743-12-12	3/4	1-1/16x12	3/4	4.23	107	1.06	27	1-1/4	2.79	71
1L743-16-16	1	1-5/16x12	1	5.42	138	1.07	27	1-1/2	3.80	96



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

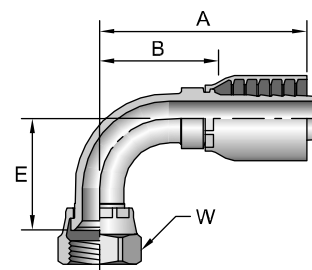
Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

13943

Female JIC 37° - Swivel - 90° Elbow - Short Drop
ISO 12151-5

#				A		E		W	B	
Part Number	Thread	Hose I.D.		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		2.05	52	0.83	21	9/16	1.02	26
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		2.26	60	0.77	20	5/8	1.51	38
13943-6-4	3/8 9/16x18	1/4		2.03	52	0.91	23	11/16	1.28	33
13943-6-6	3/8 9/16x18	3/8		2.25	57	0.91	23	11/16	1.22	31
13943-6-8	3/8 9/16x18	1/2		2.50	64	0.91	23	11/16	1.25	32
13943-8-6	1/2 3/4x16	3/8		2.28	58	1.14	29	7/8	1.25	32
13943-8-8	1/2 3/4x16	1/2		2.48	63	1.14	29	7/8	1.24	32
13943-10-8	5/8 7/8x14	1/2		2.96	75	1.26	32	1	1.26	32
13943-10-10	5/8 7/8x14	5/8		3.00	76	1.26	32	1	1.56	40
13943-12-8	3/4 1-1/16x12	1/2		3.25	83	1.89	48	1-1/4	1.99	51
13943-12-10	3/4 1-1/16x12	5/8		3.38	86	1.89	48	1-1/4	1.93	49
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		3.74	95	2.20	56	1-1/2	2.30	58
13943-16-16	1 1-5/16x12	1		4.31	109	2.20	56	1-1/2	2.69	68
13943-20-20	1-1/4 1-5/8x12	1-1/4		5.06	129	2.58	66	2	3.37	86
13943-24-24	1-1/2 1-7/8x12	1-1/2		5.84	148	3.38	86	2-1/4	4.47	114
13943-32-32	2 2-1/2x12	2		6.75	171,4	4.62	117	2-7/8	4.97	126,2

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



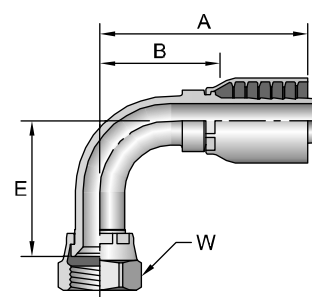
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1L943

Female JIC 37° - Swivel - 90° Elbow - Medium Drop
ISO 12151-5

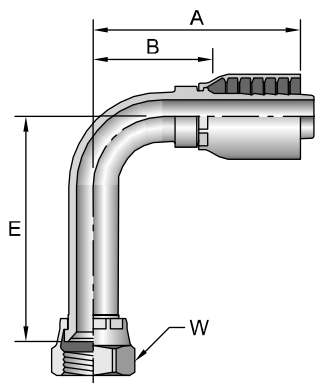
#				A		E		W	B	
Part Number	Thread	Hose I.D.		inch	mm	inch	mm	inch	inch	mm
1L943-4-4	1/4 7/16x20	1/4		2.00	51	1.26	32	9/16	1.25	32
1L943-6-4	3/8 9/16x18	1/4		2.12	54	1.50	38	11/16	1.37	35
1L943-6-6	3/8 9/16x18	3/8		2.30	57	1.50	38	11/16	1.27	31
1L943-8-6	1/2 3/4x16	3/8		2.67	68	1.61	41	7/8	1.64	42
1L943-8-8	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		3.23	82	1.85	47	1	1.97	50
1L943-10-10	5/8 7/8x14	5/8		3.43	87	1.76	45	1	1.99	50.5
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		4.31	109	2.80	71	1-1/2	2.69	68

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

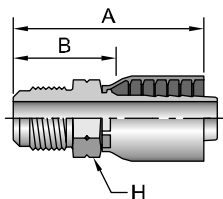
14143**Female JIC 37° - Swivel - 90° Elbow - Long Drop**
ISO 12151-5

view on web page

#			A		E			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
14143-4-4	1/4	7/16x20	1/4	1.96	50	1.81	46	9/16	1.21 31
14143-5-4	5/16	1/2x20	1/4	1.93	49	1.80	46	5/8	1.18 30
14143-6-6	3/8	9/16x18	3/8	2.39	61	2.13	54	11/16	1.37 35
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	2.55	65	2.76	64	7/8	1.29 33
14143-10-8	5/8	7/8x14	1/2	2.96	75	2.76	70	1	1.71 43
14143-10-10	5/8	7/8x14	5/8	3.10	79	3.78	70	1	1.66 42
14143-12-12	3/4	1-1/16x12	3/4	3.49	89	3.74	96	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	4.31	109	4.49	114	1-1/2	2.69 68
14143-20-20	1-1/4	1-5/8x12	1-1/4	4.39	112	5.28	134	2	2.73 69



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

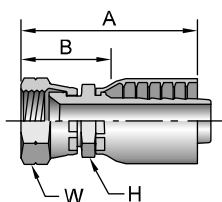
10443**Male SAE 45° - Rigid**

view on web page

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



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10843**Female SAE 45° - Swivel**

view on web page

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

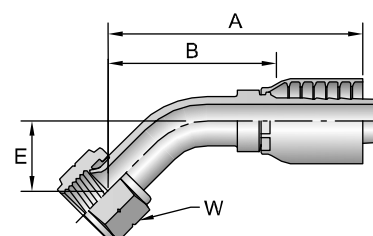
Notch on nut signifies SAE 45° flare.

Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

17743**Female SAE 45° - Swivel - 45° Elbow**

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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

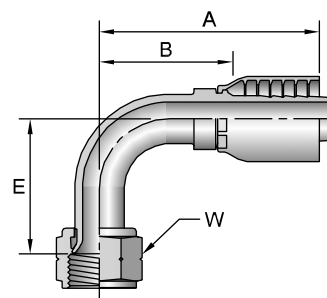


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17943**Female SAE 45° - Swivel - 90° Elbow**

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

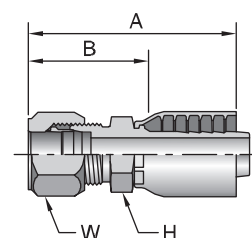
WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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11143**Male Ferulok Flareless - Rigid****(24° Cone with Nut and Ferrule)**

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



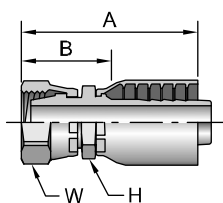
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The Parker Ferrul-Fix fitting makes it possible to salvage the bent tube section from a hose assembly for quick, easy on-the-job repairs. For additional information see Ferrule-Fix installation instructions in the Technical Section.

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Notch on nut signifies SAE 45° flare.

Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

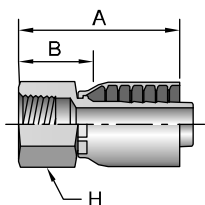
11243**Female Ferulok Flareless - Swivel - (24° Cone)**

[view on web page](#)

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



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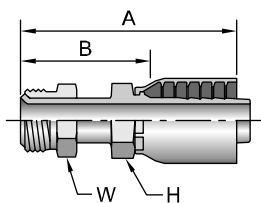
1GJ43**Female Grease Connection - SPL - PTF Taper Thread Rigid - 1/2 x 27**

[view on web page](#)

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

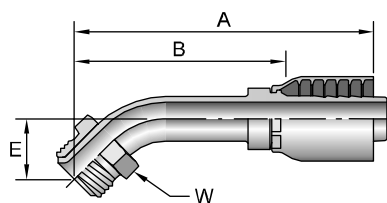
12843**Male Inverted SAE 45° - Swivel**

[view on web page](#)

#									
Part Number	Thread		Hose I.D.	A		H	W	B	
	inch		inch	inch	mm	inch	inch	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
12843-8-8	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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

16743**Male Inverted SAE 45° - Swivel - 45° Elbow**

[view on web page](#)

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

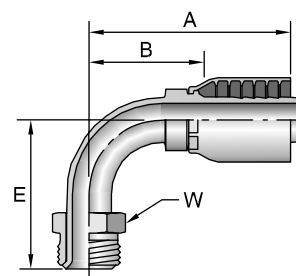
Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

16943

Male Inverted SAE 45° - Swivel - 90° Elbow

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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



[view on web page](#)

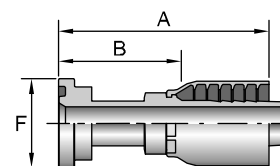
11543

SAE Code 61 Flange Head

ISO 12151-3 - S - L

#										
Part Number	Flange	Hose I.D.	A	F	B					
inch	inch	inch	inch	inch	inch	mm	mm	mm	mm	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	2.42	61,5			
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	2-13/16	2.60	66			
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			

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



[view on web page](#)

1543

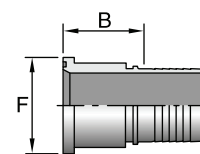
SAE Code 61 Flange Head

ISO 12151-3 - S - L

#						
Part Number	Flange	Hose I.D.	F	B		
inch	inch	inch	inch	inch	mm	mm
1543-40-40	2-1/2x8	2-1/2	3-5/16	2.73	69,2	
1543-48-48	3	3	4	3.54	90,0	

-40 size sold as a two piece fitting. See page B-66 for -40 shell.
Approved for 187 Hose only.

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



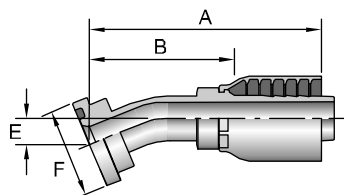
[view on web page](#)

See Accessories Section for O-Rings and Flange Kits.

Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

11643**SAE Code 61 Flange Head - 22-1/2° Elbow**

ISO 12151-3 - E22M - L



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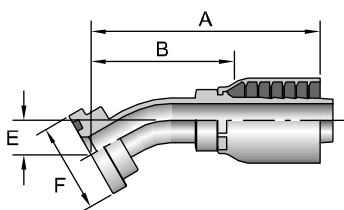
#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
11643-12-12	3/4	3/4	3.90	99	0.44	11	1-1/2	2.47	63
11643-16-12	1	3/4	3.89	99	0.44	11	1-3/4	2.46	62
11643-16-16	1	1	4.25	108	0.44	11	1-3/4	2.66	68
11643-20-16	1-1/4	1	4.25	108	0.44	11	2	2.66	68
11643-20-20	1-1/4	1-1/4	4.65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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

12643**SAE Code 61 Flange Head - 30° Elbow**

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



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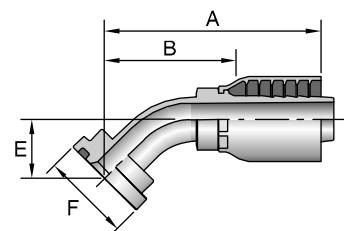
#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
12643-12-12	3/4	3/4	3.90	99	0.59	15	1-1/2	2.46	62
12643-16-16	1	1	4.38	111	0.62	16	1-3/4	2.76	70
12643-20-16	1-1/4	1	4.38	111	0.62	16	2	2.76	70
12643-20-20	1-1/4	1-1/4	4.39	112	0.72	18	2	2.70	69



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

11743**SAE Code 61 Flange Head - 45° Elbow**

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



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#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
11743-8-8	1/2	1/2	2.99	76	0.75	19	1-3/16	1.73	44
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	3.30	84	0.87	22	1-1/2	2.04	52
11743-12-12	3/4	3/4	3.85	98	1.02	26	1-1/2	2.41	61
11743-16-12	1	3/4	3.85	98	1.02	26	1-3/4	2.41	61
11743-16-16	1	1	4.76	121	1.26	32	1-3/4	3.14	80
11743-20-16	1-1/4	1	4.76	121	1.26	32	2	3.14	80
11743-20-20	1-1/4	1-1/4	5.61	142	1.50	38	2	3.92	100
11743-20-24	1-1/4	1-1/2	5.45	138	1.38	35	2	4.08	104
11743-24-20	1-1/2	1-1/4	5.55	141	1.50	38	2-3/8	3.86	98
11743-24-24	1-1/2	1-1/2	5.50	140	1.42	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	7.67	195	2.21	56	2-13/16	5.89	150



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

See Accessories Section for O-Rings and Flange Kits.

Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

12743

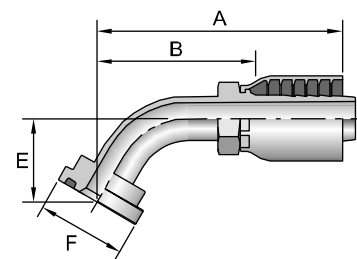
SAE Code 61 Flange Head - 60° Elbow

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

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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11843

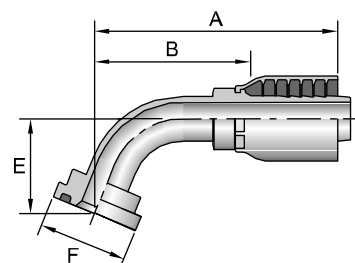
SAE Code 61 Flange Head - 67-1/2° Elbow

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

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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11943

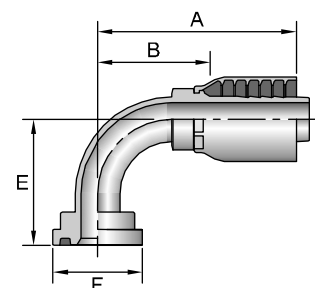
SAE Code 61 Flange Head - 90° Elbow

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

#	Flange	Hose I.D.	A		E		F	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
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
11943-16-12	1	3/4	3.59	91	2.24	57	1-3/4	2.15	55
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
11943-20-24	1-1/4	1-1/2	4.19	106	2.49	63	2	2.82	72
11943-24-20	1-1/2	1-1/4	5.09	129	3.54	90	2-3/8	3.40	86
11943-24-24	1-1/2	1-1/2	5.50	140	4.09	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	5.43	114	2-13/16	4.97	126



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



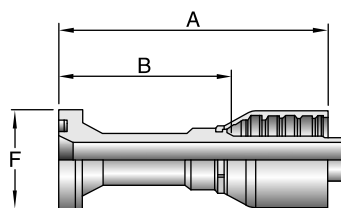
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See Accessories Section for O-Rings and Flange Kits.

Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

16A43

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



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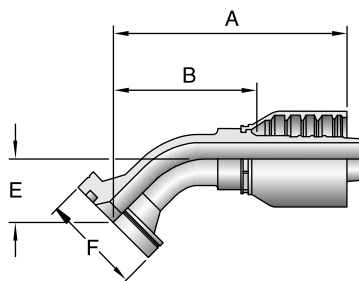
#			A		B		
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	F inch
16A43-12-12	3/4	3/4	4.12	104,6	2.68	68,0	1-5/8
16A43-16-12	1	3/4	3.10	78,7	1.66	42,2	1-7/8
16A43-16-16	1	1	4.81	122,2	3.19	81,0	1-7/8
16A43-20-16	1-1/4	1	3.61	91,7	1.99	50,5	2-1/8
16A43-20-20	1-1/4	1-1/4	5.01	127,3	3.32	84,3	2-1/8



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

16F43

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



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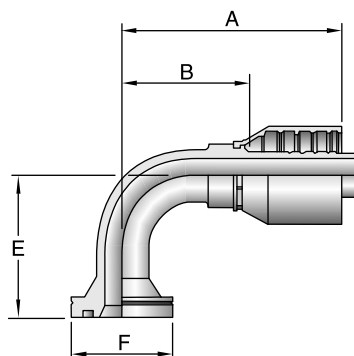
#			A		B			E	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	F inch	inch	mm
16F43-12-12	3/4	3/4	3.82	97,0	2.38	60,5	1-5/8	1.02	25,9
16F43-16-16	1	1	4.66	118,4	3.04	77,2	1-7/8	1.26	32,0
16F43-20-16	1-1/4	1	4.57	116,1	2.95	74,9	2-1/8	1.06	26,9



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

16N43

SAE Code 62 Flange Head - 90° Elbow ISO 12151-3 - E90S - S (1 Piece 12151-3-E90M-S)



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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

1J043

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

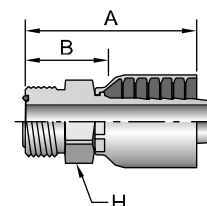
SAE J516 (Apr 2016)

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

Supplied with Parker's exclusive Trap-Seal™, which leads to improved retention within Seal-Lok's™ ORFS groove and virtually eliminates costly leakage and/or time consuming pre-assembly handling.



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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1JB43

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

End Connection per SAE J516 (Apr2016)

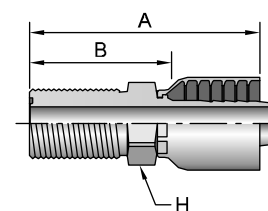
#							
Part Number	Thread	inch	Hose I.D.	inch	mm	inch	mm
1JB43-4-4	1/4	9/16x18	1/4	2.67	68	1.92	49
1JB43-6-6	3/8	11/16x16	3/8	3.08	78	2.05	52
1JB43-8-8	1/2	13/16x16	1/2	3.44	87	2.18	55
1JB43-10-8	5/8	1x14	1/2	3.69	94	2.43	62
1JB43-10-10	5/8	1x14	5/8	3.88	99	2.44	62
1JB43-12-12	3/4	1-3/16x12	3/4	3.95	100	2.51	64

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

Supplied with Parker's exclusive Trap-Seal™, which leads to improved retention within Seal-Lok's™ ORFS groove and virtually eliminates costly leakage and/or time consuming pre-assembly handling.



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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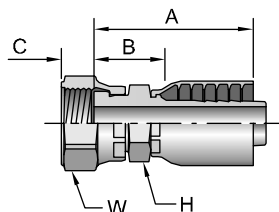
See Accessories Section for O-Rings and Flange Kits.

Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

1JC43

Female Seal-Lok® - Swivel - Short

ISO 12151-1 - SWSA



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# Part Number	Thread inch	Hose I.D. inch	A inch mm	C inch mm	H inch	W inch	B inch mm	Additional Material Stainless Steel (C)
1JC43-4-4	1/4 9/16x18	1/4	1.63 41	0.32 8	9/16	11/16	0.88 22	•
1JC43-4-4-SM	1/4 9/16x18	1/4	1.63 41	0.32 8	17 mm	17 mm	0.88 22	
1JC43-4-6	1/4 9/16x18	3/8	1.90 48	0.32 8	11/16	11/16	0.87 22	
1JC43-6-4	3/8 11/16x16	1/4	1.67 42	0.37 8	9/16	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	0.37 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	2.03 51	0.43 11	11/16	15/16	1.00 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	13/16	1-1/8	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	
1JC43-12-12	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.



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

See Accessories Section for O-Rings.

Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

1JS43

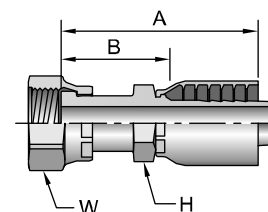
Female Seal-Lok® - Swivel - Long

ISO 12151-1 SWSB

#									
Part Number	Thread	inch	Hose I.D.	inch	A	H	W	inch	B
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	3.09	78	15/16	1-1/8	1.65	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	1-1/16	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	2.26	65



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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1J643

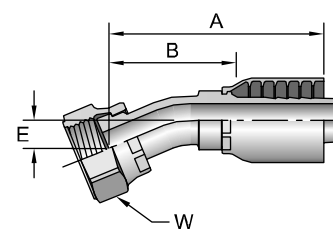
Female Seal-Lok® - Swivel - 22-1/2° Elbow

End Connection per ISO 8434-3-SWE

#										
Part Number	Thread	inch	Hose I.D.	inch	A	E	mm	W	inch	B
1J643-6-6	3/8	11/16x16	3/8	2.55	65	0.30	7.6	13/16	1.52	39
1J643-8-8	1/2	13/16x16	1/2	2.88	73	0.39	10	15/16	1.63	42



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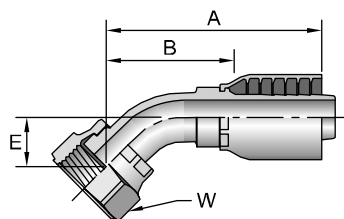
See Accessories Section for O-Rings.

Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

1J743

Female Seal-Lok® - Swivel - 45° Elbow

ISO 12151-1 - SWE45



view on web page

#										
Part Number	Thread inch		Hose I.D. inch	A		E		W	B	
				inch	mm	inch	mm	inch	inch	mm
1J743-4-4	1/4	9/16x18	1/4	1.97	50.0	0.39	10	11/16	1.22	31.0
1J743-4-4-SM	1/4	9/16x18	1/4	1.97	50.0	0.39	10	17 mm	1.22	31.0
1J743-4-6	1/4	9/16x18	3/8	2.23	57.0	0.39	10	11/16	1.20	30.0
1J743-6-4	3/8	11/16x16	1/4	2.08	53.0	0.43	11	13/16	1.33	34.0
1J743-6-4-SM	3/8	11/16x16	1/4	2.08	53.0	0.43	11	22 mm	1.33	34.0
1J743-6-5	3/8	11/16x16	5/16	2.37	60.0	0.43	11	13/16	1.62	41.0
1J743-6-6	3/8	11/16x16	3/8	2.76	70.0	0.43	11	13/16	1.73	44.0
1J743-6-8	3/8	11/16x16	1/2	2.66	68.0	0.43	11	13/16	1.41	36.0
1J743-8-4	1/2	13/16x16	1/4	2.56	65.0	0.59	15	15/16	1.81	46.0
1J743-8-6	1/2	13/16x16	3/8	2.53	64.0	0.59	15	15/16	1.50	38.0
1J743-8-6-SM	1/2	13/16x16	3/8	2.53	64.0	0.59	15	24 mm	1.50	38.0
1J743-8-8	1/2	13/16x16	1/2	3.19	81.0	0.59	15	15/16	1.93	49.0
1J743-8-8-SM	1/2	13/16x16	1/2	3.19	81.0	0.59	15	24 mm	1.93	49.0
1J743-8-10	1/2	13/16x16	5/8	3.09	78.0	0.59	15	15/16	1.65	42.0
1J743-10-8	5/8	1x14	1/2	3.75	95.0	0.63	16	1-1/8	2.50	63.0
1J743-10-10	5/8	1x14	5/8	3.73	94.7	0.63	16	1-1/8	2.29	58.2
1J743-10-12	5/8	1x14	3/4	3.36	85.0	0.65	16	1-1/8	1.93	49.0
1J743-12-8	3/4	1-3/16x12	1/2	3.57	91.0	0.82	21	1-3/8	2.31	59.0
1J743-12-10	3/4	1-3/16x12	5/8	3.62	92.0	0.83	21	1-3/8	2.18	55.0
1J743-12-12	3/4	1-3/16x12	3/4	4.55	115.57	0.83	21	1-3/8	3.11	79.0
1J743-12-16	3/4	1-3/16x12	1	3.67	93.0	0.81	21	1-3/8	2.05	52.0
1J743-16-12	1	1-7/16x12	3/4	4.02	102.0	0.94	24	1-5/8	2.59	66.0
1J743-16-16	1	1-7/16x12	1	4.38	111.0	0.94	24	1-5/8	2.76	70.0
1J743-16-20	1	1-7/16x12	1-1/4	4.59	117.0	0.94	24	1-5/8	2.94	75.0
1J743-20-16	1-1/4	1-11/16x12	1	4.52	115.0	1.00	25	1-7/8	2.93	74.0
1J743-20-20	1-1/4	1-11/16x12	1-1/4	4.78	121.0	1.00	25	1-7/8	3.09	78.0
1J743-24-20	1-1/2	2x12	1-1/4	4.99	127.0	1.11	28	2-1/4	3.30	84.0
1J743-24-24	1-1/2	2x12	1-1/2	4.70	119.0	1.07	27	2-1/4	3.33	85.0



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See Accessories Section for O-Rings.

Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

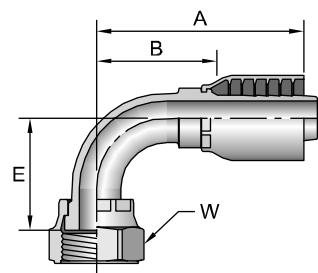
1J943

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

ISO 12151-1 - SWES90

#				A		E			B	
Part Number	Thread	inch	Hose I.D.	inch	mm	inch	mm	W	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
1J943-6-6	3/8	11/16x16	3/8	2.24	57	0.91	23	13/16	1.22	31
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	2.50	63	1.14	29	15/16	1.24	32
1J943-8-8-SM	1/2	13/16x16	1/2	2.50	63	1.14	29	24 mm	1.24	32
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	2.97	75	1.26	32	1-1/8	1.71	43
1J943-10-10	5/8	1x14	5/8	3.01	76	1.26	32	1-1/8	1.56	40
1J943-10-10-SM	5/8	1x14	5/8	3.01	76	1.26	32	30 mm	1.56	40
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	3.49	89	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
1J943-24-24	1-1/2	2x12	1-1/2	5.50	140	2.68	68	2-1/4	4.13	105

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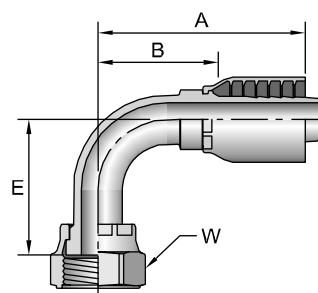
1J543

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

ISO 12151-1 - SWEM90

#				A		E			B	
Part Number	Thread	inch	Hose I.D.	inch	mm	inch	mm	W	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	1.41	36
1J543-6-6	3/8	11/16x16	3/8	2.40	61	1.50	38	13/16	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	2.55	65	1.61	41	15/16	1.29	33
1J543-10-8	5/8	1x14	1/2	2.97	75	1.85	47	1-1/8	1.71	43
1J543-10-10	5/8	1x14	5/8	3.10	79	1.85	47	1-1/8	1.66	42
1J543-10-12	5/8	1x14	3/4	3.28	83	1.88	48	1-1/8	1.84	47
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	4.31	110	2.78	71	1-5/8	2.69	68
1J543-20-20	1-1/4	1-11/16x12	1-1/4	4.89	124	3.09	78	1-7/8	3.20	81

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



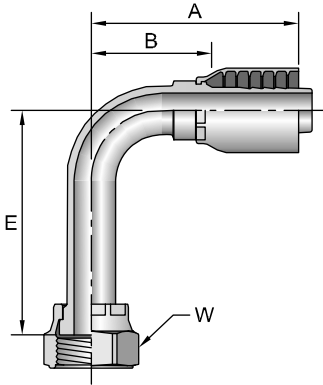
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See Accessories Section for O-Rings.

Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

1J143

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



view on web page

# Part Number	 Thread inch		 Hose I.D. inch	A		E		 W	B	
				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	2.13	54	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	2.55	65	2.52	64	15/16	1.29	33
1J143-10-8	5/8	1x14	1/2	2.97	75	2.76	70	1-1/8	1.71	43
1J143-10-10	5/8	1x14	5/8	3.10	79	2.76	70	1-1/8	1.66	42
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	4.31	109	4.49	114	1-5/8	2.69	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

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Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

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.

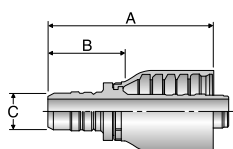
UPTC Pressure Ratings

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

Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

1EN43

UPTC Male



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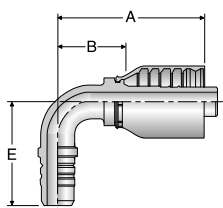
# Part Number	Hose End Size inch	A inch	B inch	C Nominal Connection Size	
				inch	mm
1EN43-8-4	1/4	1.83	1.08	0.31	8
1EN43-12-6	3/8	2.15	1.12	0.47	12
1EN43-15-8	1/2	2.51	1.25	0.59	15
1EN43-18-10	5/8	2.78	1.34	0.71	18
1EN43-22-12	3/4	2.81	1.37	0.87	22



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1ET43

UPTC Male 90° Elbow



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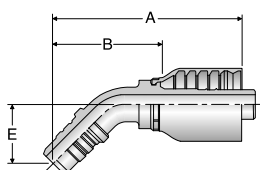
# Part Number	Hose End Size inch	A inch	B inch	C Nominal Connection Size		E inch
				inch	mm	
1ET43-8-4	1/4	1.78	1.03	0.31	8	1.54
1ET43-12-6	3/8	2.21	1.18	0.47	12	1.54
1ET43-15-8	1/2	2.51	1.25	0.59	15	1.77
1ET43-18-10	5/8	2.97	1.53	0.71	18	2.24
1ET43-22-12	3/4	3.43	1.99	0.87	22	2.50



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1EU43

UPTC Male 45° Elbow



view on web page

# Part Number	Hose End Size inch	A inch	B inch	C Nominal Connection Size		E inch
				inch	mm	
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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

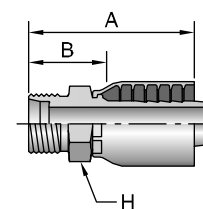
1D043

Male Metric L - Rigid - (24° Cone)

ISO 12151-2

#								
Part Number	Thread mm		Hose I.D. inch	inch	mm	H mm	inch	mm
1D043-6-4	6	M12x1,5	1/4	1.73	44	14	0.93	24
1D043-8-4	8	M14x1,5	1/4	1.61	41	14	0.93	24
1D043-10-5	10	M16x1,5	5/16	1.97	50	19	0.83	21
1D043-10-6	10	M16x1,5	3/8	1.97	50	19	0.83	21
1D043-12-6	12	M18x1,5	3/8	1.97	50	19	0.83	21
1D043-15-6	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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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11D43

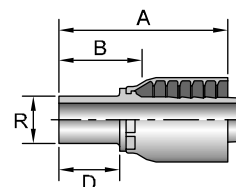
Male Standpipe Metric L - Rigid

End Connection per ISO 8434-1-SDS

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

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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

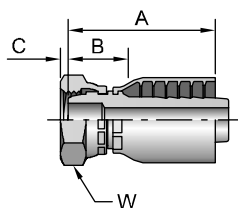


view on web page

Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

1C343

Female Metric L - Swivel - (Ball Nose)



view on web page

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

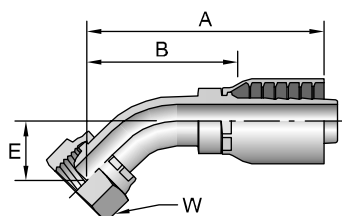
When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1C443

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



view on web page

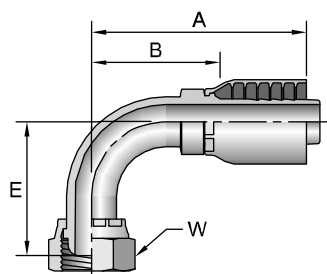
#										
Part Number	Thread mm	Hose I.D. inch	A		E		W mm	B		
			inch	mm	inch	mm		inch	mm	
1C443-8-4	8 M14x1,5	1/4	2.40	61	0.59	15	17	1.50	38	
1C443-10-5	10 M16x1,5	5/16	2.60	66	0.67	17	19	1.61	41	
1C443-10-6	10 M16x1,5	3/8	2.76	70	0.67	17	19	1.61	41	
1C443-12-6	12 M18x1,5	3/8	2.76	70	0.67	17	22	1.61	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	



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1C543

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



view on web page

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

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

Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

1CA43

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

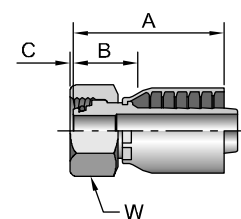
ISO 12151-2 - SWS

#									
Part Number	Thread	Hose I.D.	A	C	W	B			
	mm	inch	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
1CA43-10-6	10	M16x1,5	3/8	2.08	53	0.02	19	1.05	27
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	1.05	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
1CA43-42-24	42	M52x2	1-1/2	3.02	77	0.07	60	1.65	42

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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1CE43

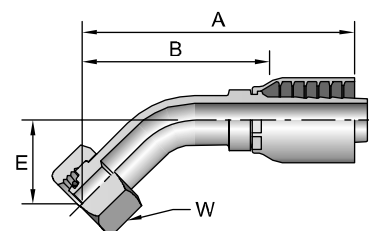
Female Metric L - Swivel - 45° Elbow - (24° Cone with O-Ring)

ISO 12151-2 - SWE45

#									
Part Number	Thread	Hose I.D.	A	E	W	B			
	mm	inch	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
1CE43-28-16	28	M36x2	1	4.92	125	1.34	34	3.30	84



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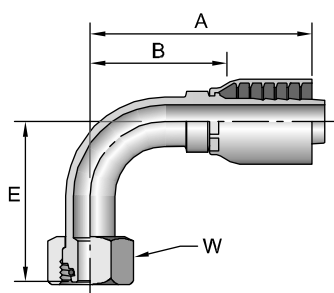
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Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

1CF43

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

ISO 12151-2 - SWE



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#				A		E			B	
Part Number	Thread mm	Hose I.D. inch		inch	mm	inch	mm	mm	inch	mm
1CF43-8-4	8 M14x1,5	1/4		2.01	51	1.14	29	17	1.10	28
1CF43-10-4	10 M16x1,5	1/4		2.05	52	1.14	29	19	1.10	28
1CF43-10-5	10 M16x1,5	5/16		2.40	61	1.16	29	19	1.46	37
1CF43-10-6	10 M16x1,5	3/8		2.56	65	1.38	35	19	1.46	37
1CF43-12-6	12 M18x1,5	3/8		2.52	64	1.42	36	22	1.38	35
1CF43-15-8	15 M22x1,5	1/2		2.80	71	1.69	43	27	1.46	37
1CF43-18-10	18 M26x1,5	5/8		3.17	81	1.77	45	32	1.61	41
1CF43-22-12	22 M30x2	3/4		3.50	89	2.17	55	36	1.93	49
1CF43-28-16	28 M36x2	1		4.44	113	3.07	78	41	2.82	72
1CF43-35-20	35 M45x2	1-1/4		5.12	130	3.11	79	50	3.27	83

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

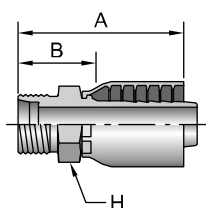


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1D243

Male Metric S - Rigid - (24° Cone)

ISO 12151-2



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



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Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

13D43

Male Standpipe Metric S - Rigid

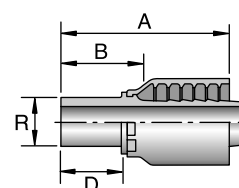
End Connection per ISO 8434-1-SDS

#			A		D		B	
Part Number	R mm	Hose I.D. inch	inch	mm	inch	mm	inch	mm
13D43-10-4	10	1/4	2.13	54	1.02	26	1.26	32
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

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.



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1C643

Female Metric S - Swivel - (Ball Nose)

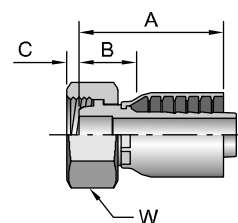
#			A		C			B	
Part Number	Thread mm	Hose I.D. inch	inch	mm	inch	mm	mm	inch	mm
1C643-8-4	8 M16x1,5	1/4	1.57	40	0.15	4	19	1.20	30
1C643-10-4	10 M18x1,5	1/4	1.63	41	0.10	3	22	1.20	30
1C643-12-6	12 M20x1,5	3/8	1.76	45	0.08	2	24	1.32	34
1C643-12-8	12 M20x1,5	1/2	2.18	55	0.08	2	24	1.30	33
1C643-14-6	14 M22x1,5	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.



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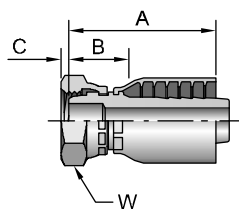


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Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

1C043

Female Metric - Swivel - (Ball Nose)



[view on web page](#)

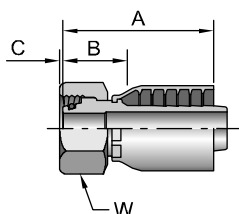
# Part Number	Thread mm		Hose I.D. inch	A inch mm		C inch mm		W mm	B inch mm	
1C043-20-12	20	M30x1,5	3/4	2.48	63	0.21	5	36	0.94	24
1C043-25-16	25	M38x1,5	1	2.99	76	0.28	7	46	1.14	29



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1C943

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



[view on web page](#)

# Part Number	Thread mm		Hose I.D. inch	A inch mm		C inch mm		W mm	B 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
1C943-10-6	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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

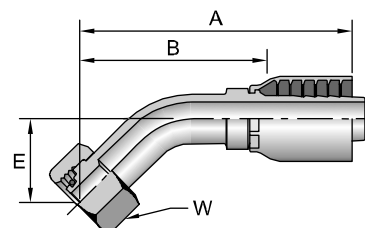
Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

10C43

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

ISO 12151-2 - SWE45

# Part Number	Thread mm	Hose I.D. inch	A		E		W	B	
			inch	mm	inch	mm	mm	inch	mm
10C43-8-4	8 M16x1,5	1/4	2.32	59	0.63	16	19	1.38	35
10C43-12-6	12 M20x1,5	3/8	2.72	69	0.79	20	24	1.57	40
10C43-14-6	14 M22x1,5	3/8	2.99	76	0.79	20	27	1.96	50
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



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



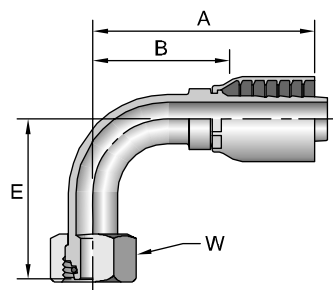
WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

11C43

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

ISO 12151-2 - SWE

# Part Number	Thread mm	Hose I.D. inch	A		E		W	B	
			inch	mm	inch	mm	mm	inch	mm
11C43-8-4	8 M16x1,5	1/4	1.89	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
11C43-20-12	20 M30x2	3/4	3.52	89	2.26	58	36	2.08	53
11C43-25-12	25 M36x2	3/4	3.50	89	2.32	59	46	1.93	49
11C43-25-16	25 M36x2	1	4.29	109	2.72	69	46	2.67	68
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



view on web page

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



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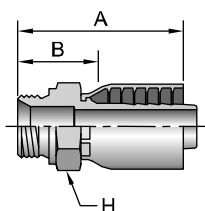
When used in a port, a bonded seal must be used.
See Accessories Section for more information.

Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

1D943

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

ISO 12151-6



view on web page

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

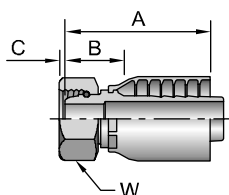


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19243

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

ISO 12151-6



view on web page

#									
Part Number	Thread inch	Hose I.D. inch	inch	A mm	inch	C mm	W mm	inch	B 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	1-1/4x11	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.



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

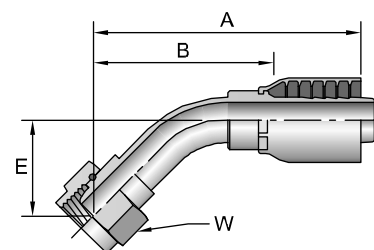
1B143

Female BSP Parallel Pipe - Swivel - 45° Elbow - (60° Cone) ISO 12151-6

#			A		E			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	W mm	inch	mm
1B143-4-4	1/4x19	1/4	2.26	57	0.61	15	19	1.51	38
1B143-6-6	3/8x19	3/8	2.61	66	0.67	17	22	1.59	40
1B143-8-8	1/2x14	1/2	3.10	78	0.79	20	27	1.85	46
1B143-10-10	5/8x14	5/8	3.53	89	0.91	23	30	2.08	52
1B143-12-10	3/4x14	5/8	3.47	88	0.87	22	32	2.02	51
1B143-12-12	3/4x14	3/4	3.77	95	0.98	24	32	2.34	59
1B143-16-16	1x11	1	4.72	119	1.22	30	41	3.10	78



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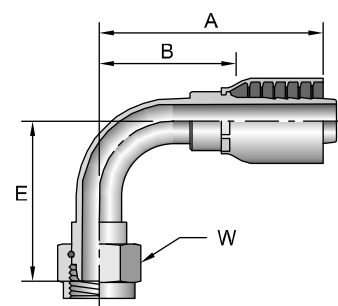


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1B243

Female BSP Parallel Pipe - Swivel - 90° Elbow - (60° Cone) ISO 12151-6

#			A		E			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	W 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
1B243-8-8	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



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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.



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

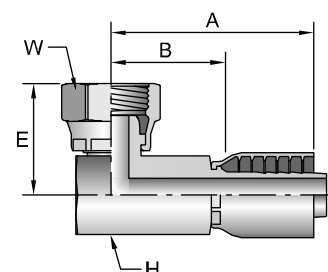
1B443

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

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



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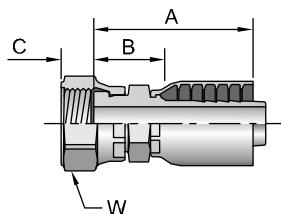
Metric S: Mates with EO "S" Series Fittings.

Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

1B543

Female BSP Parallel Pipe - Swivel - (Flat Seat)

ISO 228-1



view on web page

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

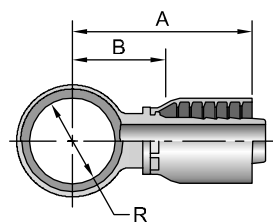
When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.



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14943

DIN Metric Banjo



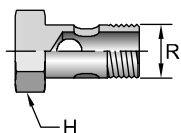
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#			A		B	
Part Number	R mm	Hose I.D. inch	inch	mm	inch	mm
14943-10-4	10	1/4	1.85	47	0.94	24
14943-12-4	12	1/4	1.85	47	0.98	25
14943-14-5	14	5/16	2.01	51	1.06	27
14943-16-6	16	3/8	2.28	58	1.14	29
14943-18-8	18	1/2	2.60	66	1.22	31
14943-22-10	22	5/8	2.91	74	1.38	35
14943-26-12	26	3/4	3.07	78	1.54	39



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

AM Banjo Bolt w/DIN Metric Thread



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

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



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

Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

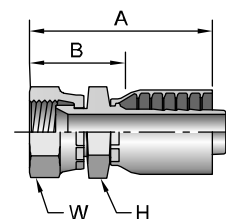
1MU43

Female Metric - Swivel - (30° Flare)

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

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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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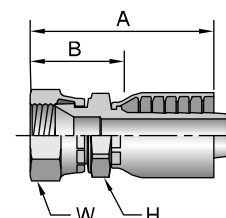
1XU43

Female Metric - Swivel - (30° Flare)

#								
Part Number	Thread mm	Hose I.D. inch	A		H	W	B	
			inch	mm	mm	mm	inch	mm
1XU43-10-10	M24x1,5	5/8	3.25	83	30	32	1.81	46
1XU43-12-12	M30x1,5	3/4	3.40	86	32	36	1.96	50
1XU43-16-16	M33x1,5	1	4.03	102	36	41	2.41	61

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.

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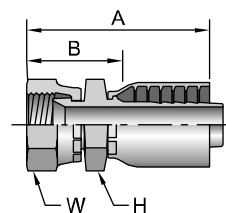
1FU43

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

B8363 Code F

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

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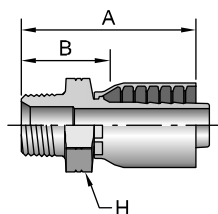
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Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

1UT43

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

B8363 Code R



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

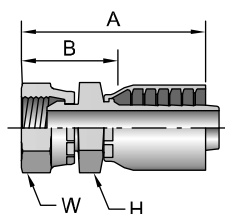


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1GU43

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

B8363 Code C



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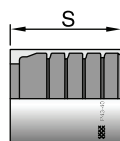
#			A				B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	H mm	W mm	inch	mm
1GU43-4-4	1/4x19	1/4	2.08	53	19	19	1.33	34
1GU43-6-6	3/8x19	3/8	2.45	62	22	22	1.42	36
1GU43-8-8	1/2x14	1/2	2.81	71	27	27	1.56	40
1GU43-12-12	3/4x14	3/4	3.24	82	36	36	1.81	46
1GU43-16-16	1x11	1	3.74	95	41	41	2.12	54
1GU43-20-20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



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10043

43 Series Crimp Shell



#			S	
Part Number	Hose I.D. inch	inch	mm	
10043-40	2-1/2	2.63	66,8	
10043-48	3	2.95	75,0	

-40 & -48 size sold as a two piece fitting. Approved for 187 Hose only.



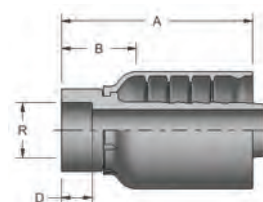
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Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

1S943

Female Slip-Fit Counterbore for Brazing - Straight

(Inch Size Tube O.D.)



view on web page

# Part Number	 Tube Size and Material	Tube Diameter R	Counter Bore Depth D	Cut-Off B	End of Shell A	Maximum Working Pressure for Fitting**	 Hose I.D.
1S943-4-4	1/4" OD x .049" wall SAE J525	0.250	0.34	0.67	1.42	4,000	1/4"
1S943-6-6	3/8" OD x .065" wall SAE J525	0.375	0.34	0.65	1.67	4,000	3/8"
1S943-8-6	1/2" OD x .083" wall SAE J525	0.500	0.34	0.71	1.74	4,000	3/8"
1S943-8-8	1/2" OD x .083" wall SAE J525	0.500	0.34	0.62	1.88	4,000	1/2"
1S943-10-8	5/8" OD x .095" wall SAE J525	0.625	0.35	0.73	1.99	4,000	1/2"
1S943-10-10	5/8" OD x .095" wall SAE J525	0.625	0.35	0.75	2.19	4,000	5/8"
1S943-12-12	3/4" OD x .120" wall SAE J525	0.750	0.49	0.90	2.34	4,000	3/4"
1S943-16-16	1.0" OD x .120" wall SAE J525	1.000	0.55	1.14	2.76	3,000	1"
1S943-20-20	1.25" OD x .148" wall SAE J525	1.250	0.55	1.28	2.97	3,000	1-1/4"
1S943-20-20C	1.25" OD x .095" wall 316 Stainless Steel	1.250	0.55	1.28	2.97	3,000	1-1/4"

ALL 1S943 FITTINGS ARE SHIPPED WITHOUT PLATING AND WILL REQUIRE PLATING OR PAINTING AFTER THE BRAZING PROCESS

Caution: Braze joint designed for silver braze only.

Fitting maximum working pressure rating has to be greater than or equal to the hose maximum working pressure.

**Pressure rating based on SAE J525 tubing and recommended wall thickness noted.



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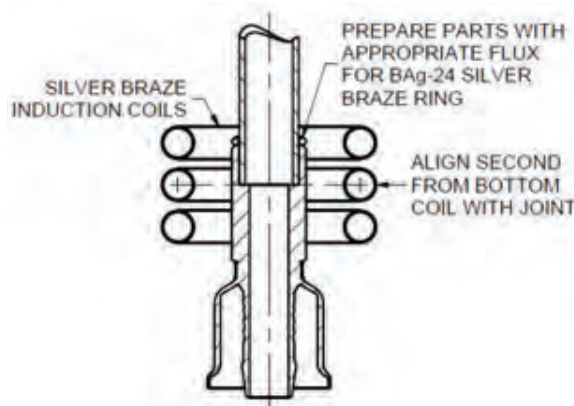
Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

Silver Brazing

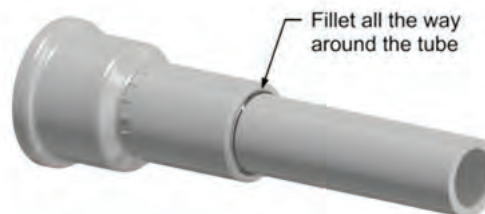
Silver brazing is the method of attaching the 'S9' braze nipple to the tube end. This process can be accomplished by using an induction brazing unit. (Note: induction brazing units are not available through Hose Products Division). During the heating process, the pre-formed braze ring is melted between the tube O.D. and the braze nipple counter-bore I.D., creating a strong bond between the two components.

Brazing Steps:

- 1. Cleaning the tube end:** All oil and oxide build-up must be removed from the tube end for at least the length of the braze joint. Oil may be removed by using an oil-free solvent. Oxide build-up may be removed by pickling or by lightly sanding with an aluminum-free emery paper.
- 2. Fixturing the parts for brazing:** Care should be taken so the braze fixture allows the tube to settle and seat on the bottom of the counter-bore completely during heating. Since the braze nipple counter-bore is designed for a slip fit, this should happen easily. Short tubes can be brazed in the vertical position. On longer tubes, the joint may need to be in the horizontal position, requiring a slight nudge to seat the tube at the bottom of the counter-bore on the braze nipple.
- 3. Applying flux:** Apply proper flux on to the tube end, braze nipple face and outside surface. Slide appropriate braze ring on tube and seat tube at bottom of counter-bore on braze nipple. The flux helps protect the parts from oxidizing and promotes braze flow.
- 5. Heating the part:** Apply heat uniformly to the joint by using an induction braze unit. Proper brazing involves heating the assembly to brazing temperature and flowing the filler metal through the joint. Heat should be applied broadly and uniformly to the tube as well as the upper body of the braze nipple. Thicker fitting and tubing sections take longer to heat. The tube and upper body of the braze nipple should heat to brazing temperature at about the same time. The braze alloy will always flow towards the area of higher temperature. In the drawing shown, the pre-formed BAg-24 silver braze ring has been placed on the tube at the top of the braze nipple counter-bore. The braze material will flow to the bottom of the counter-bore.



- 6. Cleaning the brazed joint:** After stopping heat application, allow the product to air cool. Any remaining residue can be removed by careful wire brushing or standard cleaning procedures to remove traces of discoloration and excess flux residue.
- 7. Corrosion protection after brazing:** This is an extremely important step following brazing. If the brazed parts are not to be plated or painted soon after brazing, a coating of rust inhibitors such as WD-403 or SP-3504 is recommended for the braze and heat affected area.



Inspection of Brazing

Inspect the braze for a fillet all the way around the tube at the top of the counter-bore on the braze nipple.

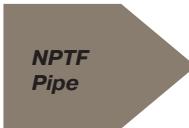
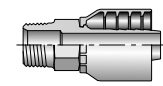
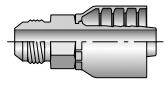
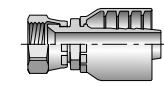
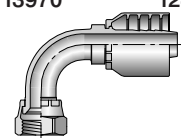
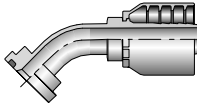
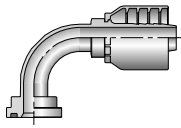
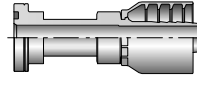
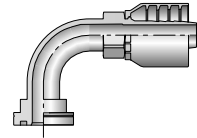
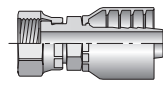
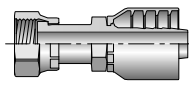
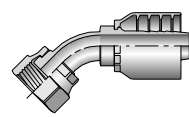
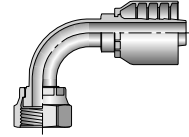
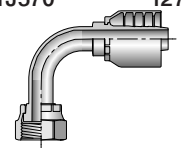
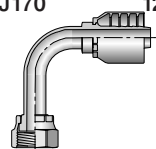
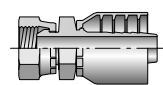
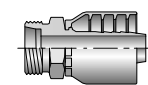
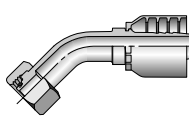
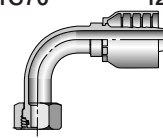
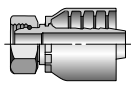
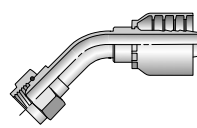
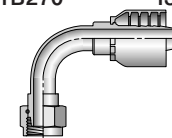
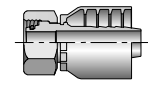
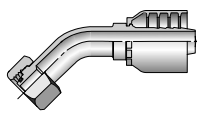
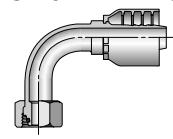
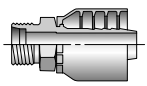
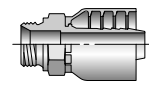
Caution: If there are gaps in the fillet, the joint may not be sound. In this case, re-brazing is recommended. Remove the braze nipple and re-braze a new one in its place.

- 3) A product of WD-40 Company, San Diego, CA 92220.
- 4) A product of CRC Chemicals, USA, Warminster, PA 18974 (215) 674-4300

NOTE: All S9 fittings are shipped WITHOUT PLATING and will need to be plated or painted once the brazing process is completed.

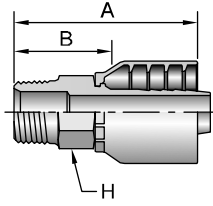
Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

70 Series Fittings

 NPTF Pipe	10170 124  <i>Male - Rigid</i>	 JIC 37°	10370 124  <i>Male - Rigid</i>	10670 124  <i>Female - Swivel</i>	13970 124  <i>Female - Swivel 90° Elbow - Short</i>
 Code 61 Flange	11770 125  <i>45° Elbow</i>	11970 125  <i>90° Elbow</i>	 Code 62 Flange	16A70 125  <i>Flange Head</i>	16N70 126  <i>90° Elbow</i>
 Seal-Lok® (O-Ring Face Seal)	1JC70 126  <i>Female - Swivel Short</i>	1JS70 126  <i>Female - Swivel Long</i>	1J770 127  <i>Female - Swivel 45° Elbow</i>	1J970 127  <i>Female - Swivel 90° Elbow - Short</i>	1J570 127  <i>Female - Swivel 90° Elbow - Medium</i>
1J170 127  <i>Female - Swivel 90° Elbow - Long</i>	 BSP 60° Cone	1GU70 128  <i>Female - Swivel</i>	 French Gaz	1FG70 128  <i>Male - Rigid</i>	 Metric
10C70 128  <i>Female Metric S - Swivel - 45° Elbow</i>	11C70 129  <i>Female Metric S - Swivel - 90° Elbow</i>	19270 129  <i>Female BSP - Swivel - 60° Cone</i>	1B170 129  <i>Female BSP - Swivel - 45° Elbow</i>	1B270 130  <i>Female BSP - Swivel - 90° Elbow</i>	1C970 130  <i>Female - Swivel</i>
1CE70 130  <i>Female Metric L - Swivel - 45° Elbow</i>	1CF70 131  <i>Female Metric L - Swivel - 90° Elbow</i>	1D270 131  <i>Male Metric S - Rigid</i>	1D970 131  <i>Male - BSP - Rigid</i>		

10170

Male NPTF Pipe - Rigid



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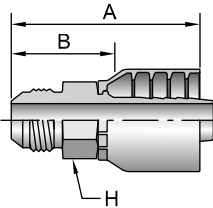
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Part Number	Thread	Hose I.D.	A		H	B	
	inch	inch	inch	mm	inch	inch	mm
10170-6-6	3/8x18	3/8	2.37	60	3/4	1.47	37
10170-8-8	1/2x14	1/2	2.84	72	7/8	1.40	36



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10370

Male JIC 37° - Rigid



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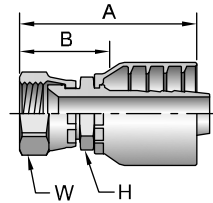
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Part Number	Thread	Hose I.D.	A		H	B	
	inch	inch	inch	mm	inch	inch	mm
10370-8-8	1/2 3/4x16	1/2	2.68	68	7/8	1.47	37
10370-10-8	5/8 7/8x14	1/2	2.62	66	15/16	1.41	36



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10670

Female JIC 37° - Swivel



[view on web page](#)

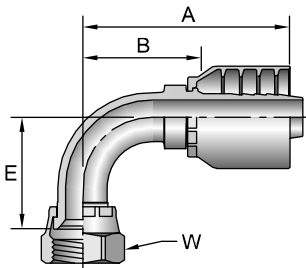
#								
Part Number	Thread	Hose I.D.	A		H	W	B	
	inch	inch	inch	mm	inch	inch	inch	mm
10670-6-6	3/8 9/16x18	3/8	2.29	58	11/16	11/16	1.39	35
10670-8-8	1/2 3/4x16	1/2	2.62	67	13/16	7/8	1.41	36
10670-10-8	5/8 7/8x14	1/2	2.85	72	7/8	1	1.64	42
10670-10-10	5/8 7/8x14	5/8	2.84	72	15/16	1	1.59	40



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13970

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



[view on web page](#)

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



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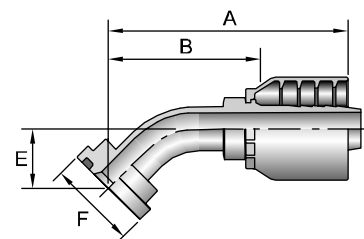
11770**SAE Code 61 Flange Head - 45° Elbow**

ISO 12151-3 - 45S - L

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
11770-8-8	1/2	1/2	3.28	83	0.77	20	1-3/16	2.07	53



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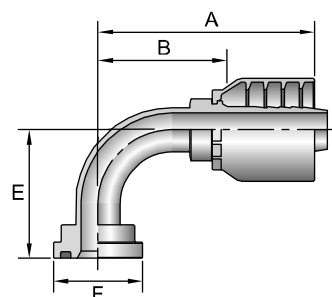
11970**SAE Code 61 Flange Head - 90° Elbow**

ISO 12151-3 - E90S - L

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



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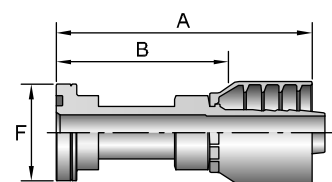
16A70**SAE Code 62 Flange Head**

ISO 12151-3 - S - S

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



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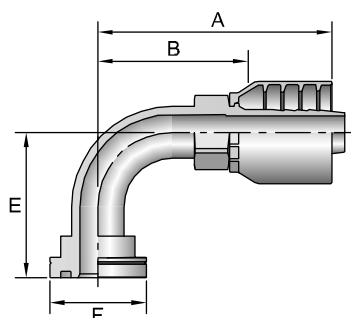
See Accessories Section for O-Rings and Flange Kits.

Use with hoses: F42

16N70

SAE Code 62 Flange Head - 90° Elbow

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



[view on web page](#)

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

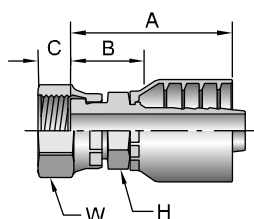


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1JC70

Female Seal-Lok® - Swivel - Short

ISO 12151- 1 - SWSA



[view on web page](#)

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

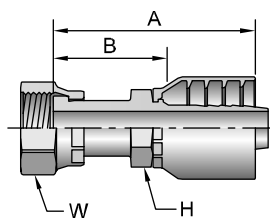


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1JS70

Female Seal-Lok® - Swivel - Long

ISO 12151- 1 - SWSB



[view on web page](#)

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



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See Accessories Section for O-Rings and Flange Kits.

Use with hoses: F42

Catalog 4400 US

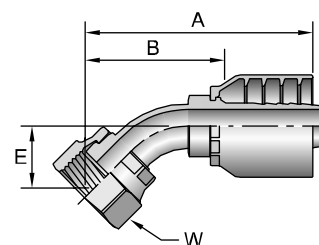
1J770

Female Seal-Lok® - Swivel - 45° Elbow

ISO 12151-1 - SWE45

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

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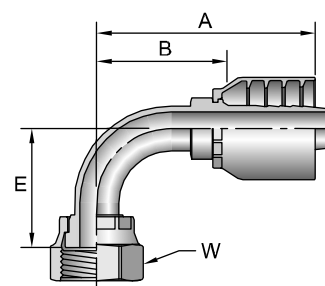
1J970

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

ISO 12151-1 - SWES90

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

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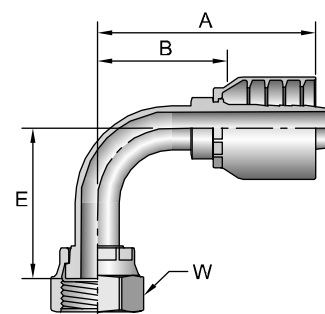
1J570

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

ISO 12151-1 - SWEM90

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

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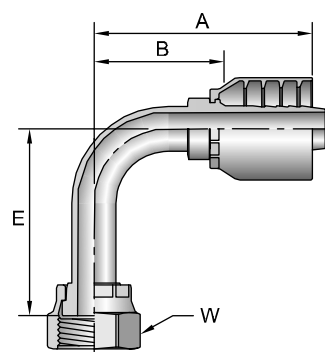
1J170

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

ISO 12151-1 - SWEL90

#	Thread	Hose I.D.	A		E		W	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
1J170-10-10	5/8 1x14	5/8	2.88	73	2.76	70	1-1/8	1.63	41

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



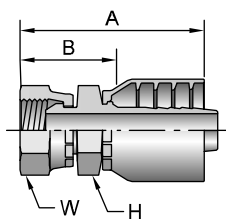
[view on web page](#)

See Accessories Section for O-Rings and Flange Kits.

Use with hoses: F42

1GU70

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



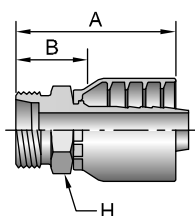
[view on web page](#)

#			A				B	
Part Number	Thread Inch	Hose I.D. inch	inch	mm	mm	inch	inch	mm
1GU70-8-8	1/2x14	1/2	2.82	72	27	NA	1.61	41

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1FG70

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



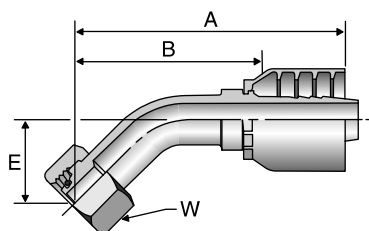
[view on web page](#)

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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

10C70

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



[view on web page](#)

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

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11C70

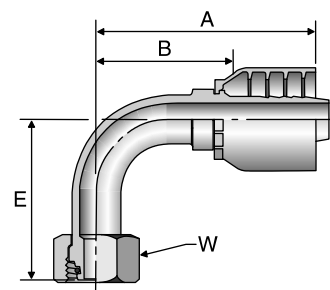
Female Metric S - Swivel - 90° Elbow - (24° Cone with O-Ring)

ISO 12151-2 - SWE

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



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[view on web page](#)

19270

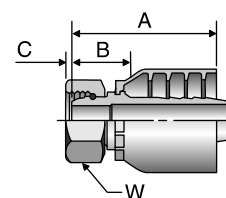
Female BSP Parallel Pipe - Swivel - (60° Cone)

ISO 228-1

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



[view on web page](#)

1B170

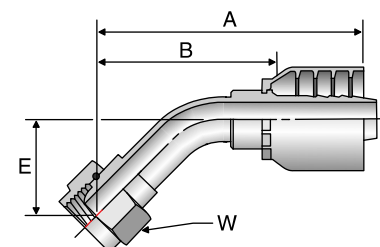
Female BSP Parallel pipe - Swivel- 45° Elbow - (60° Cone)

ISO 228-1

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



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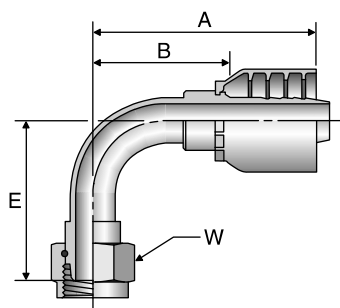
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Use with hoses: F42

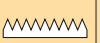
1B270

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

ISO 228-1



[view on web page](#)

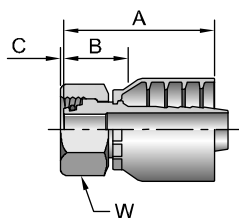
#			A		E		W	B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	mm	inch	mm
1B270-8-8	1/2x14	1/2	2.76	70	1.54	39	27	1.38	35
1B270-10-10	5/8x14	5/8	3.07	78	1.81	46	30	1.61	41
1B270-12-10	3/4x14	5/8	3.19	81	1.65	42	32	1.61	41



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1C970

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



[view on web page](#)

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

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

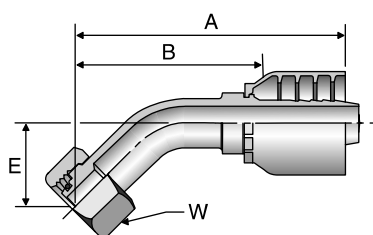


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1CE70

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

ISO 12151-2 - SWE45



[view on web page](#)

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



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Use with hoses: F42

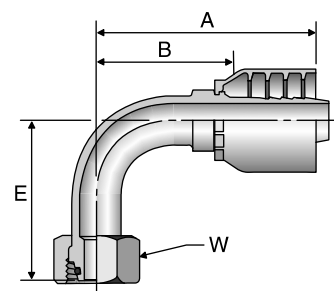
1CF70

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

ISO 12151-2 - SWE

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

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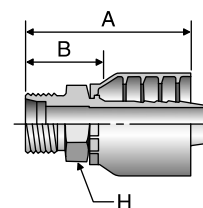
1D270

Male Metric S - Rigid - (24° Cone)

ISO 12151-2

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

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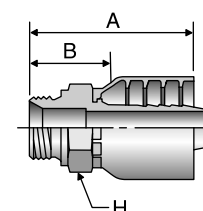
1D970

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

ISO 228-1

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

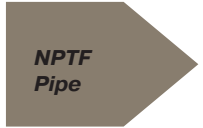
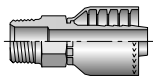
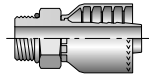
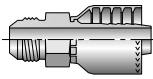
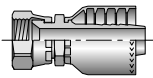
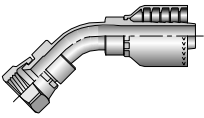
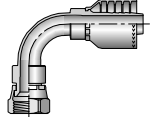
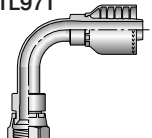
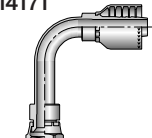
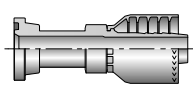
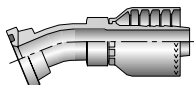
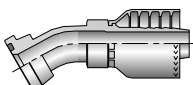
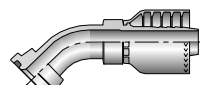
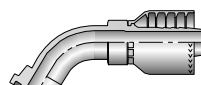
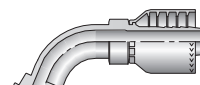
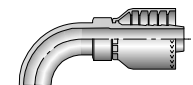
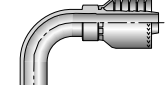
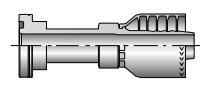
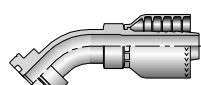
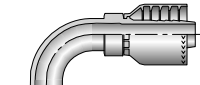
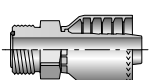
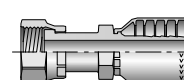
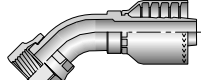
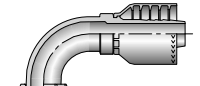
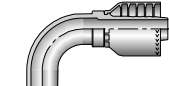
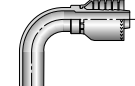
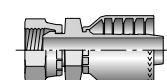
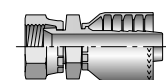
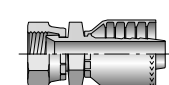
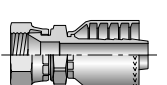
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Use with hoses: F42

71 Series Fittings

 NPTF Pipe	10171 133  Male - Rigid	 SAE	10571 133  Male - Rigid	 JIC	10371 133  Male - Rigid
10671 134  Female - Swivel	13771 134  Female - Swivel 45° Elbow - Short	13971 135  Female - Swivel 90° Elbow - Short	1L971 135  Female - Swivel 90° Elbow - Medium	14171 135  Female - Swivel 90° Elbow - Long	 Code 61 Flange
11571 136  Flange	11671 136  22-1/2° Elbow	12671 137  30° Elbow	11771 137  45° Elbow	12771 138  60° Elbow	11871 138  67-1/2° Elbow
11971 139  90° Elbow	18971 140  90° Elbow-Long	 Code 62 Flange	16A71 140  Flange	16F71 141  45° Elbow	16N71 141  90° Elbow
 Seal-Lok® (O-Ring Face Seal)	1J071 141  Male - Rigid	1JC71 142  Female - Swivel Short	1JS71 142  Female - Swivel Long	1J771 143  Female - Swivel 45° Elbow	1J971 143  Female - Swivel 90° Elbow - Short
1J571 144  Female - Swivel 90° Elbow - Medium	1J171 144  Female - Swivel 90° Elbow - Long	 BSP	1GU71 145  Female - Swivel	1FU71 145  Female - Swivel	 Metric
1MU71 145  Female - Swivel	1XU71 146  Female - Swivel				

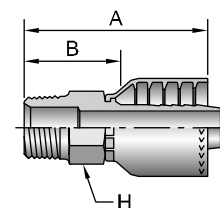
Use with hoses: 722TC, 774

10171

Male NPTF Pipe - Rigid

#							
Part Number	Thread	Hose I.D.	A		H	B	
	inch	inch	inch	mm	inch	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
10171-24-24	1-1/2x11-1/2	1-1/2	4.32	110	2	2.19	56
10171-32-32	2x11-1/2	2	4.72	118	2-1/2	2.52	64

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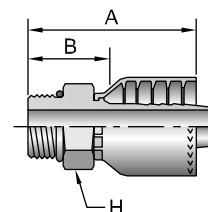
view on web page

10571

Male SAE Straight Thread with O-Ring - Rigid

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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



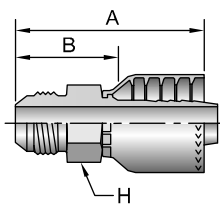
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10371

Male JIC 37° - Rigid

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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

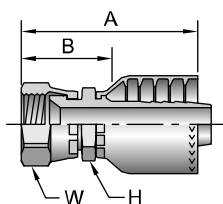


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Use with hoses: 722TC, 774

10671

Female JIC 37° - Swivel



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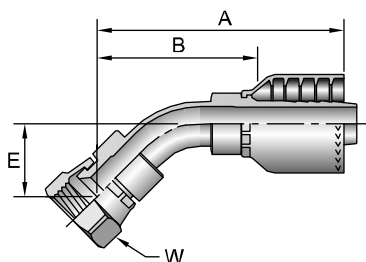
#												Additional Material Stainless Steel (C)
Part Number	Thread inch		Hose I.D. inch	A		H	W	B				
10671-6-6	3/8	9/16x18	3/8	2.28	58	11/16	11/16	1.39	35			
10671-8-6	1/2	3/4x16	3/8	2.47	63	11/16	7/8	1.58	40			
10671-8-8	1/2	3/4x16	1/2	2.61	66	13/16	7/8	1.41	36			
10671-10-8	5/8	7/8x14	1/2	2.84	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			
10671-12-12	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			
10671-16-12	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		•	



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

13771

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



view on web page

#												
Part Number	Thread inch		Hose I.D. inch	A		E		W	B			
13771-6-6	3/8	9/16x18	3/8	2.34	59.0	0.43	11	11/16	1.44	37.0		
13771-8-8	1/2	3/4x16	1/2	3.20	81.2	0.59	15	7/8	1.99	50.6		
13771-10-8	5/8	7/8x14	1/2	2.93	74.0	0.63	16	1	1.72	44.0		
13771-10-10	5/8	7/8x14	5/8	3.08	78.0	0.63	16	1	1.83	46.0		
13771-12-12	3/4	1-1/16x12	3/4	3.64	92.0	0.83	21	1-1/4	2.26	57.0		
13771-16-16	1	1-5/16x12	1	4.20	107.0	0.90	23	1-1/2	2.61	66.0		
13771-20-20	1-1/4	1-5/8x12	1-1/4	5.22	133.0	1.69	43	2	3.53	90.0		



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

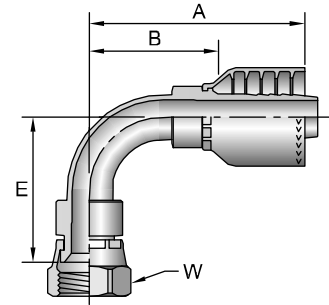
Use with hoses: 722TC, 774

13971**Female JIC 37° - Swivel - 90° Elbow - Short Drop**

# Part Number				A		E			B	
	Thread inch			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
13971-12-12	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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



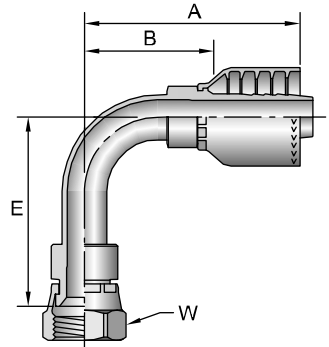
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1L971**Female JIC 37° - Swivel - 90° Elbow - Medium Drop**

# Part Number				A		E			B	
	Thread inch			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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



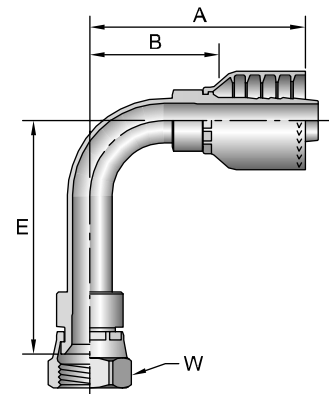
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14171**Female JIC 37° - Swivel - 90° Elbow - Long Drop**

# Part Number				A		E			B	
	Thread inch			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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

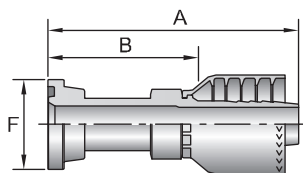


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Use with hoses: 722TC, 774

11571**SAE Code 61 Flange Head**

ISO 12151-3 - S - L



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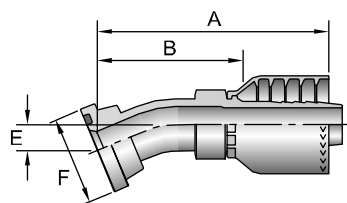
#			A			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	inch	mm
11571-8-8	1/2	1/2	3.48	88	1-3/16	2.27	58
11571-10-10	5/8	5/8	3.69	93,7	1-11/32	2.44	62,0
11571-12-8	3/4	1/2	2.46	62,5	1-1/2	1.26	32,0
11571-12-12	3/4	3/4	3.86	98	1-1/2	2.48	63
11571-16-12	1	3/4	2.74	70	1-3/4	1.36	35
11571-16-16	1	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
11571-32-24	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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

11671**SAE Code 61 Flange Head - 22-1/2° Elbow**

ISO 12151-3 - E22M - L



view on web page

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	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
11671-20-20	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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

See Accessories Section for O-Rings and Flange Kits.

Use with hoses: 722TC, 774

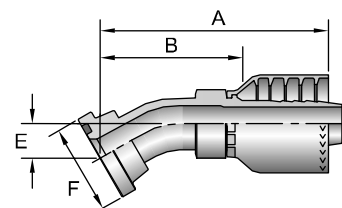
12671

SAE Code 61 Flange Head - 30° Elbow

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

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
12671-16-16	1	1	4.46	113	0.62	16	1-3/4	2.68	68
12671-24-24	1-1/2	1-1/2	6.01	153	0.88	22	2-3/8	3.82	97
12671-32-32	2	2	7.60	193	1.25	32	2-13/16	5.40	137

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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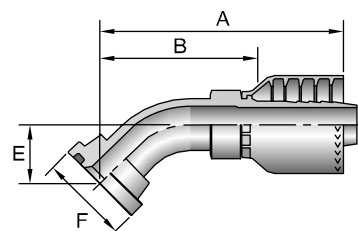
11771

SAE Code 61 Flange Head - 45° Elbow

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

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
11771-12-8	3/4	1/2	3.27	83	0.84	21	1-1/2	2.07	53
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
11771-24-20	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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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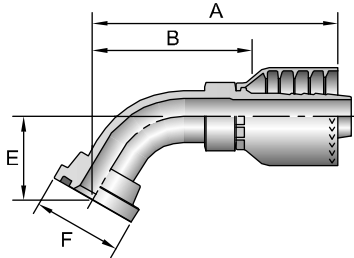
See Accessories Section for O-Rings and Flange Kits.

Use with hoses: 722TC, 774

12771

SAE Code 61 Flange Head - 60° Elbow

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



[view on web page](#)

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
12771-12-12	3/4	3/4	4.16	106	1.43	36	1-1/2	2.78	71
12771-16-16	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
12771-24-24	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

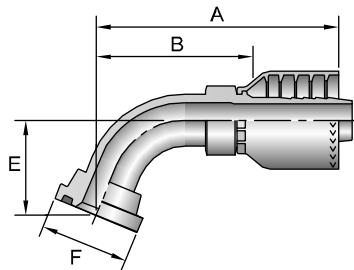


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

11871

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

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



[view on web page](#)

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
11871-12-12	3/4	3/4	4.12	105	1.62	41	1-1/2	2.74	70
11871-16-16	1	1	4.76	121	1.75	44	1-3/4	2.98	76
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
11871-32-32	2	2	7.89	200	3.31	84	2-13/16	5.69	145



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See Accessories Section for O-Rings and Flange Kits.

Use with hoses: 722TC, 774

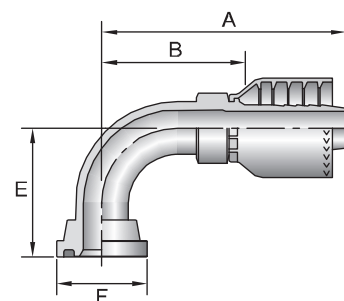
11971**SAE Code 61 Flange Head - 90° Elbow**

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

#			A		E			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
11971-12-8	3/4	1/2	2.93	74	1.66	42	1-1/2	1.72	44
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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



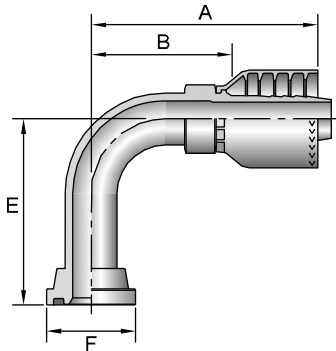
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See Accessories Section for O-Rings and Flange Kits.

Use with hoses: 722TC, 774

18971

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



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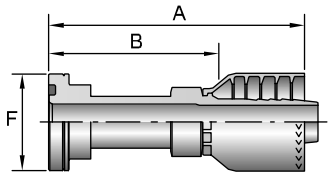
#									
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
18971-12-12	3/4	3/4	3.49	89	3.03	77	1-1/2	2.11	54
18971-16-16	1	1	4.52	115	4.60	117	1-3/4	2.74	70
18971-20-16	1-1/4	1	4.53	115	4.60	117	2	2.75	70

 **WARNING:** The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

16A71

SAE Code 62 Flange Head

ISO 12151-3 - S - S



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#							
Part Number	Flange inch	Hose I.D. 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

 **WARNING:** The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

See Accessories Section for O-Rings and Flange Kits.

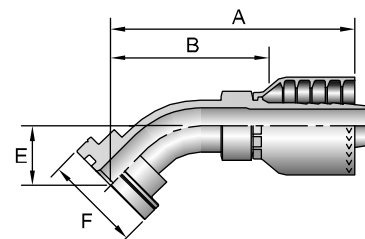
16F71

SAE Code 62 Flange Head - 45° Elbow

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

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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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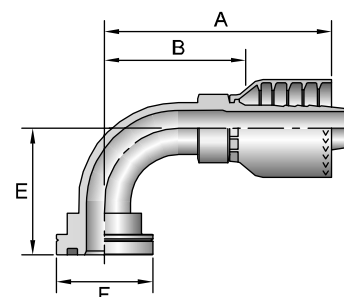
16N71

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 inch	A mm	E inch	E mm	F inch	B inch	B 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	6.73	171	4.09	104	2-1/2	4.54	115

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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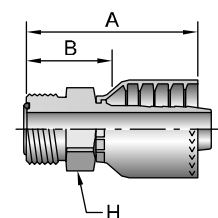
1J071

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

SAE J516 (Apr2016)

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

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See Accessories Section for O-Rings.



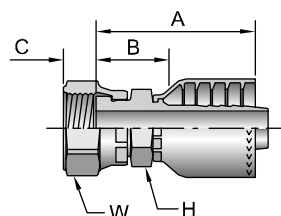
Refer to Pressure Rating of Hose End Connections Chart on page 482.

Use with hoses: 722TC, 774

1JC71

Female Seal-Lok® - Swivel - Short

ISO 12151-1 - SWSA



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

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

See Accessories Section for O-Rings and Flange Kits.

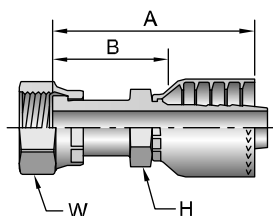


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1JS71

Female Seal-Lok® - Swivel - Long

ISO 12151-1 - SWSB



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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

See Accessories Section for O-Rings.



Refer to Pressure Rating of Hose End Connections Chart on page 482.

Use with hoses: 722TC, 774

1J771

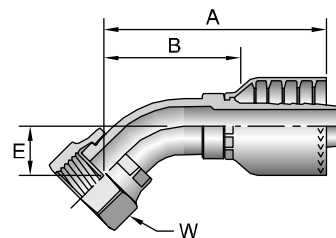
Female Seal-Lok® - Swivel - 45° Elbow

ISO 12151-1 - SWE45

#				A		E			B	
Part Number	Thread inch		Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
1J771-6-6	3/8	11/16x16	3/8	2.34	59.0	0.43	11	13/16	1.44	37.0
1J771-8-8	1/2	13/16x16	1/2	3.20	81.2	0.59	15	15/16	1.99	50.6
1J771-10-8	5/8	1x14	1/2	2.93	74.0	0.63	16	1-1/8	1.72	44.0
1J771-10-10	5/8	1x14	5/8	3.08	78.0	0.63	16	1-1/8	1.83	46.0
1J771-12-12	3/4	1-3/16x12	3/4	3.63	92.0	0.83	21	1-3/8	2.25	57.0
1J771-16-16	1	1-7/16x12	1	4.46	113.0	0.94	24	1-5/8	2.68	68.0
1J771-20-20	1-1/4	1-11/16x12	1-1/4	4.75	121.0	1.00	25	1-7/8	3.08	78.0
1J771-24-24	1-1/2	2x12	1-1/2	5.43	138.0	1.07	27	2-1/4	3.23	82.0



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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1J971

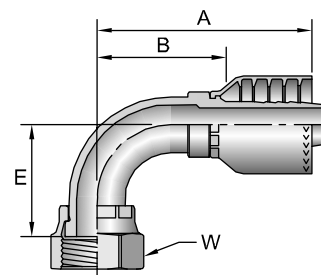
Female Seal-Lok® - Swivel - 90° Elbow - Short Drop

ISO 12151-1 - SWES90

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



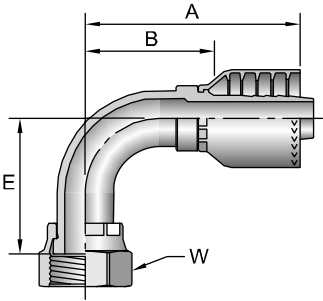
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See Accessories Section for O-Rings.

Use with hoses: 722TC, 774

1J571

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



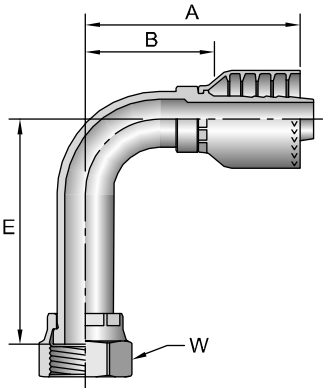
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#										
Part Number	Thread inch	Hose I.D. inch	A		E		W	B		
			inch	mm	inch	mm	inch	inch	mm	
1J571-8-8	1/2 13/16x16	1/2	2.59	66	1.61	41	15/16	1.38	35	
1J571-10-10	5/8 1x14	5/8	2.88	73	1.85	47	1-1/8	1.63	41	
1J571-12-12	3/4 1-3/16x12	3/4	3.49	89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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1J171

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



[view on web page](#)

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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

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.

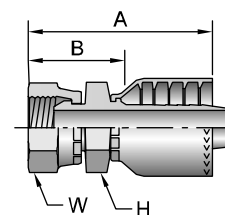
Use with hoses: 722TC, 774
Catalog 4400 US

1GU71

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

#									
Part Number	Thread		Hose I.D.	A	H	W	B		
	inch		inch	inch	mm	mm	mm	inch	mm
1GU71-8-8	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
1GU71-32-32	2	2x11	2	5.17	131	70	70	2.97	75

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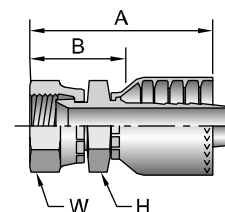
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1FU71

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

#									
Part Number	Thread		Hose I.D.	A	H	W	B		
	inch		inch	inch	mm	mm	mm	inch	mm
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	1.95	49
1FU71-20-20	1-1/4x11		1-1/4	3.87	98	50	50	2.20	56

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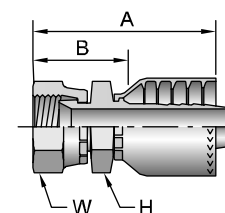
1MU71

Female Metric - Swivel - (30° Flare)

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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



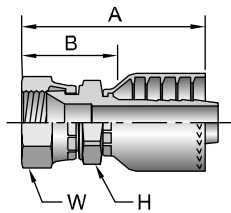
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Metric S: Mates with EO "S" Series Fittings.

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

Use with hoses: 722TC, 774

1XU71
Female Metric - Swivel - (30° Flare)



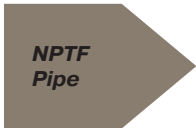
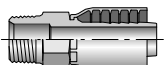
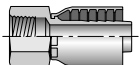
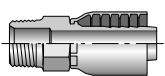
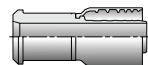
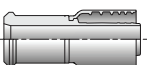
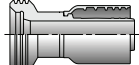
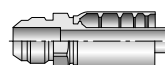
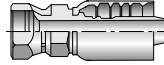
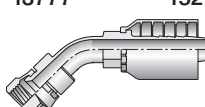
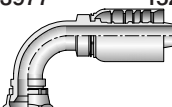
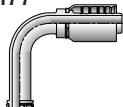
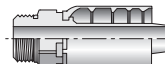
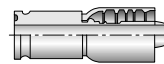
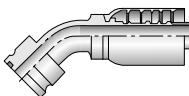
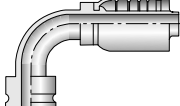
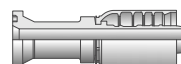
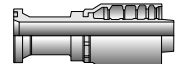
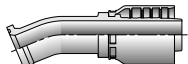
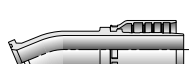
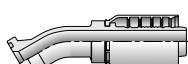
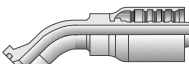
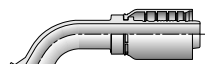
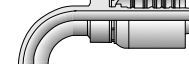
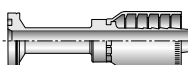
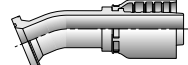
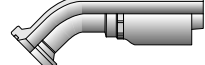
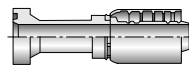
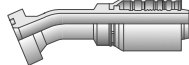
view on web page

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

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.

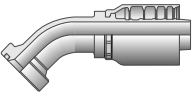
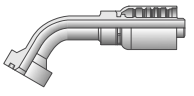
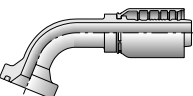
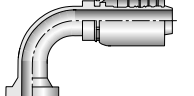
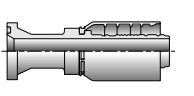
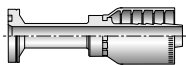
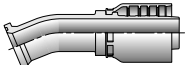
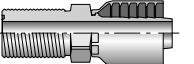
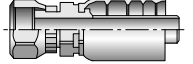
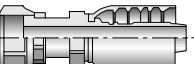
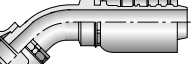
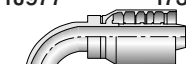
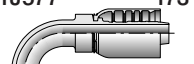
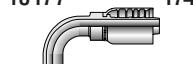
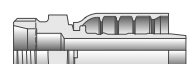
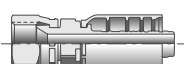
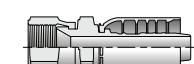
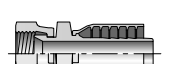
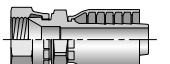
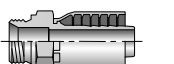
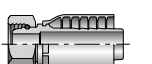
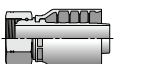
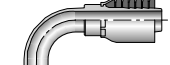
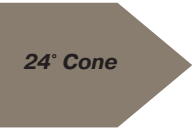
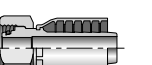
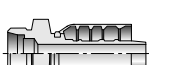
 **WARNING:** The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

77 Series Fittings

 NPTF Pipe	10177 149  Male - Rigid - Straight	10277 149  Female - Rigid Straight	 API	1AP77 149  Male - Rigid - Straight	 Hammer Union
1HB77 150  Male - Hammer Union 90° Wing Nut	1HE77 150  Male - Hammer Union	1HN77 150  Female - Hammer Union	 JIC 37°	10377 150  Male - Rigid - Straight	10677 151  Female - Swivel Straight
13777 152  Female - Swivel 45° Elbow - Short	13977 152  Female - Swivel 90° Elbow - Short	14177 153  Female - Swivel 90° Elbow - Long	 Straight Thread O-Ring	10577 153  Male - Rigid - Straight	 Full Flange
1X577 153  Full Flange - Straight	1X777 154  Full Flange 45° Elbow	1X977 154  Full Flange 90° Elbow	 Flange Code 61	11577 155  Code 61 - Straight	14A77 155  Straight (5,000 psi)
11677 156  Code 61 22-1/2° Elbow	14B77 156  22-1/2° Elbow (5,000 psi)	12677 156  Code 61 - 30° Elbow	14E77 157  30° Elbow (5,000 psi)	11777 157  Code 61 - 45° Elbow	14F77 158  45° Elbow (5,000 psi)
12777 158  Code 61 - 60° Elbow	14G77 159  60° Elbow (5,000 psi)	11877 159  Code 61 67-1/2° Elbow	14M77 160  67-1/2° Elbow (5,000 psi)	11977 160  Code 61 - 90° Elbow	18977 161  Code 61 90° Elbow - Long
14N77 161  90° Elbow (5,000 psi)	 Flange Code 62	16A77 162  Code 62 - Straight	16B77 162  Code 62 22-1/2° Elbow	16E77 163  Code 62 - 30° Elbow	16F77 163  Code 62 - 45° Elbow
16G77 164  Code 62 - 60° Elbow	16N77 164  Code 62 - 90° Elbow	 Caterpillar® Flange	1XA77 165  Caterpillar® - Flange	1XB77 165  Caterpillar® - Flange 22-1/2° Elbow	1XE77 166  Caterpillar® Flange 30° Elbow

Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

77 Series Fittings

1XF77 166  <i>Caterpillar® - Flange 45° Elbow</i>	1XG77 167  <i>Caterpillar® - Flange 60° Elbow</i>	1XM77 167  <i>Caterpillar® Flange 67-1/2° Elbow</i>	1XN77 168  <i>Caterpillar® Flange 90° Elbow</i>	 Komatsu® Flange	1K577 168  <i>Komatsu® Flange Straight</i>
1KA77 168  <i>Komatsu® HP Flange Straight</i>	1K677 169  <i>Komatsu® Flange 22-1/2° Elbow</i>	1K777 169  <i>Komatsu® Flange 45° Elbow</i>	1K377 169  <i>Komatsu® Flange 60° Elbow</i>	1K877 170  <i>Komatsu® Flange 67-1/2° Elbow</i>	1K977 170  <i>Komatsu® Flange 90° Elbow</i>
 Seal-Lok®	1JB77 170  <i>Male - Bulkhead w/o Locknut</i>	1JC77 171  <i>Female - Swivel Straight - Short</i>	1JS77 171  <i>Female - Swivel Straight - Long</i>	1J077 172  <i>Male - Rigid w/O-Ring</i>	1J777 172  <i>Female - Swivel 45° Elbow</i>
1J977 173  <i>Female - Swivel 90° Elbow - Short</i>	1J577 173  <i>Female - Swivel 90° Elbow - Medium</i>	1J177 174  <i>Female - Swivel 90° Elbow - Long</i>	 DIN "S" Series w/O-Ring	1D277 174  <i>Male Metric S Rigid - 24° Cone</i>	1C977 175  <i>Female - Swivel Straight</i>
10C77 175  <i>Female Metric S Swivel - 45° Elbow</i>	11C77 176  <i>Female - Swivel 90° Elbow</i>	 BSP	1FU77 176  <i>Female - Swivel Straight - 30° Flare</i>	1KU77 177  <i>Female - Metric Swivel - 30° Flare</i>	1MU77 177  <i>Female - Metric Swivel - 30° Flare</i>
1XU77 177  <i>Female - Swivel 30° Flare</i>	1D977 178  <i>Male - Rigid Straight - 60° Cone</i>	19277 178  <i>Female - Swivel Straight - 60° Cone</i>	1EA77 178  <i>Female - Swivel Straight - 60° Cone</i>	1GU77 179  <i>Female - Swivel Straight - 60° Cone</i>	1B177 179  <i>Female - Swivel 45° Elbow - 60° Cone</i>
1B277 180  <i>Female - Swivel 90° Elbow - 60° Cone</i>	 24° Cone	1CA77 180  <i>Female - Swivel Straight - 24° Cone</i>	1ZM77 180  <i>Male 24° Cone Rigid - Straight</i>		

Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

Catalog 4400 US

10177

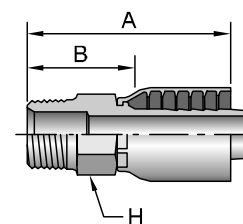
Male NPTF Pipe - Rigid

#			A			B		Additional Material Stainless Steel (C)
Part Number	Thread inch	Hose I.D. inch	inch	mm	H mm	inch	mm	
10177-6-8	3/8x18	1/2	2.51	63,9	22	1.29	32,9	
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	•
10177-20-16	1-1/4x11-1/2	1	4.34	110,2	46	2.39	60,7	
10177-20-20	1-1/4x11-1/2	1-1/4	4.57	116,1	46	2.30	58,4	•
10177-24-20	1-1/2x11-1/2	1-1/4	4.76	120,9	50	2.49	63,2	
10177-24-24	1-1/2x11-1/2	1-1/2	4.89	124,2	50	2.50	63,5	•
10177-32-32*	2x11-1/2	2	5.64	143,1	65	2.88	73,2	•

All sizes of 10177 fittings are rated at 5,000 psi working pressure.

*This specific size in stainless is not able to be crimped in any Parkrimp machine.

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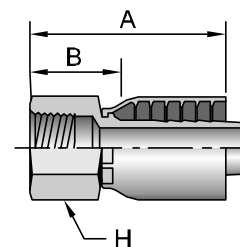
view on web page

10277

Female NPTF Pipe - Rigid

#			A			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	H mm	inch	mm
10277-12-12	3/4x14	3/4	3.09	78,4	32	1.45	36,9

 **WARNING:** The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



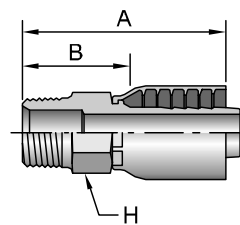
view on web page

1AP77

Male API Pipe - Rigid

#			A			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	H mm	inch	mm
1AP77-24-24	1-1/2x11-1/2	1-1/2	5.16	131,1	50	2.77	70,4
1AP77-32-24	2x11-1/2	1-1/2	5.71	145,0	65	3.32	84,4
1AP77-32-32	2x11-1/2	2	6.32	160,4	65	3.56	90,4

 **WARNING:** The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



view on web page

See Accessories Section for O-Rings and Flange Kits.

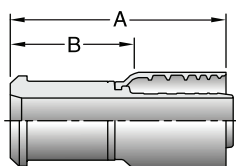


Refer to Pressure Rating of Hose End Connections Chart on page 482.

Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

1HB77**Male Hammer Union - 90° Wing Nut**

FIG 1502



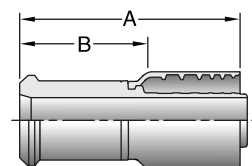
view on web page

#		A		B	
Part Number	Hose I.D. inch	inch	mm	inch	mm
1HB77-32-32	2	7.59	192,9	4.84	123,0

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1HE77**Male Hammer Union**

FIG 1502



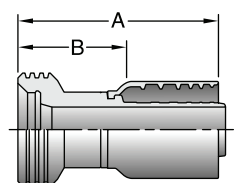
view on web page

#		A		B	
Part Number	Hose I.D. inch	inch	mm	inch	mm
1HE77-32-32	2	7.60	192,9	4.84	123,0

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1HN77**Female Hammer Union**

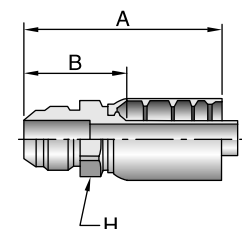
FIG 1502



view on web page

#			A		B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm
1HN77-32-32	4-1/8x3	2	6.95	176,4	4.19	106,5

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

10377**Male JIC 37° - Rigid**

view on web page

#			A			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	H 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
10377-10-10	5/8 7/8x14	5/8	3.01	76,4	24	1.66	42,2
10377-12-10	3/4 1-1/16x12	5/8	3.22	81,8	30	1.87	47,5
10377-12-12	3/4 1-1/16x12	3/4	3.53	89,6	30	1.89	48,1
10377-12-16	3/4 1-1/16x12	1	3.94	100,0	36	1.99	50,6
10377-16-12	1 1-5/16x12	3/4	3.69	93,6	36	2.05	52,2
10377-16-16	1 1-5/16x12	1	3.99	101,3	36	2.04	51,8
10377-20-16	1-1/4 1-5/8x12	1	4.33	109,9	50	2.38	60,5
10377-20-20	1-1/4 1-5/8x12	1-1/4	4.66	118,4	50	2.39	60,7
10377-24-24	1-1/2 1-7/8x12	1-1/2	4.93	125,2	50	2.54	64,5
10377-32-32	2 2-1/2x12	2	5.83	148,0	65	3.07	78,0

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

See Accessories Section for O-Rings and Flange Kits.



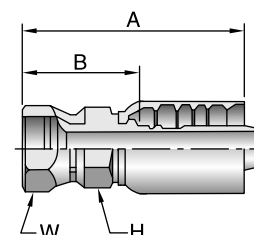
Refer to Pressure Rating of Hose End Connections Chart on page 482.

Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

10677**Female JIC 37° - Swivel**

ISO 12151-5

# Part Number									
	Thread		Hose I.D.	inch	mm	mm	mm	inch	mm
10677-6-8	3/8	9/16x18	1/2	2.75	69,7	22	19	1.53	38,8
10677-6-8C	3/8	9/16x18	1/2	2.75	69,7	22	19	1.53	38,8
10677-8-8	1/2	3/4x16	1/2	2.79	71,1	22	22	1.58	40,1
10677-8-8C	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
10677-10-10C	5/8	7/8x14	5/8	3.18	80,7	24	27	1.83	46,5
10677-10-12	5/8	7/8x14	3/4	3.62	91,8	30	27	1.98	50,3
10677-12-8	3/4	1-1/16x12	1/2	3.17	80,4	30	32	1.95	49,5
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	3.66	93,5	30	32	2.03	52,0
10677-12-12C	3/4	1-1/16x12	3/4	3.77	95,7	30	36	2.13	54,2
10677-12-16	3/4	1-1/16x12	1	4.12	104,7	36	32	2.17	55,2
10677-14-12	7/8	1-3/16x12	3/4	3.88	98,5	36	36	2.24	56,9
10677-16-12	1	1-5/16x12	3/4	3.87	98,7	30	41	2.24	57,3
10677-16-12C	1	1-5/16x12	3/4	4.01	101,8	36	46	2.37	60,3
10677-16-16	1	1-5/16x12	1	4.15	105,7	36	41	2.20	56,2
10677-16-16C	1	1-5/16x12	1	4.16	105,7	36	46	2.21	56,2
10677-16-20	1	1-5/16x12	1-1/4	4.84	123,0	46	41	2.57	65,3
10677-20-16	1-1/4	1-5/8x12	1	4.38	109,1	36	50	2.43	59,5
10677-20-20	1-1/4	1-5/8x12	1-1/4	4.86	123,5	46	50	2.59	65,8
10677-20-20C	1-1/4	1-5/8x12	1-1/4	4.92	125,0	46	60	2.65	67,3
10677-24-20	1-1/2	1-7/8x12	1-1/4	4.98	126,5	46	60	2.71	68,6
10677-24-24	1-1/2	1-7/8x12	1-1/2	5.34	135,7	50	60	2.95	75,0
10677-24-24C	1-1/2	1-7/8x12	1-1/2	5.55	140,9	50	65	3.16	80,3
10677-32-32	2	2-1/2x12	2	6.29	159,8	65	75	3.54	89,9
10677-32-32C*	2	2-1/2x12	2	6.29	159,8	65	75	3.54	89,9



view on web page

All sizes of 10677 fittings are rated at 5,000 psi working pressure.

"C" suffix indicates stainless steel part. Some stainless steel parts are dimensionally different than the standard part.

*This specific size in stainless is not able to be crimped in any Parkrimp machine.



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

See Accessories Section for O-Rings and Flange Kits.

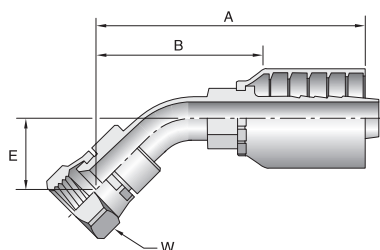


Refer to Pressure Rating of Hose End Connections Chart on page 482.

Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

13777**Female JIC 37° - Swivel - 45° Elbow - Short Drop**

ISO 12151-5



view on web page

#										
Part Number	Thread		Hose I.D.	A		E		W	B	
	inch		inch	inch	mm	inch	mm	mm	inch	mm
13777-8-8	1/2	3/4x16	1/2	2.86	72,7	0.59	15	22	1.64	41,8
13777-8-8C	1/2	3/4x16	1/2	2.86	72,7	0.59	15	22	1.64	41,8
13777-10-8	5/8	7/8x14	1/2	3.06	77,8	0.63	16	27	1.84	46,8
13777-10-10	5/8	7/8x14	5/8	3.40	86,3	0.63	16	27	2.05	52,1
13777-12-12	3/4	1-1/16x12	3/4	4.37	110,9	0.83	21	32	2.73	69,4
13777-12-12C	3/4	1-1/16x12	3/4	4.37	110,9	0.83	21	32	2.73	69,4
13777-16-12	1	1-5/16x12	3/4	4.49	114,0	0.94	24	41	2.85	72,5
13777-16-16	1	1-5/16x12	1	4.76	120,8	0.94	24	41	2.81	71,3
13777-20-20	1-1/4	1-5/8x12	1-1/4	5.92	150,3	1.26	32	50	3.64	92,6
13777-32-32*	2	2-1/2x12	2	8.58	218,0	2.20	56	75	5.83	148,1

All sizes of 13777 fittings are rated at 5,000 psi working pressure.

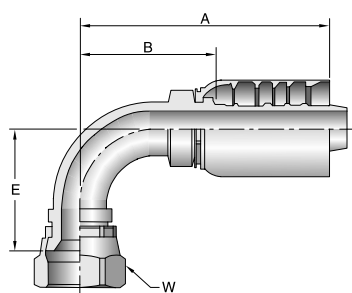
"C" suffix indicates stainless steel part. Some stainless steel parts are dimensionally different than the standard part.

*This specific size is not able to be crimped in any Parkrimp machine.

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

13977**Female JIC 37° - Swivel - 90° Elbow - Short Drop**

ISO 12151-5



view on web page

#										
Part Number	Thread		Hose I.D.	A		E		W	B	
	inch		inch	inch	mm	inch	mm	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
13977-8-8C	1/2	3/4x16	1/2	2.78	70,7	1.14	29,0	22	1.56	39,7
13977-10-8	5/8	7/8x14	1/2	2.77	70,5	1.26	32,0	27	1.55	39,5
13977-10-10	5/8	7/8x14	5/8	3.21	81,5	1.26	32,0	27	1.86	47,3
13977-12-10	3/4	1-1/16x12	5/8	3.21	81,5	1.89	48,0	32	1.86	47,3
13977-12-12	3/4	1-1/16x12	3/4	4.23	107,4	1.89	48,0	32	2.60	66,0
13977-12-12C	3/4	1-1/16x12	3/4	4.23	107,4	1.89	48,0	32	2.60	66,0
13977-16-12	1	1-5/16x12	3/4	4.23	107,4	2.93	74,5	41	2.59	65,9
13977-16-16	1	1-5/16x12	1	4.65	118,1	2.93	74,4	41	2.70	68,6
13977-16-16C	1	1-5/16x12	1	4.72	119,9	2.93	74,4	46	2.77	70,4
13977-20-20	1-1/4	1-5/8x12	1-1/4	5.35	136,0	3.07	78,0	50	3.08	78,3
13977-20-20C	1-1/4	1-5/8x12	1-1/4	6.28	159,5	3.07	78,0	60	4.01	101,8
13977-24-24	1-1/2	1-7/8x12	1-1/2	6.24	158,45	3.39	86,0	60	3.85	97,75
13977-32-32	2	2-1/2x12	2	8.75	222,1	5.51	140,0	75	5.99	152,2

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

See Accessories Section for O-Rings and Flange Kits.



Refer to Pressure Rating of Hose End Connections Chart on page 482.

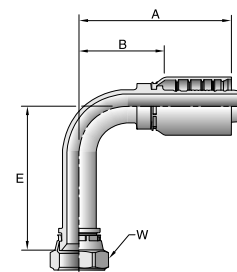
Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

14177**Female JIC 37° - Swivel - 90° Elbow - Long Drop**

ISO 12151-5

# Part Number	Thread		Hose I.D.	A		E		W	B		Additional Material Stainless Steel (C)
	inch		inch	inch	mm	inch	mm	mm	inch	mm	
14177-8-8	1/2	3/4x16	1/2	2.78	70,7	2.52	64,0	22	1.56	39,7	•
14177-12-12	3/4	1-1/16x12	3/4	4.24	107,6	3.78	96,0	32	2.60	66,1	
14177-16-16	1	1-5/16x12	1	4.65	118,1	4.49	114,0	41	2.70	68,6	

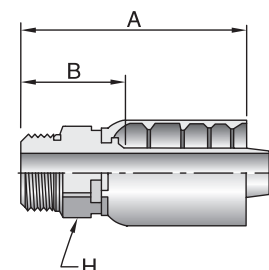
All sizes of 14177 fittings are rated at 5,000 psi working pressure.

**WARNING:** The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

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10577**Male SAE Thread with O-Ring - Rigid**

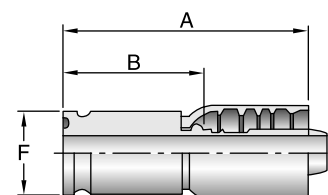
# Part Number	Thread		Hose I.D.	A		H	B		Additional Material Stainless Steel (C)
	inch		inch	inch	mm	mm	inch	mm	
10577-8-8	1/2	3/4x16	1/2	2.39	60,8	22	1.17	29,8	•
10577-12-12	3/4	1-1/16x12	3/4	3.17	80,5	32	1.53	38,9	•
10577-16-16	1	1-5/16x12	1	3.73	94,7	41	1.78	45,2	
10577-20-20	1-1/4	1-5/8x12	1-1/4	4.17	105,9	50	1.90	48,2	
10577-32-20	2	2-1/2x12	1-1/4	4.35	110,5	2-3/4	2.08	52,8	

**WARNING:** The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

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1X577**Full Flange - Code 61/62**

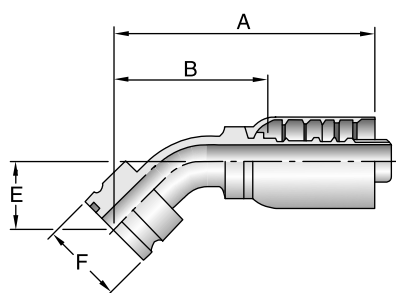
# Part Number	Flange	Hose I.D.	A		F	B	
	inch	inch	inch	mm	inch	inch	mm
1X577-8-8	1/2	1/2	2.44	62,1	1.02	1.22	31,1
1X577-12-12	3/4	3/4	4.06	103,0	1.37	2.42	61,6
1X577-16-12	1	3/4	4.06	103,0	1.54	2.42	61,6
1X577-16-16	1	1	4.45	113,0	1.54	2.50	63,5
1X577-16-20	1	1-1/4	4.73	120,2	1.54	2.46	62,5
1X577-20-16	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
1X577-24-24	1-1/2	1-1/2	5.07	128,8	2.21	2.68	68,1
1X577-32-32	2	2	6.08	154,4	2.60	3.32	84,3

**WARNING:** The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

view on web page

See Accessories Section for O-Rings and Flange Kits.

**Refer to Pressure Rating of Hose End Connections Chart on page 482.****Use with hoses:** 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

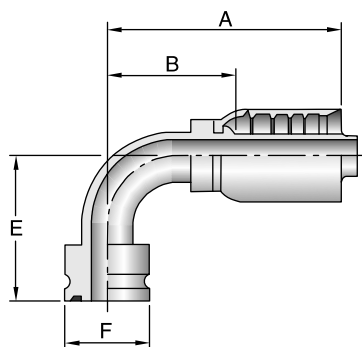
1X777**Full Flange - 45° Elbow - Code 61/62**

view on web page

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	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	5.07	128,8	1.26	32,0	1.54	3.12	79,3
1X777-16-20	1	1-1/4	5.71	145,0	1.50	38,0	1.54	3.44	87,3
1X777-20-16	1-1/4	1	5.31	134,8	1.50	38,0	1.81	3.36	85,3
1X777-20-20	1-1/4	1-1/4	6.23	158,3	1.58	40,0	1.81	3.96	100,6
1X777-24-20	1-1/2	1-1/4	6.38	162,2	1.73	44,0	2.21	4.11	104,5
1X777-24-24	1-1/2	1-1/2	7.14	181,35	1.97	50,0	2.21	4.75	120,65



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1X977**Full Flange - 90° Elbow - Code 61/62**

view on web page

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	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
1X977-12-16	3/4	1	4.33	109,9	2.76	70,0	1.37	2.38	60,5
1X977-16-12	1	3/4	4.24	107,6	2.38	60,5	1.54	2.60	66,1
1X977-16-16	1	1	4.65	118,1	2.76	70,0	1.54	2.70	68,6
1X977-16-20	1	1-1/4	5.44	138,2	3.54	90,0	1.54	3.17	80,5
1X977-20-16	1-1/4	1	4.65	118,1	3.54	90,0	1.81	2.70	68,6
1X977-20-20	1-1/4	1-1/4	5.35	136,0	3.54	90,0	1.81	3.08	78,3
1X977-24-20	1-1/2	1-1/4	5.35	136,0	4.09	104,0	2.21	3.08	78,3
1X977-24-24	1-1/2	1-1/2	6.24	158,45	4.09	104,0	2.21	3.85	97,75
1X977-32-32	2	2	8.75	222,1	5.43	138,0	2.60	5.99	152,2



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

See Accessories Section for O-Rings and Flange Kits.



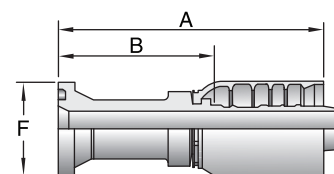
Refer to Pressure Rating of Hose End Connections Chart on page 482.

Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

11577**SAE Code 61 Flange Head**

ISO 12151-3-S-L

#								Additional Material Stainless Steel (C)
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	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	
11577-12-8	3/4	1/2	2.52	64,0	1-1/2	1.30	33,0	
11577-12-12	3/4	3/4	4.23	107,4	1-1/2	2.59	65,9	•
11577-12-16	3/4	1	4.70	119,4	1-1/2	2.75	69,8	
11577-16-12	1	3/4	3.27	82,9	1-3/4	1.63	41,5	
11577-16-16	1	1	4.70	119,4	1-3/4	2.75	69,9	
11577-16-20	1	1-1/4	5.11	129,8	1-3/4	2.84	72,1	
11577-20-12	1-1/4	3/4	3.66	92,9	2	2.31	58,6	
11577-20-20	1-1/4	1-1/4	5.42	137,7	2	3.15	80,0	
11577-20-24	1-1/4	1-1/2	5.76	146,3	2	3.37	85,6	
11577-24-16	1-1/2	1	3.78	96,0	2-3/8	1.83	46,5	
11577-24-20	1-1/2	1-1/4	3.94	100,1	2-3/8	1.67	42,4	
11577-24-24	1-1/2	1-1/2	5.52	140,2	2-3/8	3.13	79,5	
11577-24-32	1-1/2	2	6.42	162,9	2-3/8	3.66	93,0	
11577-32-24	2	1-1/2	4.59	116,6	2-13/16	2.20	55,9	
11577-32-32*	2	2	6.43	163,2	2-13/16	3.67	93,2	
11577-40-32	2-1/2	2	5.28	133,9	3-5/16	2.52	64,0	



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*This specific size in stainless is not able to be crimped in any Parkrimp machine.

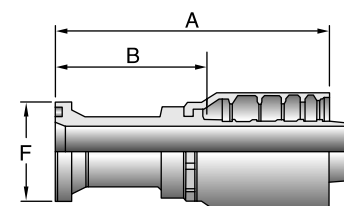


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

14A77**SAE Code 61 Special Flange Head - 5,000* psi**

ISO 12151-3-S-L

#							
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	inch	mm
14A77-20-12	1-1/4	3/4	3.66	92,9	2	2.02	51,4
14A77-20-16	1-1/4	1	3.54	89,9	2	1.59	40,4
14A77-20-20	1-1/4	1-1/4	5.42	137,7	2	3.15	80,0
14A77-20-24	1-1/4	1-1/2	5.76	146,3	2	3.37	85,6
14A77-24-16	1-1/2	1	3.78	96,0	2-3/8	1.83	46,5
14A77-24-20	1-1/2	1-1/4	3.94	100,1	2-3/8	1.67	42,4
14A77-24-24	1-1/2	1-1/2	5.52	140,2	2-3/8	3.13	79,6
14A77-24-32	1-1/2	2	6.42	162,9	2-3/8	3.66	93,0
14A77-32-24	2	1-1/2	4.59	116,6	2-13/16	2.20	55,9
14A77-32-32	2	2	6.43	163,3	2-13/16	3.67	93,2



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*Must be used with 5050HK Flange Kits



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

See Accessories Section for O-Rings and Flange Kits.

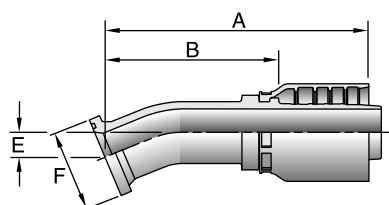


Refer to Pressure Rating of Hose End Connections Chart on page 482.

Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

11677**SAE Code 61 Flange Head - 22-1/2° Elbow**

ISO 12151-3-E22M-L



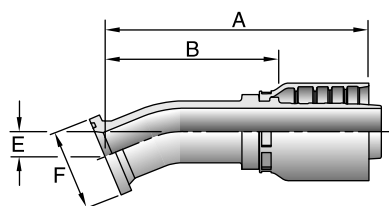
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#	Flange	Hose I.D.	A		E		F	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
11677-12-12	3/4	3/4	4.84	122,9	0.43	11,0	1-1/2	3.20	81,4
11677-16-12	1	3/4	5.15	122,9	0.43	14,0	1-3/4	3.51	81,4
11677-16-16	1	1	5.42	137,6	0.55	14,0	1-3/4	3.47	88,1
11677-20-16	1-1/4	1	5.74	145,9	0.59	15,0	2	3.80	96,4
11677-20-20	1-1/4	1-1/4	6.65	169,0	0.59	15,0	2	4.38	111,3
11677-24-20	1-1/2	1-1/4	6.96	176,8	0.71	18,0	2-3/8	4.69	119,1
11677-24-24	1-1/2	1-1/2	7.45	189,35	0.71	18,0	2-3/8	5.06	128,65
11677-32-24	2	1-1/2	8.09	205,55	0.87	22,0	2-13/16	5.70	144,85
11677-32-32	2	2	9.12	231,7	0.87	22,0	2-13/16	6.37	161,7

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

14B77**SAE Code 61 Special Flange Head - 22-1/2° Elbow - 5,000* psi**

ISO 12151-3-E22M-L



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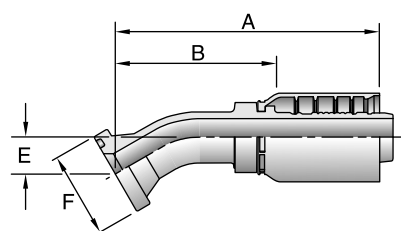
#	Flange	Hose I.D.	A		E		F	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
14B77-20-20	1-1/4	1-1/4	6.65	169,0	0.59	15,0	2	4.38	111,3
14B77-24-24	1-1/2	1-1/2	7.45	189,35	0.71	18,0	2-3/8	5.06	128,65
14B77-32-32	2	2	9.12	231,7	0.87	22,0	2-13/16	6.37	161,7

*Must be used with 5050HK Flange Kits

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

12677**SAE Code 61 Flange Head - 30° Elbow**

ISO 12151-3-E30M-L



view on web page

#	Flange	Hose I.D.	A		E		F	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
12677-12-12	3/4	3/4	4.77	121,1	0.63	16,0	1-1/2	3.13	79,6
12677-20-16	1-1/4	1	5.64	143,3	0.87	22,0	2	3.69	93,8
12677-20-20	1-1/4	1-1/4	6.53	165,9	0.87	22,0	2	4.26	108,2
12677-24-24	1-1/2	1-1/2	7.28	184,85	1.18	30,0	2-3/8	4.89	124,15
12677-32-24	2	1-1/2	7.92	201,25	1.26	32,0	2-13/16	5.53	140,55
12677-32-32	2	2	9.01	228,9	1.26	32,0	2-13/16	6.26	159,0

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

See Accessories Section for O-Rings and Flange Kits.



Refer to Pressure Rating of Hose End Connections Chart on page 482.

Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

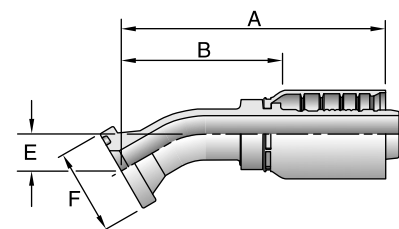
14E77**SAE Code 61 Special Flange Head - 30° Elbow - 5,000 psi**

ISO 12151-3-E30S-L

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
14E77-24-24	1-1/2	1-1/2	7.28	184.85	1.18	30	2-3/8	4.89	124.15
14E77-32-32	2	2	9.01	228.9	1.26	32	2-13/16	6.26	159.0

Must be used with 5050HK Flange Kits

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

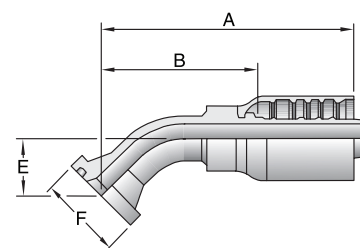
[view on web page](#)**11777****SAE Code 61 Flange Head - 45° Elbow**

ISO 12151-3-E45M-L

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
11777-8-8	1/2	1/2	3.11	79,0	0.79	20,0	1-3/16	1.89	48,0
11777-12-8	3/4	1/2	3.33	84,7	0.87	22,0	1-1/2	2.11	53,7
11777-12-12	3/4	3/4	4.57	116,0	1.02	26,0	1-1/2	2.93	74,5
11777-16-12	1	3/4	4.80	116,0	1.02	32,0	1-3/4	3.16	74,5
11777-16-16	1	1	5.07	128,8	1.26	32,0	1-3/4	3.12	79,3
11777-16-20	1	1-1/4	5.71	145,0	1.50	38,0	1-3/4	3.44	87,3
11777-20-16	1-1/4	1	5.31	134,8	1.50	38,0	2	3.36	85,3
11777-20-20	1-1/4	1-1/4	6.15	156,2	1.50	38,0	2	3.88	98,5
11777-24-20	1-1/2	1-1/4	6.38	162,2	1.73	44,0	2-3/8	4.11	104,5
11777-24-24	1-1/2	1-1/2	6.90	175.35	1.73	44,0	2-3/8	4.51	114.65
11777-32-24	2	1-1/2	7.38	187.35	2.20	56,0	2-13/16	4.99	126.65
11777-32-32	2	2	8.58	218,0	2.20	56,0	2-13/16	5.83	148,1



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

[view on web page](#)

See Accessories Section for O-Rings and Flange Kits.

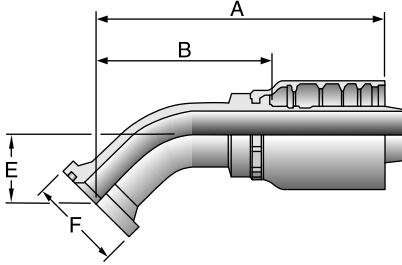
**Refer to Pressure Rating of Hose End Connections Chart on page 482.**

Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

14F77

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

ISO 12151-3-E45M-L



view on web page

#			A		E		F	B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
14F77-20-16	1-1/4	1	5.31	134,8	1.50	38,0	2	3.36	85,3
14F77-20-20	1-1/4	1-1/4	6.15	156,2	1.50	38,0	2	3.88	98,5
14F77-20-24	1-1/4	1-1/2	6.72	170.75	1.73	44,0	2	4.33	110.05
14F77-24-20	1-1/2	1-1/4	6.38	162,2	1.73	44,0	2-3/8	4.11	104,5
14F77-24-24	1-1/2	1-1/2	6.90	175.35	1.73	44,0	2-3/8	4.51	114.65
14F77-32-24	2	1-1/2	7.38	187.35	2.20	56,0	2-13/16	4.99	126.65
14F77-32-32	2	2	8.58	218,0	2.20	56,0	2-13/16	5.83	148,1

*Must be used with 5050HK Flange Kits

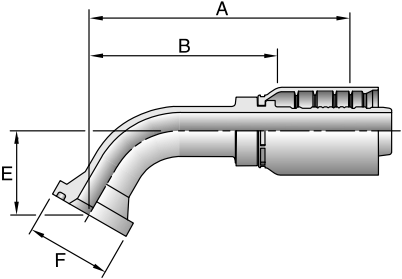


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

12777

SAE Code 61 Flange Head - 60° Elbow

ISO 12151-3-E60M-L



view on web page

#			A		E		F	B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
12777-12-12	3/4	3/4	5.27	133,8	1.46	37,0	1-1/2	3.63	92,3
12777-16-12	1	3/4	5.58	133,8	1.46	44,0	1-3/4	3.94	92,3
12777-16-16	1	1	5.91	150,2	1.73	44,0	1-3/4	3.96	100,7
12777-20-20	1-1/4	1-1/4	7.05	179,2	2.17	55,0	2	4.78	121,5
12777-24-20	1-1/2	1-1/4	7.40	188,1	2.52	64,0	2-3/8	5.13	130,4
12777-24-24	1-1/2	1-1/2	8.01	203.35	2.52	64,0	2-3/8	5.62	142.65
12777-32-32	2	2	8.74	222,1	3.27	83,0	2-13/16	5.99	152,1

* This specific size is not able to be crimped in any Parkrimp machine.



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

See Accessories Section for O-Rings and Flange Kits.



Refer to Pressure Rating of Hose End Connections Chart on page 482.

Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

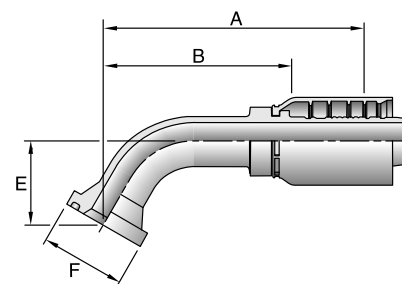
14G77**SAE Code 61 Special Flange Head - 60° Elbow - 5,000* psi**

ISO 12151-3-E60M-L

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
14G77-20-16	1-1/4	1	5.97	151,6	1.73	44,0	2	4.02	102,1
14G77-24-24	1-1/2	1-1/2	8.14	206,65	2.52	64,0	2-3/8	5.75	145,95
14G77-32-32	2	2	8.74	222,1	3.27	83,0	2-13/16	5.99	152,1

***Must be used with 5050HK Flange Kits**

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

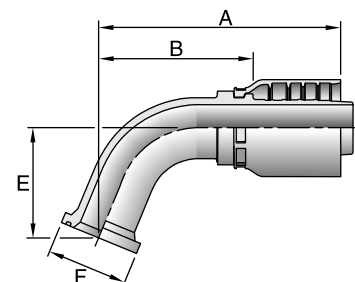
**view on web page****11877****SAE Code 61 Flange Head - 67-1/2° Elbow**

ISO 12151-3-E67M-L

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
11877-12-12	3/4	3/4	5.07	128,7	1.65	42,0	1-1/2	3.43	87,2
11877-16-12	1	3/4	5.31	128,7	1.65	51,0	1-3/4	3.67	87,2
11877-20-20	1-1/4	1-1/4	6.71	170,6	2.52	64,0	2	4.44	112,9
11877-24-20	1-1/2	1-1/4	7.01	178,0	2.91	74,0	2-3/8	4.73	120,3
11877-24-24	1-1/2	1-1/2	7.77	197,25	2.91	74,0	2-3/8	5.38	136,55
11877-32-24*	2	1-1/2	8.50	215,95	3.82	97,0	2-13/16	6.11	155,25
11877-32-32	2	2	8.72	221,4	3.82	97,0	2-13/16	5.97	151,5

***This specific size is not able to be crimped in any Parkrimp machine.**

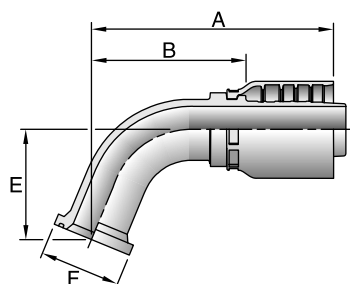
WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

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See Accessories Section for O-Rings and Flange Kits.

**Refer to Pressure Rating of Hose End Connections Chart on page 482.**

Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

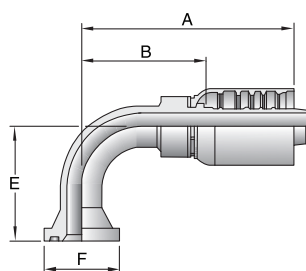
14M77**SAE Code 61 Special Flange Head - 67-1/2° Elbow - 5,000* psi**

view on web page

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
14M77-24-24	1-1/2	1-1/2	7.77	199.25	2.91	74.0	2-3/8	5.38	136.55

***Must be used with 5050HK Flange Kits**

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

11977**SAE Code 61 Flange Head - 90° Elbow****ISO 12151-3-E90M-L**

view on web page

#			A		E			B		Additional Material Stainless Steel (C)
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm	
11977-8-8	1/2	1/2	2.99	76.0	1.61	41.0	1-3/16	1.77	45.0	•
11977-10-10	5/8	5/8	3.62	91.9	2.09	53.0	1-11/32	2.27	57.7	
11977-12-8	3/4	1/2	2.77	70.5	1.61	41.0	1-1/2	1.55	39.5	
11977-12-10	3/4	5/8	3.40	86.3	2.09	53.0	1-1/2	2.05	52.1	
11977-12-12	3/4	3/4	4.24	107.6	2.28	58.0	1-1/2	2.60	66.1	•
11977-12-16	3/4	1	4.41	112.0	2.76	70.0	1-1/2	2.46	62.5	
11977-16-10	1	5/8	3.21	81.5	2.09	53.0	1-3/4	1.86	47.3	
11977-16-12	1	3/4	4.24	107.6	2.28	70.0	1-3/4	2.60	66.1	•
11977-16-16	1	1	4.65	118.1	2.76	70.0	1-3/4	2.70	68.6	
11977-16-16C	1	1	4.72	119.9	2.76	70.0	1-3/4	2.77	70.4	•
11977-16-20	1	1-1/4	5.05	128.3	3.54	90.0	1-3/4	2.78	70.6	
11977-20-12	1-1/4	3/4	4.23	107.4	2.28	58.0	2	2.59	65.9	
11977-20-16	1-1/4	1	4.65	118.1	3.54	90.0	2	2.70	68.6	
11977-20-20	1-1/4	1-1/4	5.35	136.0	3.54	90.0	2	3.08	78.3	
11977-20-24	1-1/4	1-1/2	5.69	144.55	4.09	104.0	2	3.30	83.85	
11977-24-16	1-1/2	1	4.65	118.1	2.76	70.0	2-3/8	2.70	68.6	
11977-24-20	1-1/2	1-1/4	5.35	136.0	4.09	104.0	2-3/8	3.08	78.3	
11977-24-24	1-1/2	1-1/2	6.24	158.45	4.09	104.0	2-3/8	3.85	97.75	
11977-32-24	2	1-1/2	6.24	158.45	5.43	138.00	2-13/16	3.85	97.75	
11977-32-32	2	2	8.75	222.1	5.43	138.0	2-13/16	5.99	152.2	



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

See Accessories Section for O-Rings and Flange Kits.

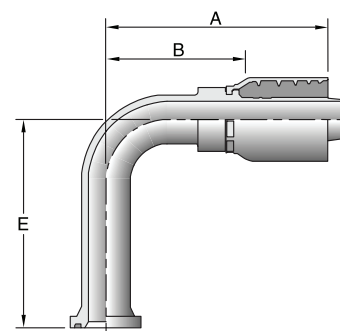
**Refer to Pressure Rating of Hose End Connections Chart on page 482.**

Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

18977**SAE Code 61 Flange Head - 90° Elbow - Long Drop**

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
18977-12-12	3/4	3/4	4.23	107,4	5.12	130,0	1-1/2	2.59	65,9
18977-16-16	1	1	4.65	118,1	4.60	116,8	1-3/4	2.70	68,6
18977-20-16	1-1/4	1	4.65	118,1	5.51	140,0	2	2.70	68,6

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



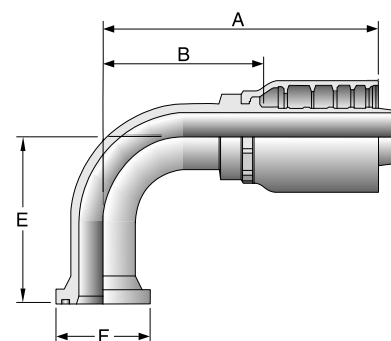
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14N77**SAE Code 61 Special Flange Head - 90° Elbow - 5,000* psi
ISO 12151-3-E90M-L**

#			A		E			B		Additional Material Stainless Steel (C)
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm	
14N77-20-16	1-1/4	1	4.65	118,1	3.54	90,0	2	2.70	68,6	
14N77-20-20	1-1/4	1-1/4	5.35	136,0	3.54	90,0	2	3.08	78,3	
14N77-20-20C	1-1/4	1-1/4	6.28	159,5	3.54	90,0	2	4.00	101,8	•
14N77-24-20	1-1/2	1-1/4	5.35	136,0	4.09	104,0	2-3/8	3.08	78,3	
14N77-24-24	1-1/2	1-1/2	6.24	158,45	4.09	104,0	2-3/8	3.85	97,75	
14N77-24-32	1-1/2	2	7.65	194,2	5.43	138,0	2-3/8	4.89	124,2	
14N77-32-24	2	1-1/2	6.24	158,45	5.43	138,0	2-13/16	3.85	97,75	
14N77-32-32	2	2	8.75	222,1	5.43	138,0	2-13/16	5.99	152,2	

*Must be used with 5050HK Flange Kits

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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See Accessories Section for O-Rings and Flange Kits.



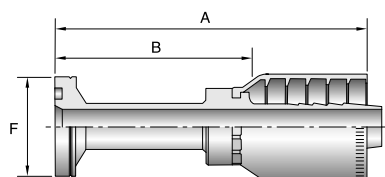
Refer to Pressure Rating of Hose End Connections Chart on page 482.

Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

16A77

SAE Code 62 Flange Head

ISO 12151-3-S-S



view on web page

#								Additional Material Stainless Steel (C)
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	inch	mm	
16A77-8-8	1/2	1/2	3.51	89,3	1-1/4	2.29	58,3	
16A77-8-10	1/2	5/8	3.83	97,3	1-1/4	2.48	63,0	
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	•
16A77-12-16	3/4	1	4.96	126,0	1-5/8	3.01	76,5	
16A77-16-12	1	3/4	3.47	88,1	1-7/8	1.83	46,6	
16A77-16-16	1	1	4.45	113,0	1-7/8	2.50	63,5	•
16A77-16-20	1	1-1/4	5.66	143,8	1-7/8	3.39	86,1	
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	•
16A77-20-24	1-1/4	1-1/2	6.06	153,9	2-1/8	3.67	93,2	
16A77-24-16	1-1/2	1	4.25	108,0	2-1/2	2.30	58,4	
16A77-24-20	1-1/2	1-1/4	4.65	118,1	2-1/2	2.38	60,4	
16A77-24-24	1-1/2	1-1/2	6.39	162,3	2-1/2	4.00	101,6	•
16A77-32-24	2	1-1/2	5.23	132,8	3-1/8	2.84	72,2	
16A77-32-32*	2	2	7.17	182,1	3-1/8	4.41	112,0	•

*This specific size in stainless is not able to be crimped in any Parkrimp machine.

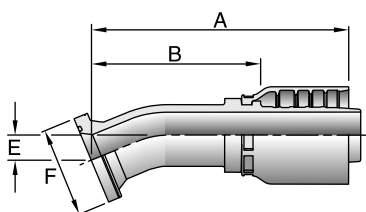


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

16B77

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

ISO 12151-3-E22M-S



view on web page

#									
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
16B77-16-16	1	1	5.42	137,6	0.55	14,0	1-7/8	3.47	88,1
16B77-20-20	1-1/4	1-1/4	6.65	168,9	0.59	15,0	2-1/8	4.38	111,2
16B77-24-24	1-1/2	1-1/2	7.45	189,35	0.71	18,0	2-1/2	5.06	128,65
16B77-32-32	2	2	9.12	231,7	0.87	22,0	3-1/8	6.37	161,7



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

See Accessories Section for O-Rings and Flange Kits.



Refer to Pressure Rating of Hose End Connections Chart on page 482.

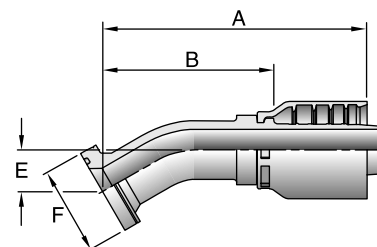
Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

16E77**SAE Code 62 Flange Head - 30° Elbow**

ISO 12151-3-E30M-S

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
16E77-12-12	3/4	3/4	4.77	121,1	0.63	16,0	1-5/8	3.13	79,6
16E77-16-16	1	1	5.34	135,6	0.75	19,0	1-7/8	3.39	86,1
16E77-20-20	1-1/4	1-1/4	6.53	165,9	0.87	22,0	2-1/8	4.26	108,2
16E77-24-24	1-1/2	1-1/2	7.28	184.85	1.18	30,0	2-1/2	4.89	124.15
16E77-32-24	2	1-1/2	7.93	201.35	1.26	32,0	3-1/8	5.54	140.65
16E77-32-32	2	2	9.01	228,9	1.26	32,0	3-1/8	6.26	159,0

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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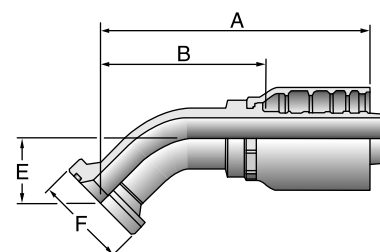
16F77**SAE Code 62 Flange Head - 45° Elbow**

ISO 12151-3-E45M-S

#			A		E			B		Additional Material Stainless Steel (C)
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm	
16F77-8-8	1/2	1/2	3.11	79,0	0.75	19,0	1-1/4	1.89	48,0	
16F77-12-10	3/4	5/8	3.77	95,7	1.00	25,5	1-5/8	2.42	61,5	
16F77-12-12	3/4	3/4	4.57	116,0	1.02	26,0	1-5/8	2.93	74,5	
16F77-12-16	3/4	1	4.98	126,5	1.26	32,0	1-5/8	3.03	77,0	
16F77-16-12	1	3/4	4.80	116,0	1.02	32,0	1-7/8	3.16	74,5	
16F77-16-16	1	1	5.07	128,8	1.26	32,0	1-7/8	3.12	79,3	
16F77-16-20	1	1-1/4	5.71	145,0	1.50	38,0	1-7/8	3.44	87,3	
16F77-20-16	1-1/4	1	5.31	134,8	1.50	38,0	2-1/8	3.36	85,3	
16F77-20-20	1-1/4	1-1/4	6.15	156,3	1.50	38,0	2-1/8	3.88	98,6	
16F77-20-20C	1-1/4	1-1/4	6.66	169,2	1.50	38,0	2-1/8	4.39	111,5	•
16F77-24-20	1-1/2	1-1/4	6.38	162,2	1.73	44,0	2-1/2	4.11	104,5	
16F77-24-24	1-1/2	1-1/2	6.90	175.35	1.73	44,0	2-1/2	4.51	114.65	
16F77-32-24	2	1-1/2	7.38	187.35	2.20	56,0	3-1/8	4.99	126.65	
16F77-32-32*	2	2	8.58	218,0	2.20	56,0	3-1/8	5.83	148,1	

*This specific size in stainless is not able to be crimped in any Parkrimp machine.

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



view on web page

See Accessories Section for O-Rings and Flange Kits.

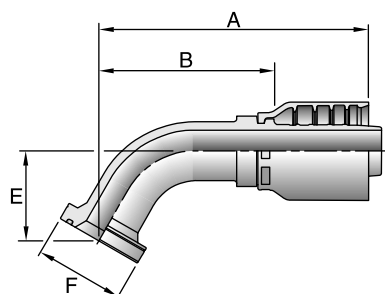


Refer to Pressure Rating of Hose End Connections Chart on page 482.

Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

16G77**SAE Code 62 Flange Head - 60° Elbow**

ISO 12151-3-E60M-S



view on web page

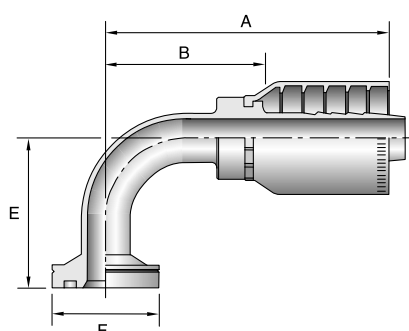
#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
16G77-12-12	3/4	3/4	5.27	133,8	1.46	37,0	1-5/8	3.63	92,3
16G77-16-16	1	1	5.91	150,1	1.73	44,0	1-7/8	3.96	100,6
16G77-24-24	1-1/2	1-1/2	8.14	206.65	2.52	64,0	2-1/2	5.75	145.95
16G77-32-32	2	2	8.74	222,1	3.27	83,0	3-1/8	5.99	152,1



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

16N77**SAE Code 62 Flange Head - 90° Elbow**

ISO 12151-3 - E90M - S



view on web page

#			A		E			B		Additional Material Stainless Steel (C)
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm	
16N77-8-8	1/2	1/2	2.77	70,5	1.61	41,0	1-1/4	1.55	39,5	
16N77-8-10	1/2	5/8	3.09	78,5	2.13	54,0	1-1/4	1.74	44,2	
16N77-12-12	3/4	3/4	4.24	107,6	2.28	58,0	1-5/8	2.60	66,1	•
16N77-12-16	3/4	1	4.41	112,0	2.76	70,0	1-5/8	2.46	62,5	
16N77-16-12	1	3/4	4.24	107,6	2.28	70,0	1-7/8	2.60	66,1	
16N77-16-16	1	1	4.65	118,1	2.76	70,0	1-7/8	2.70	68,6	
16N77-16-16C	1	1	4.72	119,9	2.76	70,0	1-7/8	2.77	70,4	•
16N77-16-20	1	1-1/4	5.05	128,3	3.54	90,0	1-7/8	2.78	70,6	
16N77-16-20C	1	1-1/4	5.44	138,2	3.54	90,0	1-7/8	3.17	80,5	•
16N77-20-16	1-1/4	1	4.65	118,1	3.54	90,0	2-1/8	2.70	68,6	
16N77-20-20	1-1/4	1-1/4	5.35	136,0	3.54	90,0	2-1/8	3.08	78,3	
16N77-20-20C	1-1/4	1-1/4	6.28	159,5	3.54	90,0	2-1/8	4.00	101,8	•
16N77-20-24	1-1/4	1-1/2	5.69	144.55	4.09	104,0	2-1/8	3.30	83.85	
16N77-24-20	1-1/2	1-1/4	5.35	136,0	4.09	104,0	2-1/2	3.08	78,3	
16N77-24-20C	1-1/2	1-1/4	6.28	159,5	4.09	104,0	2-1/2	4.00	101,8	•
16N77-24-24	1-1/2	1-1/2	6.24	158.45	4.09	104,0	2-1/2	3.85	97.75	•
16N77-32-24	2	1-1/2	6.24	158.45	5.43	138.00	3-1/8	3.85	97.75	
16N77-32-32*	2	2	8.75	222,1	5.43	138,0	3-1/8	5.99	152,2	•

*This specific size in stainless is not able to be crimped in any Parkrimp machine.



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

See Accessories Section for O-Rings and Flange Kits.



Refer to Pressure Rating of Hose End Connections Chart on page 482.

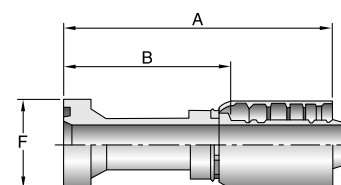
Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

1XA77

Caterpillar® Flange Head

#			A			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	inch	mm
1XA77-12-12	3/4	3/4	4.48	113,7	1-5/8	2.84	72,2
1XA77-12-16	3/4	1	4.96	126,0	1-5/8	3.01	76,5
1XA77-16-12	1	3/4	3.47	88,1	1-7/8	1.83	46,6
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
1XA77-20-24	1-1/4	1-1/2	6.32	160,5	2-1/8	3.93	99,8
1XA77-24-20	1-1/2	1-1/4	4.65	118,1	2-1/2	2.38	60,4
1XA77-24-24	1-1/2	1-1/2	6.94	176,3	2-1/2	4.55	115,6
1XA77-32-32	2	2	7.56	191,9	3-1/8	4.80	121,9

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



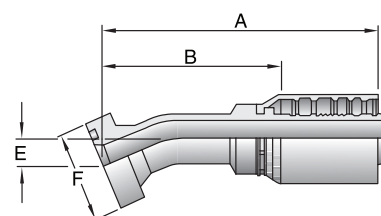
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1XB77

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

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
1XB77-12-12	3/4	3/4	5.09	129,2	0.55	14,0	1-5/8	3.45	87,7
1XB77-16-12	1	3/4	5.09	129,2	0.55	14,0	1-7/8	3.45	87,7
1XB77-16-16	1	1	5.64	143,2	0.55	14,0	1-7/8	3.69	93,7
1XB77-20-16	1-1/4	1	5.64	143,3	0.55	14,0	2-1/8	3.69	93,8
1XB77-20-20	1-1/4	1-1/4	6.58	167,1	0.67	17,0	2-1/8	4.31	109,4
1XB77-24-24	1-1/2	1-1/2	7.51	190,75	0.71	18,0	2-1/2	5.12	130,05
1XB77-32-32	2	2	9.12	231,7	0.87	22,0	3-1/8	6.37	161,7

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



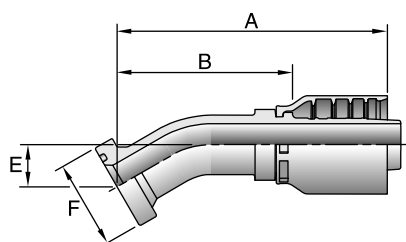
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See Accessories Section for O-Rings and Flange Kits.



Refer to Pressure Rating of Hose End Connections Chart on page 482.

Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

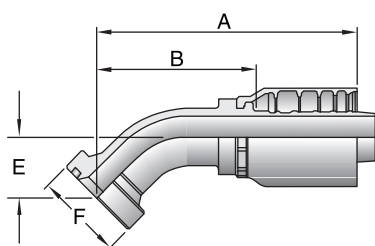
1XE77**Caterpillar® Flange Head - 30° Elbow**

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#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
1XE77-12-12	3/4	3/4	5.00	126,9	0.83	21,0	1-5/8	3.36	85,4
1XE77-16-12	1	3/4	5.02	127,4	0.75	19,0	1-7/8	3.38	86,0
1XE77-16-16	1	1	5.56	141,3	0.75	19,0	1-7/8	3.61	91,8
1XE77-20-16	1-1/4	1	5.53	140,4	0.87	22,0	2-1/8	3.58	90,9
1XE77-20-20	1-1/4	1-1/4	6.45	163,9	0.94	24,0	2-1/8	4.18	106,2
1XE77-24-24	1-1/2	1-1/2	7.33	186,25	1.18	30,0	2-1/2	4.94	125,55
1XE77-32-32	2	2	9.01	228,9	1.26	32,0	3-1/8	6.26	159,0



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1XF77**Caterpillar® Flange Head - 45° Elbow**

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#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
1XF77-12-12	3/4	3/4	4.76	120,8	1.22	31,0	1-5/8	3.12	79,3
1XF77-16-12	1	3/4	4.76	120,8	1.22	31,0	1-7/8	3.12	79,3
1XF77-16-16	1	1	5.23	132,8	1.42	36,0	1-7/8	3.28	83,3
1XF77-20-16	1-1/4	1	5.23	132,8	1.42	36,0	2-1/8	3.28	83,3
1XF77-20-20	1-1/4	1-1/4	6.11	155,2	1.46	37,0	2-1/8	3.84	97,5
1XF77-24-20	1-1/2	1-1/4	6.11	155,2	1.46	37,0	2-1/2	3.84	97,5
1XF77-24-24	1-1/2	1-1/2	6.94	176,35	1.77	45,0	2-1/2	4.55	115,65
1XF77-32-32	2	2	8.58	218,0	2.20	56,0	3-1/8	5.83	148,1



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

See Accessories Section for O-Rings and Flange Kits.



Refer to Pressure Rating of Hose End Connections Chart on page 482.

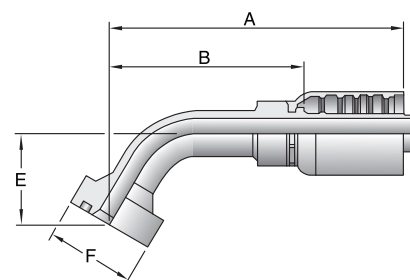
Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

1XG77

Caterpillar® Flange Head - 60° Elbow

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	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
1XG77-16-12	1	3/4	5.35	135,8	1.65	42,0	1-7/8	3.71	94,3
1XG77-16-16	1	1	5.93	150,7	1.97	50,0	1-7/8	3.98	101,2
1XG77-20-16	1-1/4	1	6.07	154,1	1.73	44,0	2-1/8	4.12	104,6
1XG77-20-20	1-1/4	1-1/4	7.31	185,7	2.01	51,0	2-1/8	5.04	128,0
1XG77-24-24	1-1/2	1-1/2	8.18	207,75	2.56	65,0	2-1/2	5.79	147,05
1XG77-32-32	2	2	8.74	222,1	3.27	83,0	3-1/8	5.99	152,1

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



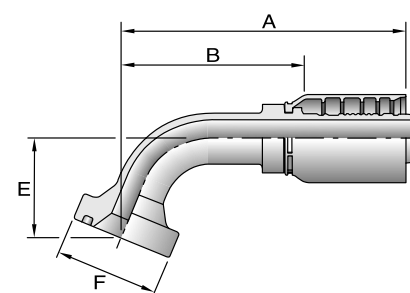
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1XM77

Caterpillar® Flange - 67-1/2° Elbow

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
1XM77-12-12	3/4	3/4	5.17	131,2	1.77	45,0	1-5/8	3.53	89,8
1XM77-16-12	1	3/4	5.19	131,8	1.77	45,0	1-7/8	3.55	90,3
1XM77-16-16	1	1	5.78	146,9	2.05	52,0	1-7/8	3.83	97,4
1XM77-20-16	1-1/4	1	5.78	146,9	2.05	52,0	2-1/8	3.83	97,4
1XM77-32-32	2	2	8.72	221,4	3.82	97,0	3-1/8	5.97	151,5

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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See Accessories Section for O-Rings and Flange Kits.

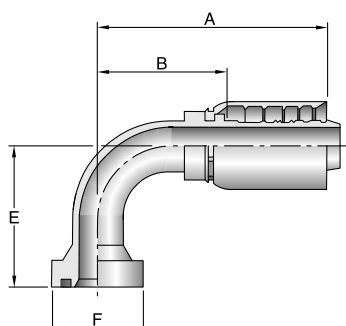


Refer to Pressure Rating of Hose End Connections Chart on page 482.

Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

1XN77

Caterpillar® Flange Head - 90° Elbow



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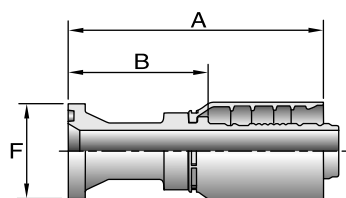
#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
1XN77-12-12	3/4	3/4	4.23	107,4	2.48	63,0	1-5/8	2.59	65,9
1XN77-12-16	3/4	1	4.41	112,0	2.76	70,0	1-5/8	2.46	62,5
1XN77-16-12	1	3/4	4.23	107,4	2.48	63,0	1-7/8	2.59	65,9
1XN77-16-16	1	1	4.65	118,1	2.91	74,0	1-7/8	2.70	68,6
1XN77-24-20	1-1/2	1-1/4	5.35	136,0	3.03	77,0	2-1/2	3.08	78,3
1XN77-24-24	1-1/2	1-1/2	6.24	158.45	4.16	105,6	2-1/2	3.85	97.75
1XN77-32-32	2	2	8.75	222,1	5.24	133,0	3-1/8	5.99	152,2



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1K577

Komatsu® Flange Head



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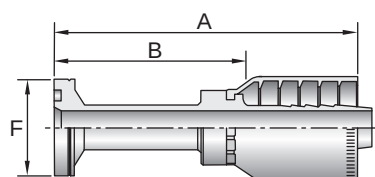
#			A			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	inch	mm
1K577-16-16	1	1	4.70	119,4	1-3/4	2.75	69,9



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1KA77

Komatsu® High Pressure Flange Head



view on web page

#			A			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	inch	mm
1KA77-20-16	1-1/4	1	4.05	102,9	2-1/8	2.10	53,4
1KA77-20-20	1-1/4	1-1/4	5.73	145,6	2-1/8	3.46	87,9
1KA77-24-24	1-1/2	1-1/2	6.39	162,3	2-1/2	4.00	101,6
1KA77-32-32	2	2	7.17	182,0	2-9/16	4.41	112,0



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

See Accessories Section for O-Rings and Flange Kits.



Refer to Pressure Rating of Hose End Connections Chart on page 482.

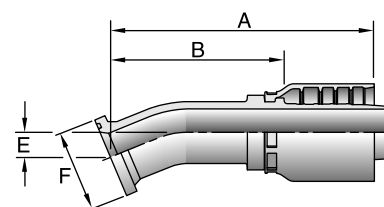
Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

1K677

Komatsu® Flange Head - 22-1/2° Elbow

#			A		E			B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
1K677-16-20	1	1-1/4	6.48	164,6	0.59	15,0	1-3/4	4.21	106,9

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



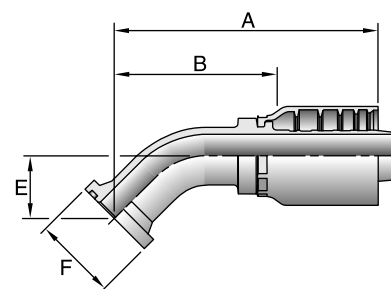
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1K777

Komatsu® Flange Head - 45° Elbow

#			A		E			B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
1K777-12-12	3/4	3/4	4.57	116,0	1.02	26,0	1-1/2	2.93	74,5
1K777-16-16	1	1	5.59	142,1	1.26	32,0	1-3/4	3.65	92,6

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



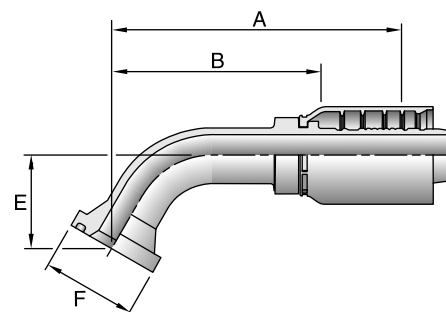
[view on web page](#)

1K377

Komatsu® Flange Head - 60° Elbow

#			A		E			B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	mm
1K377-12-12	3/4	3/4	5.27	133,8	1.46	37,0	1-1/2	3.64	92,4

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



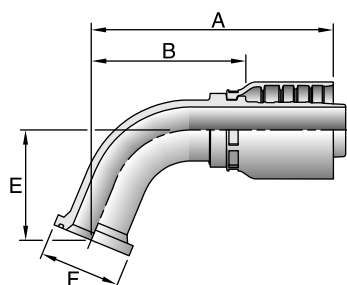
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See Accessories Section for O-Rings and Flange Kits.



Refer to Pressure Rating of Hose End Connections Chart on page 482.

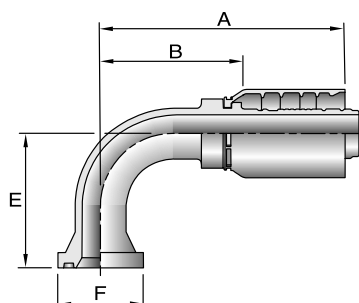
Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

1K877**Komatsu® Flange Head - 67-1/2° Elbow**

view on web page

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
1K877-16-16	1	1	5.98	151,9	2.01	51,0	1-3/4	4.03	102,4

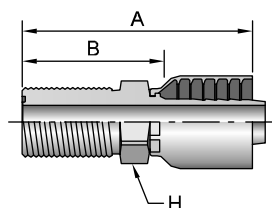
WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1K977**Komatsu® Flange Head - 90° Elbow**

view on web page

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
1K977-12-12	3/4	3/4	4.24	107,7	2.28	58,0	1-1/2	2.60	66,0
1K977-16-12	1	3/4	4.24	107,7	2.17	55,0	1-3/4	2.60	66,0
1K977-16-16	1	1	4.65	118,1	2.76	70,0	1-3/4	2.70	68,6

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1JB77**Male Seal-Lok® - Bulkhead without Locknut (with O-Ring)**
End Connection per SAE J516 (Apr2016)

view on web page

#			A			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	mm	inch	mm
1JB77-16-16	1-7/16x12	1	4.87	123,7	46	2.92	74,2

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

Supplied with Parker's exclusive Trap-Seal™, which leads to improved retention within Seal-Lok's™ ORFS groove and virtually eliminates costly leakage and/or time consuming pre-assembly handling.

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

See Accessories Section for O-Rings and Flange Kits.



Refer to Pressure Rating of Hose End Connections Chart on page 482.

Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

1JC77

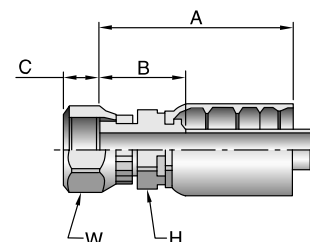
Female Seal-Lok® - Swivel - Short

ISO 12151-1-SWSA

#				A		C				B		Additional Material Stainless Steel (C)
Part Number	Thread inch		Hose I.D. inch	inch	mm	inch	mm	H mm	W mm	inch	mm	
1JC77-8-8	1/2	13/16x16	1/2	2.35	59,8	0.43	11,0	22	24	1.13	28,8	•
1JC77-10-10	5/8	1x14	5/8	2.75	69,8	0.48	12,0	24	30	1.40	35,6	
1JC77-12-8	3/4	1-3/16x12	1/2	2.63	66,9	0.55	14,0	30	36	1.41	35,9	
1JC77-12-12	3/4	1-3/16x12	3/4	3.08	80,2	0.53	12,0	30	36	1.45	38,7	•
1JC77-16-12	1	1-7/16x12	3/4	3.35	85,0	0.53	14,5	30	41	1.71	43,5	
1JC77-16-16	1	1-7/16x12	1	3.59	91,2	0.53	14,5	36	41	1.64	41,7	
1JC77-20-16	1-1/4	1-11/16x12	1	3.53	95,0	0.53	15,0	36	50	1.58	45,5	
1JC77-20-20	1-1/4	1-11/16x12	1-1/4	4.25	108,0	0.53	15,0	46	50	1.98	50,3	
1JC77-24-24	1-1/2	2x12	1-1/2	4.55	115,6	0.53	15,7	50	60	2.16	54,9	
1JC77-32-32*	2	2-1/2x12	2	5.64	143,1	0.73	18,4	65	75	2.88	73,2	•

*This specific size in stainless is not able to be crimped in any Parkrimp machine.

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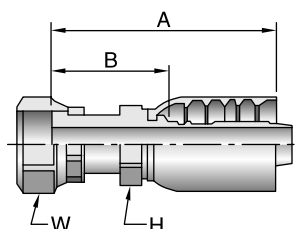
1JS77

Female Seal-Lok® - Swivel - Long

ISO 12151-1-SWSB

#				A						B		Additional Material Stainless Steel (C)
Part Number	Thread inch		Hose I.D. inch	inch	mm	H mm	W mm	inch	mm	inch	mm	
1JS77-6-8	3/8	11/16x16	1/2	2.67	67,8	22	22	1.45	36,8			
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			
1JS77-10-12	5/8	1x14	3/4	3.58	90,8	30	30	1.94	49,4			
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	36	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	•		
1JS77-24-24	1-1/2	2x12	1-1/2	5.12	130,0	50	60	2.73	69,4	•		
1JS77-32-32	2	2-1/2x12	2	6.28	159,5	65	75	3.52	89,4			

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See Accessories Section for O-Rings and Flange Kits.



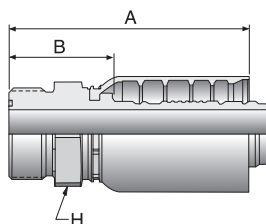
Refer to Pressure Rating of Hose End Connections Chart on page 482.

Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

1J077

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

ISO 12151-1-S



view on web page

#			A			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	H mm	inch	mm
1J077-8-8	13/16x16	1/2	2.85	72,3	22	1.39	35,3
1J077-10-8	1x14	1/2	3.03	77,0	27	1.57	39,9
1J077-10-10	1x14	5/8	3.30	83,8	27	1.63	41,4
1J077-12-10	1-3/16x12	5/8	3.44	87,3	32	1.77	45,0
1J077-12-12	1-3/16x12	3/4	3.75	95,3	32	1.84	46,7
1J077-16-12	1-7/16x12	3/4	3.93	99,8	41	2.02	51,3
1J077-16-16	1-7/16x12	1	4.33	110,0	41	2.10	53,3
1J077-20-16	1-11/16x12	1	4.41	112,0	46	2.18	55,4
1J077-20-20	1-11/16x12	1-1/4	4.98	126,5	46	2.27	57,7
1J077-24-20	2x12	1-1/4	5.14	130,5	55	2.43	61,7

Supplied with Parker's exclusive Trap-Seal™, which leads to improved retention within Seal-Lok's™ ORFS groove and virtually eliminates costly leakage and/or time consuming pre-assembly handling.

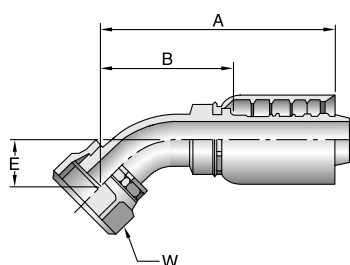


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1J777

Female Seal-Lok® - Swivel - 45° Elbow

ISO 12151-1-SWE45



view on web page

#			A		E			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	W mm	inch	mm
1J777-8-8	1/2 13/16x16	1/2	2.86	72,7	0.59	15	24	1.64	41,8
1J777-10-8	5/8 1x14	1/2	2.97	75,5	0.63	16	30	1.75	44,6
1J777-10-10	5/8 1x14	5/8	3.40	86,0	0.63	16	30	2.05	52,0
1J777-12-12	3/4 1-3/16x12	3/4	4.39	111,4	0.83	21	36	2.75	70,0
1J777-16-16	1 1-7/16x12	1	4.79	121,7	0.94	24	41	2.84	72,1
1J777-20-16	1-1/4 1-11/16x12	1	4.80	121,8	0.98	25	50	2.85	72,3
1J777-20-20	1-1/4 1-11/16x12	1-1/4	5.64	143,2	0.98	25	50	3.36	85,5
1J777-24-24	1-1/2 2x12	1-1/2	6.82	173,35	1.65	42	60	4.44	112,65



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See Accessories Section for O-Rings and Flange Kits.



Refer to Pressure Rating of Hose End Connections Chart on page 482.

Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

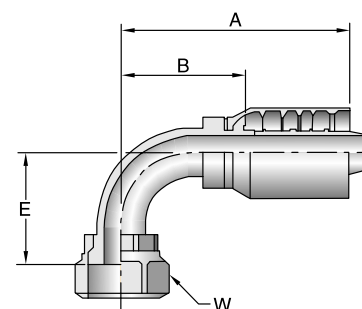
1J977**Female Seal-Lok® - Swivel - 90° Elbow - Short Drop**

ISO 12151-1-SWES90

#										
Part Number	Thread inch		Hose I.D. inch	A		E		W	B	
				inch	mm	inch	mm	mm	inch	mm
1J977-8-8	1/2	13/16x16	1/2	2.78	70,7	1.14	29	24	1.56	39,7
1J977-10-8	5/8	1x14	1/2	2.77	70,5	1.26	32	30	1.55	39,5
1J977-10-10	5/8	1x14	5/8	3.21	81,5	1.26	32	30	1.86	47,3
1J977-12-8	3/4	1-3/16x12	1/2	2.77	70,5	1.89	48	36	1.55	39,5
1J977-12-10	3/4	1-3/16x12	5/8	3.21	81,5	1.89	48	36	1.86	47,3
1J977-12-12	3/4	1-3/16x12	3/4	4.24	107,6	1.89	48	36	2.60	66,1
1J977-16-12	1	1-7/16x12	3/4	4.23	107,4	2.20	56	41	2.59	65,9
1J977-16-16	1	1-7/16x12	1	4.65	118,1	2.20	56	41	2.70	68,6
1J977-16-20	1	1-7/16x12	1-1/4	5.05	128,3	2.20	56	41	2.78	70,6
1J977-20-16	1-1/4	1-11/16x12	1	4.65	118,1	2.52	64	50	2.70	68,6
1J977-20-20	1-1/4	1-11/16x12	1-1/4	5.35	136,0	2.52	64	50	3.08	78,3



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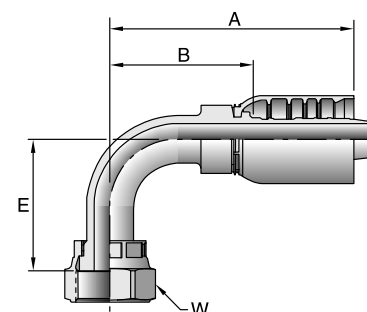
1J577**Female Seal-Lok® - Swivel - 90° Elbow - Medium Drop**

ISO 12151-1 - SWEM90

#											Additional Material Stainless Steel (C)
Part Number	Thread inch		Hose I.D. inch	A inch	mm	E inch	mm	W mm	B inch	mm	
1J577-8-8	1/2	13/16x16	1/2	2.77	70,5	1.61	41	24	1.55	39,5	
1J577-10-10	5/8	1x14	5/8	4.11	104,4	1.85	57	30	2.76	70,1	
1J577-12-12	3/4	1-3/16x12	3/4	4.24	107,6	2.28	58	36	2.60	66,1	
1J577-16-12	1	1-7/16x12	3/4	4.23	107,5	2.80	71	41	2.60	66,0	
1J577-16-16	1	1-7/16x12	1	4.65	118,1	2.80	71	41	2.70	68,6	
1J577-20-20	1-1/4	1-11/16x12	1-1/4	5.35	136,0	3.07	78	50	3.08	78,3	
1J577-20-20C	1-1/4	1-11/16x12	1-1/4	6.20	157,5	3.07	78	50	3.93	99,8	•
1J577-24-24	1-1/2	2x12	1-1/2	6.24	158,45	3.39	86	60	3.85	97,75	•



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See Accessories Section for O-Rings and Flange Kits.

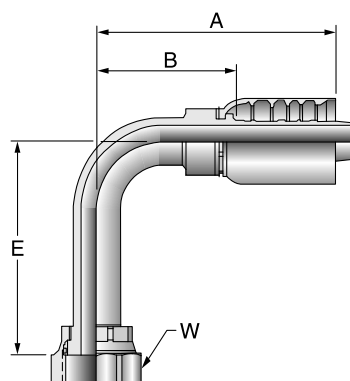


Refer to Pressure Rating of Hose End Connections Chart on page 482.

Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

1J177**Female Seal-Lok® - Swivel - 90° Elbow - Long Drop**

ISO 12151-1-SWEL90



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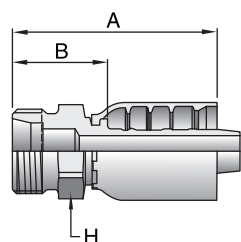
#										Additional Material
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	mm	inch	mm	Stainless Steel (C)
1J177-8-8	13/16x16	1/2	2.77	70,5	2.52	64	24	1.55	39,5	
1J177-10-10	1x14	5/8	3.21	81,5	2.76	70	30	1.86	47,3	
1J177-12-10	1-3/16x12	5/8	3.21	81,5	3.78	96	36	1.86	47,3	
1J177-12-12	1-3/16x12	3/4	4.23	107,4	3.78	96	36	2.59	65,9	
1J177-16-12	1-7/16x12	3/4	4.23	107,4	4.49	114	41	2.59	65,9	
1J177-16-16	1-7/16x12	1	4.65	118,1	4.49	114	41	2.70	68,6	
1J177-20-16	1-11/16x12	1	4.65	118,1	5.08	129	50	2.70	68,6	
1J177-20-20	1-11/16x12	1-1/4	5.35	136,0	5.08	129	50	3.08	78,3	
1J177-20-20C	1-11/16x12	1-1/4	6.29	159,8	5.08	129	50	4.02	102,1	•



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1D277**Male Metric S - Rigid - (24° Cone)**

End Connection per ISO 8434-1-BHS



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#							
Part Number	Thread mm	Hose I.D. inch	inch	mm	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
1D277-20-12	M30x2	3/4	3.29	83,6	30	1.66	42,1
1D277-25-12	M36x2	3/4	3.39	86,3	36	1.76	44,8
1D277-30-16	M42x2	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



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See Accessories Section for O-Rings and Flange Kits.



Refer to Pressure Rating of Hose End Connections Chart on page 482.

Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

1C977

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

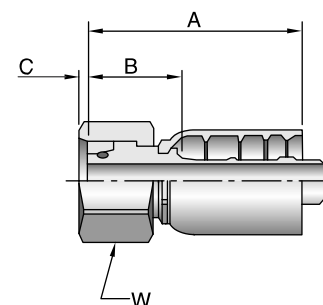
ISO 12151-2-SWS

#											
Part Number	Thread	Hose I.D.	A	C	W	B	Additional Material Stainless Steel (C)				
1C977-12-8	12 M20x1,5	1/2	2.39 60,8	0.03 1,0	24	1.17 29,8					
1C977-16-8	16 M24x1,5	1/2	2.34 59,5	0.09 2,0	30	1.12 28,5	•				
1C977-16-10	16 M24x1,5	5/8	2.64 67,0	0.09 2,0	30	1.29 32,8					
1C977-20-8	20 M30x2	1/2	2.46 62,5	0.05 1,3	36	1.24 31,5					
1C977-20-10	20 M30x2	5/8	2.64 67,0	0.05 1,3	36	1.29 32,8					
1C977-20-12	20 M30x2	3/4	2.97 75,5	0.05 1,3	36	1.34 34,0	•				
1C977-25-12	25 M36x2	3/4	3.00 76,5	0.10 2,6	46	1.37 35,0					
1C977-25-16	25 M36x2	1	3.60 91,4	0.10 2,6	46	1.65 41,9					
1C977-30-12	30 M42x2	3/4	3.17 80,4	0.19 5,0	50	1.53 39,0					
1C977-30-16	30 M42x2	1	3.50 89,0	0.19 5,0	50	1.55 39,5					
1C977-30-20	30 M42x2	1-1/4	4.09 103,9	0.19 5,0	50	1.82 46,2					
1C977-38-20	38 M52x2	1-1/4	3.92 99,6	0.27 6,9	60	1.65 42,0					
1C977-38-24	38 M52x2	1-1/2	4.08 103,7	0.24 6,0	60	1.69 43,1					

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



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10C77

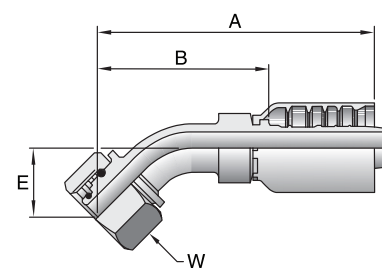
Female Metric S - Swivel - 45° Elbow - (24° Cone with O-Ring)

ISO 12151-2-SWE-45

#											
Part Number	Thread	Hose I.D.	A	E	W	B					
10C77-16-8	16 M24x1,5	1/2	3.28 83,4	0.93 23,5	30	2.06 52,4					
10C77-20-10	20 M30x2	5/8	4.20 106,7	1.10 28,0	36	2.85 72,4					
10C77-20-12	20 M30x2	3/4	4.74 120,4	1.18 30,0	36	3.10 78,8					
10C77-25-12	25 M36x2	3/4	4.70 119,3	1.14 29,0	46	3.06 77,8					
10C77-25-16	25 M36x2	1	5.59 141,9	1.30 33,0	46	3.64 92,4					
10C77-30-16	30 M42x2	1	5.58 141,8	1.30 33,0	50	3.63 92,3					
10C77-38-20	38 M52x2	1-1/4	6.60 167,7	1.44 36,5	60	4.33 110,0					
10C77-38-24	38 M52x2	1-1/2	7.09 180,05	1.93 49,0	60	4.70 119,35					



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



view on web page

See Accessories Section for O-Rings and Flange Kits.

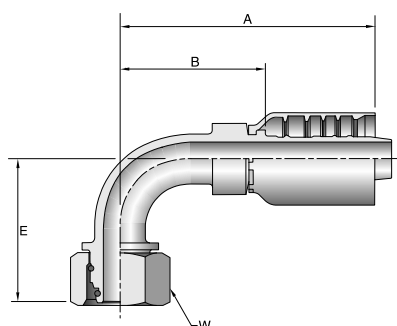


Refer to Pressure Rating of Hose End Connections Chart on page 482.

Use with hoses: 387/TC/ST, 487/TC/ST, 787/TC/ST, 797/TC/ST

11C77

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



[view on web page](#)

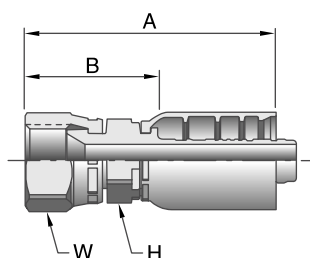
#			A		E			B	
Part Number	Thread mm	Hose I.D. inch	inch	mm	inch	mm	mm	inch	mm
11C77-16-8	M24x1,5	1/2	3.02	76,6	1.77	45	30	1.80	45,6
11C77-20-10	M30x2	5/8	3.62	92,0	2.09	53	36	2.27	57,8
11C77-20-12	M30x2	3/4	4.25	107,9	2.36	60	36	2.61	66,4
11C77-25-12	M36x2	3/4	4.25	107,9	2.32	59	46	2.61	66,4
11C77-25-16	M36x2	1	4.65	118,1	2.75	70	46	2.70	68,6
11C77-30-16	M42x2	1	5.16	131,0	2.72	69	50	3.21	81,6
11C77-38-20	M52x2	1-1/4	6.28	159,5	3.07	78	60	4.01	101,8
11C77-38-24	M52x2	1-1/2	6.24	158,45	3.98	101	60	3.85	97,75



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1FU77

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



[view on web page](#)

#			A				B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	mm	mm	inch	mm
1FU77-8-8	1/2x14	1/2	2.89	73,4	22	27	1.67	42,4
1FU77-12-12	3/4x14	3/4	3.71	94,1	32	36	2.07	52,6
1FU77-16-16	1x11	1	4.31	109,5	41	41	2.36	60,0
1FU77-20-20	1-1/4x11	1-1/4	4.88	123,9	50	50	2.60	66,1
1FU77-24-24	1-1/2x11	1-1/2	5.42	137,7	60	60	3.03	77,1



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

See Accessories Section for O-Rings and Flange Kits.



Refer to Pressure Rating of Hose End Connections Chart on page 482.

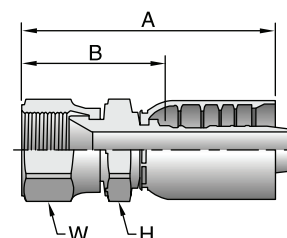
Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

1KU77

Female Metric - Swivel - (30° Flare)

#			A				B	
Part Number	Thread mm	Hose I.D. inch	inch	mm	H mm	W mm	inch	mm
1KU77-10-10	M24x1,5	5/8	3.44	87,5	32	32	2.09	53,2
1KU77-12-12	M30x1,5	3/4	3.79	96,3	36	36	2.16	54,8
1KU77-16-16	M33x1,5	1	4.61	117,1	41	41	2.66	67,6

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



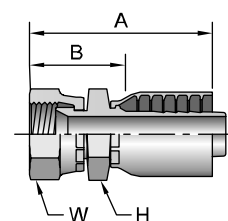
[view on web page](#)

1MU77

Female Metric - Swivel - (30° Flare)

#			A				B	
Part Number	Thread mm	Hose I.D. inch	inch	mm	H mm	W mm	inch	mm
1MU77-8-8	M22x1,5	1/2	2.89	73,4	22	27	1.67	42,4

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



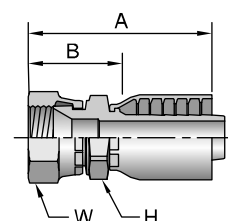
[view on web page](#)

1XU77

Female Metric - Swivel - (30° Flare)

#			A				B	
Part Number	Thread mm	Hose I.D. inch	inch	mm	H mm	W mm	inch	mm
1XU77-10-10	M24x1,5	5/8	3.44	87,5	30	32	2.09	53,2
1XU77-12-12	M30x1,5	3/4	3.93	99,7	32	36	2.29	58,3
1XU77-16-16	M33x1,5	1	4.55	115,6	36	41	2.60	66,1
1XU77-20-20	M36x1,5	1-1/4	5.18	131,4	46	46	2.90	73,7
1XU77-24-24	M42x1,5	1-1/2	5.65	143,4	50	55	3.26	82,7

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



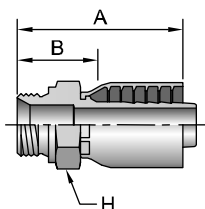
[view on web page](#)

See Accessories Section for O-Rings and Flange Kits.



Refer to Pressure Rating of Hose End Connections Chart on page 482.

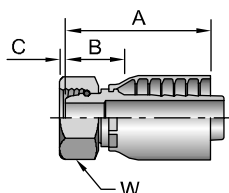
Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

1D977**Male BSP Parallel Pipe - Rigid - (60° Cone)**
[view on web page](#)

#							
Part Number	Thread inch	Hose I.D. inch	inch	mm	H mm	inch	mm
1D977-12-12	3/4x14A	3/4	3.43	87,0	32	1.79	45,6



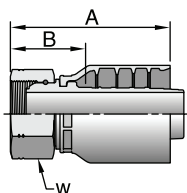
WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

19277**Female BSP Parallel Pipe - Swivel - (60° Cone)**
[view on web page](#)

#									
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	W mm	inch	mm
19277-12-12	3/4x12	3/4	2.86	72,6	0.35	8,9	32	1.22	31,1
19277-24-24	1-1/2x11	1-1/2	4.07	103,4	0.45	11,5	55	1.68	42,7
19277-32-32	2x11	2	4.93	125,1	0.50	13,3	70	2.17	55,1



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1EA77**Female BSP Parallel Pipe - Swivel - (60° Cone with O-Ring)**
[view on web page](#)

#							
Part Number	Thread inch	Hose I.D. inch	inch	mm	W mm	inch	mm
1EA77-24-24	1-1/2x11	1-1/2	4.05	102,9	55	1.66	42,2
1EA77-32-32	2x11	2	4.63	117,7	70	1.88	47,8



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

See Accessories Section for O-Rings and Flange Kits.



Refer to Pressure Rating of Hose End Connections Chart on page 482.

Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

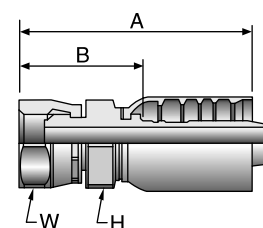
1GU77

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

#			A				B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	H mm	W mm	inch	mm
1GU77-8-8	1/2x14	1/2	2.97	75,5	27	27	1.75	44,5
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
1GU77-20-20	1-1/4x11	1-1/4	4.91	124,7	46	50	2.64	67,0
1GU77-24-24	1-1/2x11	1-1/2	5.49	139,3	60	60	3.09	78,6
1GU77-32-32	2x11	2	6.04	153,4	70	70	3.28	83,4



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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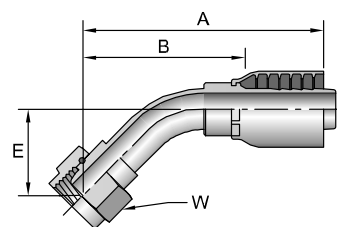
1B177

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

#			A		E			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	W mm	inch	mm
1B177-16-16	1x11	1	5.71	145,0	1.42	36	41	3.76	95,5



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



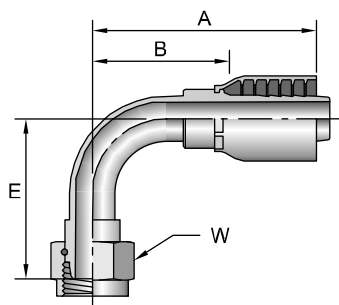
[view on web page](#)

See Accessories Section for O-Rings and Flange Kits.



Refer to Pressure Rating of Hose End Connections Chart on page 482.

Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

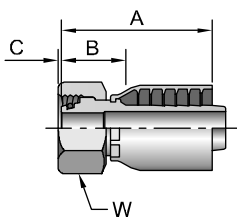
1B277**Female BSP Parallel Pipe - Swivel - 90° Elbow (60° Cone)**

view on web page

#										Additional Material Stainless Steel (C)
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	mm	inch	mm	
1B277-12-12	3/4x14	3/4	4.26	108,1	2.17	55,0	32	2.62	66,6	•
1B277-16-16	1x11	1	4.65	118,1	2.89	73,5	41	2.70	68,6	



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

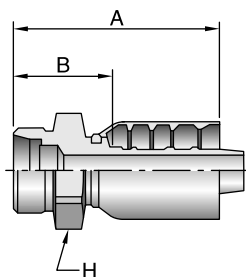
1CA77**Female Metric L - Swivel - (24° Cone with O-Ring)**

view on web page

#								
Part Number	Thread mm	Hose I.D. inch	inch	mm	mm	mm	inch	mm
1CA77-22-12	M30x2	3/4	2.86	72,6	0.15	36	1.22	31,1
1CA77-28-16	M36x2	1	3.52	89,4	0.08	41	1.57	39,9
1CA77-35-20	M45x2	1-1/4	3.95	100,4	0.06	50	1.68	42,6
1CA77-42-24	M52x2	1-1/2	4.18	106,2	0.14	60	1.79	45,5



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1ZM77**Male 24° Cone Metric - Rigid**

view on web page

#							
Part Number	Thread mm	Hose I.D. inch	inch	mm	mm	inch	mm
1ZM77-22-10	M30x1,5	5/8	2.83	71,8	36	1.48	37,6
1ZM77-22-12	M30x1,5	3/4	3.17	80,4	36	1.53	39,0
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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

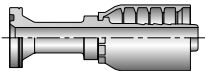
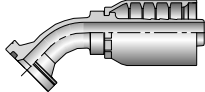
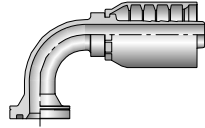
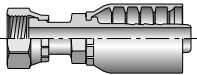
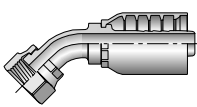
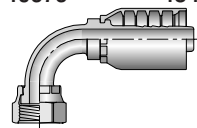
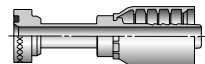
See Accessories Section for O-Rings and Flange Kits.



Refer to Pressure Rating of Hose End Connections Chart on page 482.

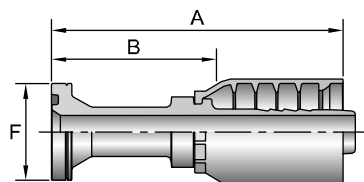
Use with hoses: 387/TC/ST,
487/TC/ST, 787/TC/ST, 797/TC/ST

79 Series Fittings

 Code 62 Flange	16A79 182  <i>Flange</i>	16F79 182  <i>45° Elbow</i>	16N79 182  <i>90° Elbow</i>	 Seal-Lok® (O-Ring Face Seal)	1JS79 183  <i>Female - Swivel Long</i>
1J779 183  <i>Female - Swivel 45° Elbow</i>	1J979 184  <i>Female - Swivel 90° Elbow - Short</i>	 Flange Head	1XA79 184  <i>Flange Head</i>		

16A79**SAE Code 62 Flange Head**

ISO 12151-3 - S - S



view on web page

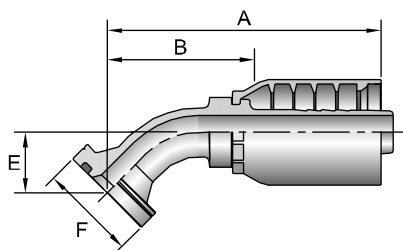
#			A		F		B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	mm
16A79-12-12	3/4	3/4	4.90	124	1-5/8	2.84	72	
16A79-16-16	1	1	5.48	139	1-7/8	3.31	84	
16A79-20-16	1-1/4	1	4.28	109	2-1/8	2.11	54	
16A79-20-20	1-1/4	1-1/4	6.09	155	2-1/8	3.41	87	
16A79-24-24	1-1/2	1-1/2	7.11	181	1-1/2	4.07	103	



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

16F79**SAE Code 62 Flange Head - 45° Elbow**

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



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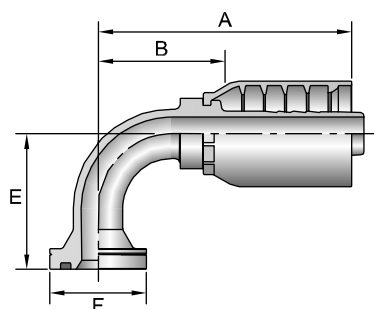
#			A		E		F		B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	mm	inch	mm
16F79-16-16	1	1	5.33	135	1.26	32	1-7/8	3.16	80	
16F79-20-20	1-1/4	1-1/4	6.77	172	1.50	38	2-1/8	4.09	104	



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

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

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



view on web page

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

See Accessories Section for O-Rings and Flange Kits.

1JS79

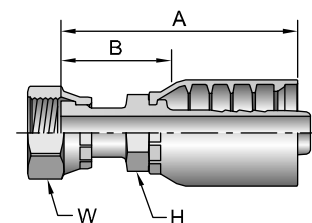
Female Seal-Lok® - Swivel - Long

ISO 12151-1 - SWSB

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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1J779

Female Seal-Lok® - Swivel - 45° Elbow

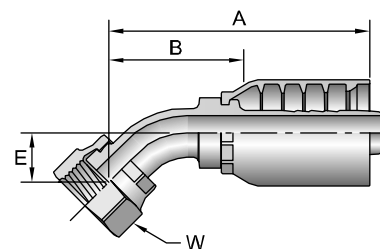
ISO 12151-1 - SWE25

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

See Accessories Section for O-Rings and Flange Kits.



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



view on web page

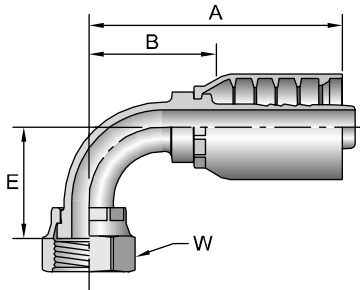


Refer to Pressure Rating of Hose End Connections Chart on page 482.

Use with hoses: F42

1J979

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



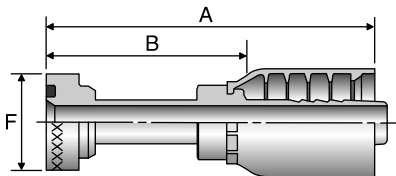
view on web page

#			A		E			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
1J979-12-12	3/4	1-3/16x12	3/4	4.27	1.88	48	1-3/8	2.21	56
1J979-16-16	1	1-7/16x12	1	4.95	2.21	56	1-5/8	2.78	71

 **WARNING:** The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1XA79

Caterpillar® Flange Head



view on web page

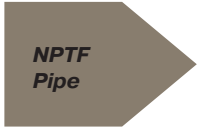
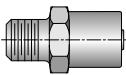
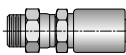
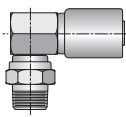
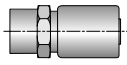
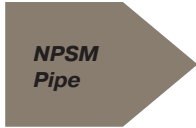
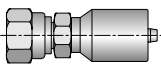
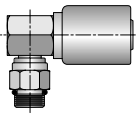
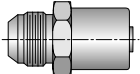
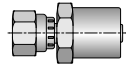
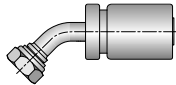
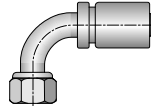
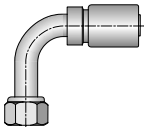
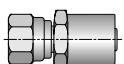
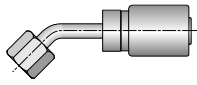
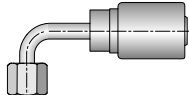
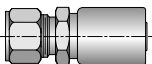
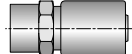
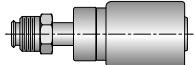
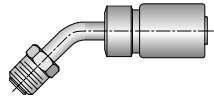
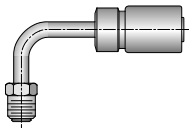
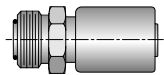
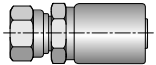
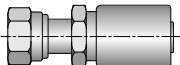
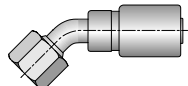
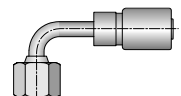
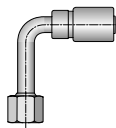
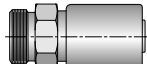
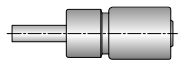
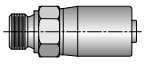
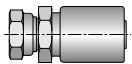
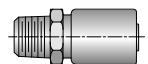
#			A		F	B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	inch	mm
1XA79-16-16	1	1	5.75	146	1-7/8	3.59	91

 **WARNING:** The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

 Refer to Pressure Rating of Hose End Connections Chart on page 482.

Use with hoses: F42

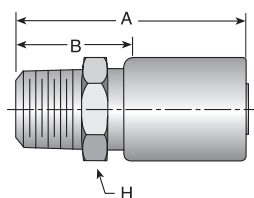
HY Series Fittings

 NPTF Pipe	101HY 186  <i>Male - Rigid</i>	113HY 186  <i>Male - Swivel</i>	11LHY 187  <i>Male - Swivel 90° Elbow</i>	102HY 187  <i>Female - Rigid</i>	 NPSM Pipe
107HY 187  <i>Female - Swivel (60° Cone)</i>	 Straight Thread	105HY 188  <i>Male - Rigid</i>	10GHY 188  <i>Male - Swivel</i>	10LHY 189  <i>Male - Swivel 90° Elbow</i>	 JIC 37°
103HY 189  <i>Male - Rigid</i>	106HY 190  <i>Female - Swivel</i>	137HY 191  <i>Female - Swivel 45° Elbow - Short</i>	139HY 191  <i>Female - Swivel 90° Elbow - Short</i>	141HY 192  <i>Female - Swivel 90° Elbow - Long</i>	 SAE 45°
108HY 192  <i>Female - Swivel</i>	177HY 193  <i>Female - Swivel 45° Elbow</i>	179HY 193  <i>Female - Swivel 90° Elbow</i>	 Flareless	111HY 193  <i>Male - Rigid</i>	 Grease Connection
1GJHY 194  <i>Female - Rigid</i>	 Inverted Flare	128HY 194  <i>Male - Swivel</i>	167HY 194  <i>Male - Swivel 45° Elbow</i>	169HY 195  <i>Male - Swivel 90° Elbow</i>	 Seal-Lok® (O-Ring Face Seal)
1J0HY 195  <i>Male - Rigid w/O-Ring</i>	1JCHY 195  <i>Female - Swivel Short</i>	1JSHY 196  <i>Female - Swivel Long</i>	1J7HY 196  <i>Female - Swivel 45° Elbow</i>	1J9HY 197  <i>Female - Swivel 90° Elbow - Short</i>	1J1HY 197  <i>Female - Swivel 90° Elbow - Long</i>
 Metric L & S	1D0HY 198  <i>Male - Rigid</i>	13DHY 198  <i>Male Standpipe Rigid</i>	 BSP	1D9HY 198  <i>Male - Rigid</i>	1GUHY 199  <i>Female - Swivel</i>
1UTHY 199  <i>Male - Rigid</i>	1XUHY 199  <i>Female - Metric Swivel</i>				

Use with hoses: 801, 836, 611HT

101HY

Male NPTF Pipe - Rigid



view on web page

#			A			B		Additional Material Stainless Steel (C)
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	inch	mm	
101HY-2-4	1/8x27	1/4	2.34	59	5/8	1.00	25	
101HY-4-4	1/4x18	1/4	2.53	64	9/16	1.19	30	•
101HY-4-5	1/4x18	5/16	2.56	65	11/16	1.22	31	
101HY-4-6	1/4x18	3/8	2.55	65	11/16	1.19	30	
101HY-6-4	3/8x18	1/4	2.53	64	3/4	1.19	30	
101HY-6-5	3/8x18	5/16	2.56	65	3/4	1.22	31	
101HY-6-6	3/8x18	3/8	2.55	65	3/4	1.19	30	•
101HY-6-8	3/8x18	1/2	2.72	69	7/8	1.38	35	
101HY-8-4	1/2x14	1/4	2.72	69	7/8	1.38	35	
101HY-8-6	1/2x14	3/8	2.73	69	7/8	1.38	35	
101HY-8-8	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-12-12	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	

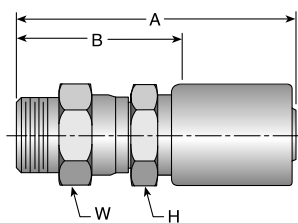
Stainless steel fittings must be assembled with Karrykrimp 2, Phastkrimp, Superkrimp or Parkrimp 2. See CrimpSource for more information.



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113HY

Male NPTF Pipe - Swivel



view on web page

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

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

See Technical Section for Pressure Limitations.

*For water-based fluid applications, use the alternate O-Ring "W". See the table above for applicable part numbers and an example of the nomenclature for ordering purposes is 11343W-4-4 with the "W" after the series.



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Use with hoses: 801, 836, 611HT

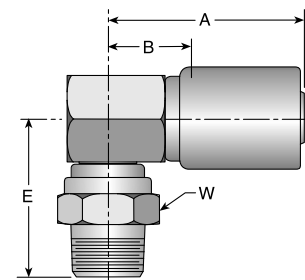
11LHY

Male NPTF Pipe - Swivel - 90° Elbow

#			A		E			B		Additional Material	O-Ring
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm	Stainless Steel (C)	(W)
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-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	•	•

*For water-based fluid applications, use the alternate O-Ring "W". See the table above for applicable part numbers and an example of the nomenclature for ordering purposes is 11343W-4-4 with the "W" after the series.

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



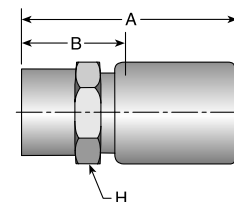
view on web page

102HY

Female NPTF Pipe - Rigid

#			A			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	H inch	inch	mm
102HY-2-4	1/8x27	1/4	2.34	59	5/8	1.00	25
102HY-4-4	1/4x18	1/4	2.47	63	11/16	1.13	29
102HY-4-6	1/4x18	3/8	2.48	63	11/16	1.13	29
102HY-6-6	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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



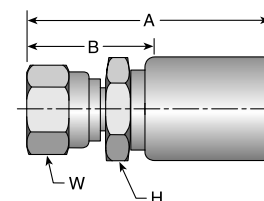
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107HY

Female NPSM Pipe - Swivel - (60° Cone)

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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

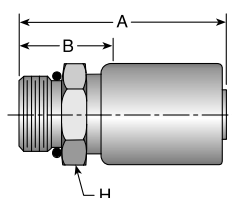


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Use with hoses: 801, 836, 611HT

105HY

Male SAE Straight Thread with O-Ring - Rigid



view on web page

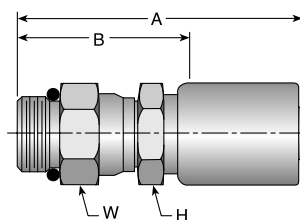
#			A			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	H inch	inch	mm
105HY-4-4	7/16x20	1/4	2.33	59	9/16	0.97	25
105HY-6-4	9/16x18	1/4	2.42	61	11/16	1.06	27
105HY-6-6	9/16x18	3/8	2.38	60	11/16	1.03	26
105HY-8-6	3/4x16	3/8	2.42	61	7/8	1.06	27
105HY-8-8	3/4x16	1/2	2.59	66	7/8	1.25	32
105HY-10-8	7/8x14	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-12-12	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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

10GHY

Male SAE Straight Thread with O-Ring - Swivel



view on web page

#			A				B		Additional Material Stainless Steel (C)	*O-Ring (W)
Part Number	Thread inch	Hose I.D. inch	inch	mm	H inch	W inch	inch	mm		
10GHY-4-4	7/16x20	1/4	3.00	76	9/16	5/8	1.66	42		
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-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.

*For water-based fluid applications, use the alternate O-Ring "W". See the table above for applicable part numbers and an example of the nomenclature for ordering purposes is 11343W-4-4 with the "W" after the series.



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

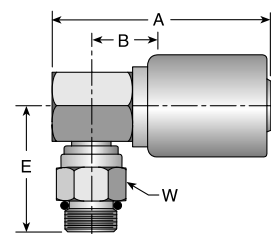
O-Ring not compatible with Phosphate Ester fluids.

Use with hoses: 801, 836, 611HT

10LHY

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

#			A		E			B		Additional Material Stainless Steel (C)	*O-Ring (W)
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm		
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-8-6	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		



view on web page

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

*For water-based fluid applications, use the alternate O-Ring "W". See the table above for applicable part numbers and an example of the nomenclature for ordering purposes is 11343W-4-4 with the "W" after the series.

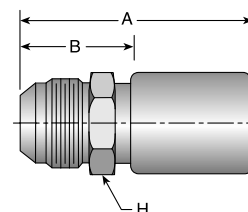


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

103HY

Male JIC 37° - Rigid

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



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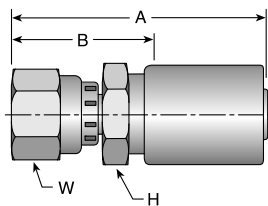


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Use with hoses: 801, 836, 611HT

106HY

Female JIC 37° - Swivel



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#			A				B		Additional Material Stainless Steel (C)
Part Number	Thread inch	Hose I.D. inch	inch	mm	H inch	W 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-12-8	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-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.



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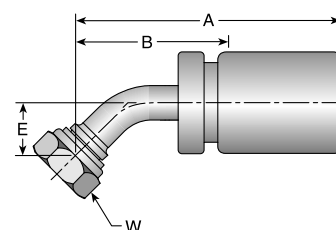
137HY

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

# Part Number	 Thread inch	 Hose I.D. inch	A		E		 W	B	
			inch	mm	inch	mm		inch	mm
137HY-4-4	7/16x20	1/4	2.59	66	0.39	10	9/16	1.32	34
137HY-6-4	9/16x18	1/4	2.70	69	0.43	10	3/4	1.43	36
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-12-12	1-1/16x12	3/4	3.82	97	0.83	21	1-1/4	2.29	58
137HY-16-16	1-5/16x12	1	4.31	109	0.89	23	1-1/2	2.69	68



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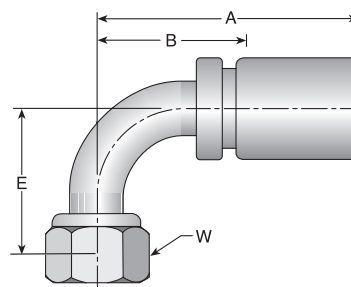
139HY

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

# Part Number	 Thread inch	 Hose I.D. inch	A		E		 W	B	
			inch	mm	inch	mm		inch	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-6-6	9/16x18	3/8	2.57	65	0.91	23	11/16	1.29	33
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-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

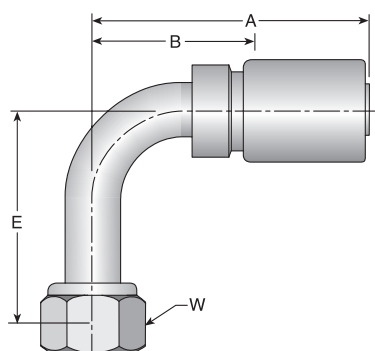


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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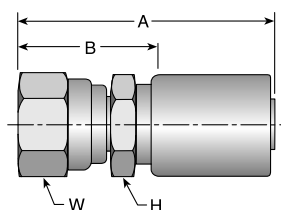
Use with hoses: 801, 836, 611HT

141HY**Female JIC 37° - Swivel - 90° Elbow - Long Drop**

view on web page

#									
Part Number	Thread inch	Hose I.D. inch	A inch	mm	E inch	mm	W inch	B inch	mm
141HY-4-4	7/16x20	1/4	2.68	68	1.81	46	9/16	1.41	36
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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

108HY**Female SAE 45° - Swivel**

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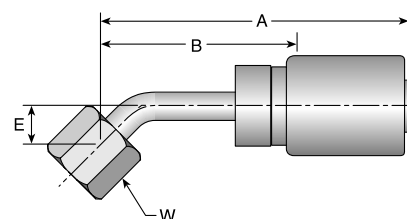
#								
Part Number	Thread inch	Hose I.D. inch	A inch	mm	H inch	W inch	B inch	mm
108HY-5-5	1/2x20	5/16	2.68	68	5/8	5/8	1.34	34
108HY-6-4	5/8x18	1/4	2.73	69	11/16	3/4	1.38	35
108HY-6-5	5/8x18	5/16	2.76	70	5/8	3/4	1.41	36
108HY-6-6	5/8x18	3/8	2.75	70	11/16	3/4	1.41	36
108HY-8-8	3/4x16	1/2	2.90	74	7/8	7/8	1.56	40
108HY-8-12	3/4x16	3/4	3.17	81	1-1/4	7/8	1.59	40
108HY-12-12	1-1/16x12	3/4	3.41	87	1-1/4	1-1/4	1.84	47

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

177HY**Female SAE 45° - Swivel - 45° Elbow**

#			A		E			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
177HY-12-12	1-1/16x14	3/4	4.03	102	0.77	20	1-1/4	2.44	62

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

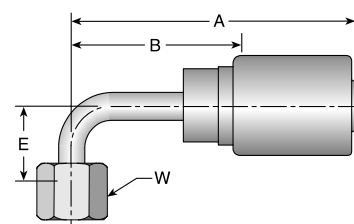


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179HY**Female SAE 45° - Swivel - 90° Elbow**

#			A		E			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
179HY-6-6	5/8x18	3/8	3.23	82	0.86	22	3/4	1.88	48

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



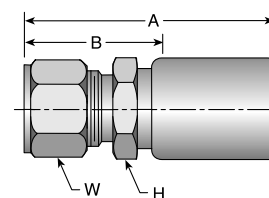
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111HY**Male Ferulok Flareless - Rigid
(24° Cone w/Nut and Ferrule)**

#			A				B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	inch	inch	mm
111HY-4-4	7/16x20	1/4	2.42	61	9/16	9/16	1.06	27
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.

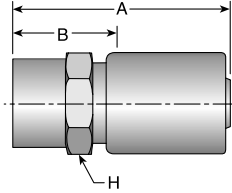
WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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1GJHY

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



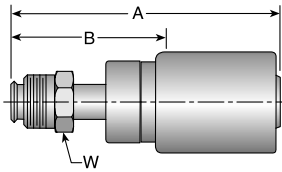
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#							
Part Number	Thread inch	Hose I.D. inch	inch	mm	H inch	inch	mm
1GJHY-8-4	1/2x27	1/4	2.41	61	3/4	1.06	27

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

128HY

Male Inverted SAE 45° - Swivel



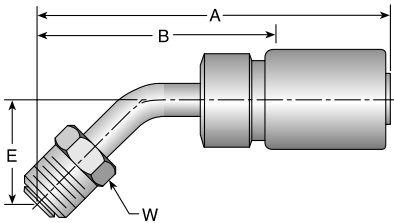
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#							
Part Number	Thread inch	Hose I.D. inch	inch	mm	W inch	inch	mm
128HY-4-4	7/16x24	1/4	3.28	83	7/16	1.94	49
128HY-6-5	5/8x18	5/16	3.75	95	5/8	2.41	61
128HY-6-6	5/8x18	3/8	3.73	95	5/8	2.38	60

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

167HY

Male Inverted SAE 45° - Swivel - 45° Elbow



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#							
Part Number	Thread inch	Hose I.D. inch	inch	mm	E inch	mm	W inch
167HY-6-6	5/8x18	3/8	4.16	106	0.94	24	5/8
							inch
							mm
							inch
							mm

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Use with hoses: 801, 836, 611HT

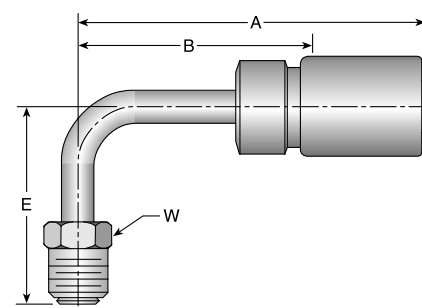
Catalog 4400 US

169HY

Male Inverted SAE 45° - Swivel - 90° Elbow

#			A		E			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
169HY-5-4	1/2x20	1/4	3.52	89	1.66	42	1/2	2.16	55
169HY-6-6	5/8x18	3/8	4.03	102	1.69	43	5/8	2.69	68

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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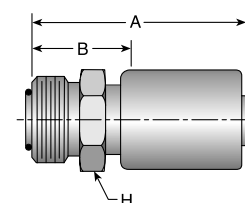
1JOHY

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

SAE J516 (Apr2016)

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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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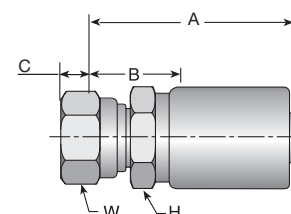
1JCHY

Female Seal-Lok® - Swivel - Short

ISO 12151-1 - SWSA

#			A		C				B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	inch	mm
1JCHY-4-4	9/16x18	1/4	2.61	66	0.31	7.8	9/16	11/16	0.94	24
1JCHY-6-6	11/16x16	3/8	2.69	68	0.34	8.7	11/16	13/16	0.94	24
1JCHY-8-8	13/16x16	1/2	2.91	74	0.43	11.0	7/8	15/16	1.13	29
1JCHY-12-12	1-3/16x12	3/4	3.31	84	0.55	14.0	1-1/4	1-3/8	1.13	29

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



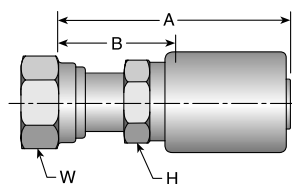
view on web page

See Accessories Section for O-Rings.

Use with hoses: 801, 836, 611HT

1JSHY

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



view on web page

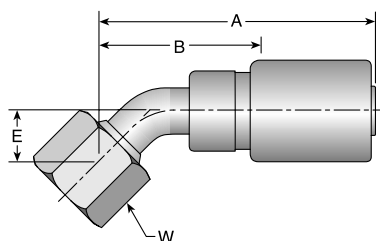
#			A				B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	H inch	W inch	inch	mm
1JSHY-4-4	9/16x18	1/4	2.59	66	9/16	11/16	1.25	32
1JSHY-6-4	11/16x16	1/4	2.67	68	5/8	13/16	1.31	33
1JSHY-6-5	11/16x16	5/16	2.70	69	5/8	13/16	1.34	34
1JSHY-6-6	11/16x16	3/8	2.75	70	11/16	13/16	1.34	34
1JSHY-8-6	13/16x16	3/8	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



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1J7HY

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



view on web page

#			A		E			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	W 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-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-12-12	1-3/16x12	3/4	3.82	97	0.83	21	1-3/8	2.29	58
1J7HY-16-16	1-7/16x12	1	4.55	116	0.97	25	1-5/8	2.94	75



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See Accessories Section for O-Rings.

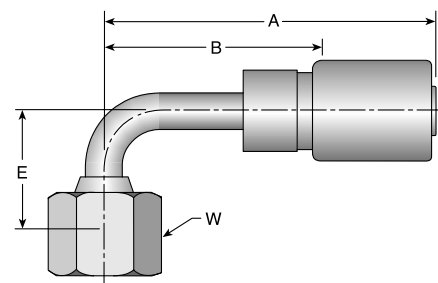
1J9HY

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

#			A		E			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
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-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-12-10	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



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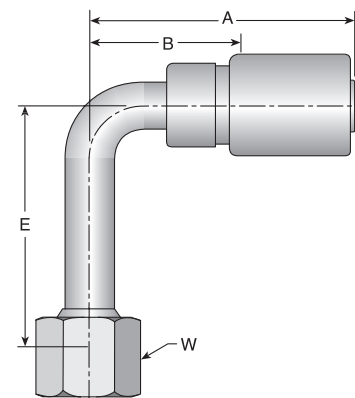
1J1HY

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

#			A		E			B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
1J1HY-4-4	9/16x18	1/4	2.68	68	1.81	46	11/16	1.41	36
1J1HY-6-6	11/16x16	3/8	2.76	70	2.13	54	13/16	1.49	38
1J1HY-8-8	13/16x16	1/2	2.94	75	2.52	64	15/16	1.65	42
1J1HY-10-10	1x14	5/8	3.42	87	2.76	70	1-1/8	2.03	52



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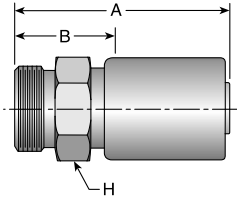
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See Accessories Section for O-Rings.

Use with hoses: 801, 836, 611HT

1D0HY

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



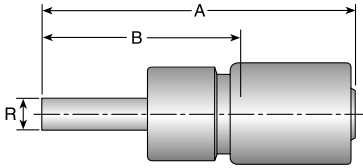
view on web page

#	Thread		Hose I.D.	A		H	B	
Part Number	mm		inch	inch	mm	mm	inch	mm
1D0HY-15-6	15	M22x1.5	3/8	2.52	64	24	1.16	29

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13DHY

Male Standpipe Metric S - Rigid End Connection per ISO 8434-1-SDS



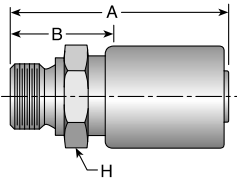
view on web page

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

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1D9HY

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



view on web page

#	Thread	Hose I.D.	A		H	B	
Part Number	inch	inch	inch	mm	inch	inch	mm
1D9HY-8-8	1/2x14	1/2	2.83	72	1-1/16	1.47	37

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

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

1GUHY

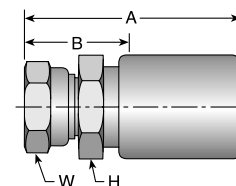
Female BSP Parallel Pipe - Swivel - (60° Cone)

ISO 228-1

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



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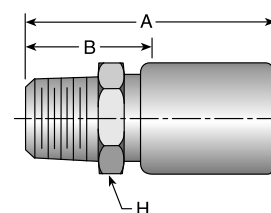
1UTHY

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

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



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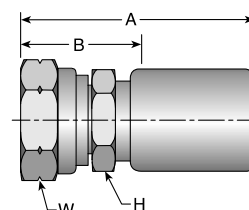
1XUHY

Female Metric Swivel - (30° Flare)

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



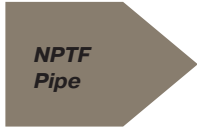
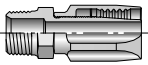
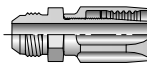
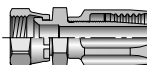
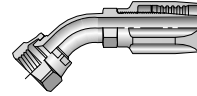
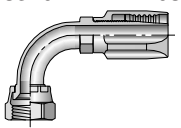
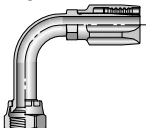
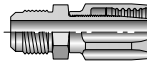
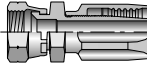
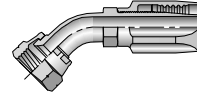
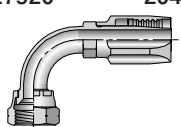
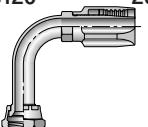
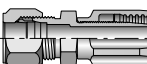
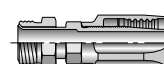
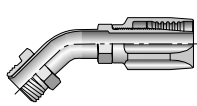
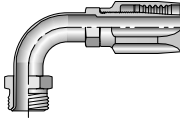
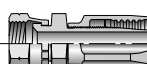
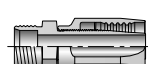
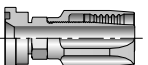
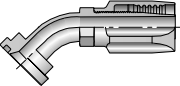
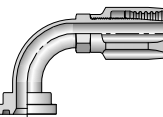
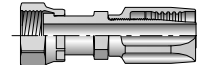
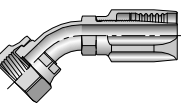
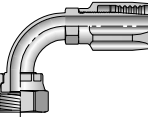
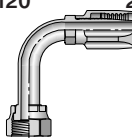
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Use with hoses: 801, 836, 611HT

20 Series Fittings

 NPTF Pipe	20120 201  <i>Male - Rigid</i>	 JIC 37°	20320 201  <i>Male - Rigid</i>	20620 202  <i>Female - Swivel</i>	23720 202  <i>Female - Swivel 45° Elbow - Short</i>
23920 203  <i>Female - Swivel 90° Elbow - Short</i>	24120 203  <i>Female - Swivel 90° Elbow - Long</i>	 SAE 45°	20420 203  <i>Male - Rigid</i>	20820 204  <i>Female - Swivel</i>	27720 204  <i>Female - Swivel 45° Elbow</i>
27920 204  <i>Female - Swivel 90° Elbow</i>	28120 205  <i>Female - Swivel 90° Elbow - Long</i>	 Flareless	21120 205  <i>Male - Rigid</i>	 Inverted Flare	22820 205  <i>Male - Swivel</i>
26720 205  <i>Male - Swivel 45° Elbow</i>	26920 206  <i>Male - Swivel 90° Elbow</i>	 PTT 30°	23220 206  <i>Female - Swivel</i>	 Compression	26120 206  <i>Male (without Nut or Sleeve)</i>
 Code 61 Flange	21520 206  <i>Flange</i>	21720 206  <i>45° Elbow</i>	21920 207  <i>90° Elbow</i>	 Seal-Lok® (O-Ring Face Seal)	2JS20 207  <i>Female - Swivel Long</i>
2J720 208  <i>Female - Swivel 45° Elbow</i>	2J920 208  <i>Female - Swivel 90° Elbow - Short</i>	2J120 208  <i>Female - Swivel 90° Elbow - Long</i>	 Assembly Instructions	20 Series 209 <i>Assembly Instructions</i>	

Use with hoses: 201, 206, 266,
221FR and SS25UL

Catalog 4400 US

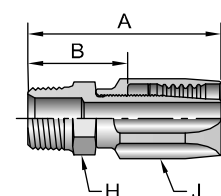
20120

Male NPTF Pipe - Rigid

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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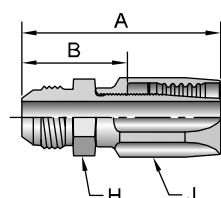
20320

Male JIC 37° - Rigid

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



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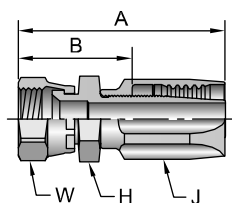


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Use with hoses: 201, 206, 266,
221FR and SS25UL

20620

Female JIC 37° - Swivel



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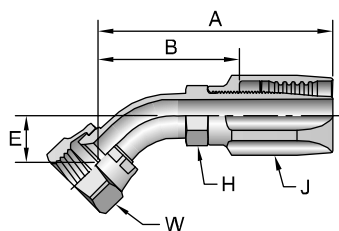
#	Thread	Hose I.D.	A	H	J	W	B	Additional Material
Part Number	inch	inch	inch mm	inch	inch	inch	inch mm	Stainless Steel (C)
20620-4-4	1/4 7/16x20	3/16	1.94 49	9/16	5/8	9/16	1.16 29	•
20620-4-5	1/4 7/16x20	1/4	2.04 52	9/16	11/16	9/16	1.21 31	
20620-5-5	5/16 1/2x20	1/4	2.12 54	5/8	11/16	5/8	1.29 33	
20620-6-5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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

23720

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



view on web page

#	Thread	Hose I.D.	A	E	H	J	W	B
Part Number	inch	inch	inch mm	inch mm	inch	inch	inch	inch mm
23720-4-4	1/4 7/16x20	3/16	2.08 53	0.33 8	3/8	5/8	9/16	1.30 33
23720-5-5	5/16 1/2x20	1/4	2.36 60	0.39 10	1/2	11/16	5/8	1.55 39
23720-6-6	3/8 9/16x18	5/16	2.45 62	0.39 10	1/2	13/16	11/16	1.53 39
23720-8-6	1/2 3/4x16	5/16	2.77 70	0.55 14	5/8	13/16	7/8	1.85 47
23720-10-10	5/8 7/8x14	1/2	3.35 85	0.63 16	7/8	1-1/8	1	2.14 54
23720-12-12	3/4 1-1/16x12	5/8	3.94 100	0.79 20	7/8	1-1/4	1-1/4	2.44 62
23720-16-16	1 1-5/16x12	7/8	3.73 95	0.90 23	1-1/8	1-7/16	1-1/2	2.54 65
23720-20-20	1-1/4 1-5/8x12	1-1/8	4.17 106	1.19 30	1-1/2	1-3/4	2	2.89 73



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Use with hoses: 201, 206, 266,
221FR and SS25UL

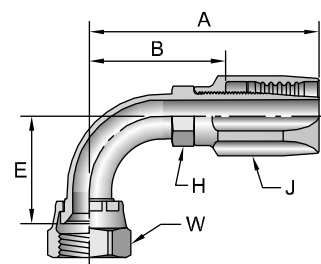
23920

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

#														
Part Number	Thread		Hose I.D.	A		E		H	J	W	B			
	inch		inch	inch	mm	inch	mm	inch	inch	inch	inch	mm	inch	mm
23920-4-4	1/4	7/16x20	3/16	1.91	49	0.83	21	3/8	5/8	9/16	1.13	29		
23920-5-5	5/16	1/2x20	1/4	2.28	58	0.83	21	1/2	11/16	5/8	1.47	37		
23920-6-6	3/8	9/16x18	5/16	2.35	60	0.90	23	1/2	13/16	11/16	1.43	36		
23920-8-8	1/2	3/4x16	13/32	2.88	73	1.09	28	5/8	15/16	7/8	1.79	45		
23920-10-10	5/8	7/8x14	1/2	3.20	81	1.26	32	7/8	1-1/8	1	1.98	50		
23920-12-12	3/4	1-1/16x12	5/8	3.86	98	1.82	46	7/8	1-1/4	1-1/4	2.36	60		
23920-16-16	1	1-5/16x12	7/8	3.69	94	2.14	54	1-1/8	1-7/16	1-1/2	2.50	64		
23920-20-20	1-1/4	1-5/8x12	1-1/8	4.01	102	2.59	66	1-1/2	1-3/4	2	2.73	69		
23920-24-24	1-1/2	1-7/8x12	1-3/8	4.43	113	2.82	72	1-3/4	2	2-1/4	3.06	78		



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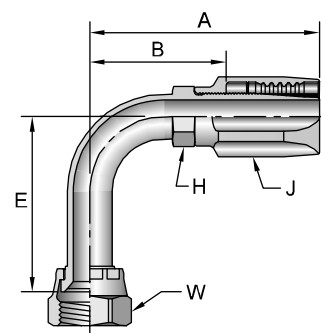
24120

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

#														
Part Number	Thread		Hose I.D.	A		E		H	J	W	B			
	inch		inch	inch	mm	inch	mm	inch	inch	inch	inch	mm	inch	mm
24120-4-4	1/4	7/16x20	3/16	2.08	53	1.80	46	3/8	5/8	9/16	1.30	33		
24120-6-6	3/8	9/16x18	5/16	2.34	59	2.18	55	1/2	13/16	11/16	1.42	36		
24120-8-8	1/2	3/4x16	13/32	2.95	75	2.43	62	5/8	15/16	7/8	1.86	47		
24120-10-10	5/8	7/8x14	1/2	3.27	83	2.76	70	7/8	1-1/8	1	2.05	52		
24120-12-12	3/4	1-1/16x12	5/8	3.78	96	3.74	95	7/8	1-1/4	1-1/4	2.28	58		



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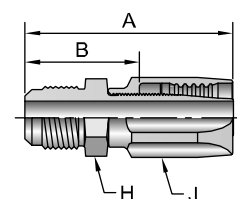
20420

Male SAE 45° - Rigid

#											
Part Number	Thread		Hose I.D.	A		H	J	B			
	inch		inch	inch	mm	inch	inch	inch	mm	inch	mm
20420-4-4	1/4	7/16x20	3/16	1.80	46	1/2	5/8	1.02	26		
20420-6-6	3/8	5/8x18	5/16	2.17	55	11/16	13/16	1.25	32		
20420-8-8	1/2	3/4x16	13/32	2.67	68	13/16	15/16	1.58	40		

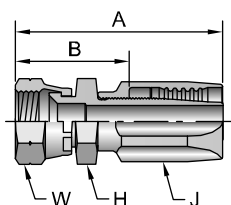


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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Use with hoses: 201, 206, 266,
221FR and SS25UL

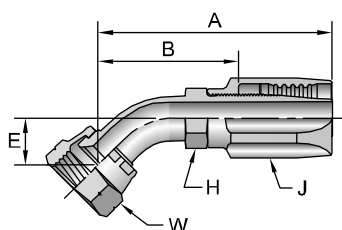
20820**Female SAE 45° - Swivel**

view on web page

#										
Part Number	Thread	Hose I.D.	A	H	J	W	B			
20820-4-4	1/4 7/16x20	3/16	1.94	49	9/16	5/8	9/16	1.16	29	
20820-5-5	5/16 1/2x20	1/4	2.12	54	5/8	11-16	5/8	1.29	33	
20820-6-6	3/8 5/8x18	5/16	2.36	60	3/4	13/16	3/4	1.44	37	
20820-8-8	1/2 3/4x16	13/32	2.79	71	7/8	15/16	7/8	1.70	43	
20820-8-10	1/2 3/4x16	1/2	2.99	76	7/8	1-1/8	7/8	1.77	45	
20820-10-10	5/8 7/8x14	1/2	3.10	79	1	1-1/8	1	1.88	48	
20820-12-12	3/4 1-1/16x14	5/8	3.49	89	1-1/4	1-1/4	1-1/4	1.99	51	



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

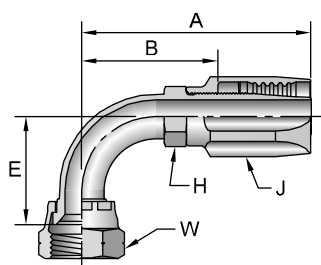
27720**Female SAE 45° - Swivel - 45° Elbow**

view on web page

#										
Part Number	Thread	Hose I.D.	A	E	H	J	W	B		
27720-6-6	3/8 5/8x18	5/16	2.45	62	0.39	10	1/2	13/16	3/4	1.53



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27920**Female SAE 45° - Swivel - 90° Elbow**

view on web page

#										
Part Number	Thread	Hose I.D.	A	E	H	J	W	B		
27920-4-4	1/4 7/16x20	3/16	1.91	49	0.83	21	3/8	5/8	9/16	1.13
27920-6-6	3/8 5/8x18	5/16	2.33	59	0.85	22	1/2	13/16	3/4	1.41
27920-8-8	1/2 3/4x16	13/32	2.86	73	1.09	28	5/8	15/16	7/8	1.77
27920-10-10	5/8 7/8x14	1/2	3.20	81	1.24	31	3/4	1-1/8	1	1.98



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Notch in nut signifies 45° flare.

Use with hoses: 201, 206, 266,
221FR and SS25UL

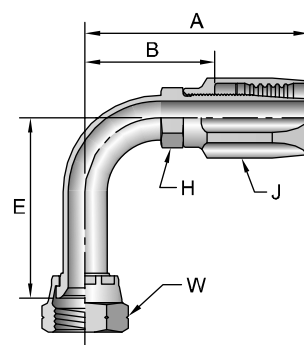
28120**Female SAE 45° - Swivel - 90° Elbow - Long Drop**

#	Thread	Hose I.D.	A		E		H	J	W	B	
Part Number	inch	inch	inch	mm	inch	mm	inch	inch	inch	inch	mm
28120-6-6	3/8 5/8x18	5/16	2.34	59	2.18	55	1/2	13/16	3/4	1.42	36

Notch in nut signifies 45° flare.



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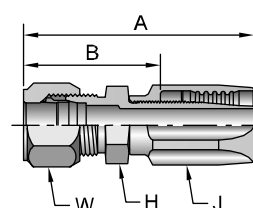
21120**Male Ferulok Flareless - Rigid
(24° Cone with Nut and Ferrule)**

#	Thread	Hose I.D.	A		H	J	W	B	
Part Number	inch	inch	inch	mm	inch	inch	inch	inch	mm
21120-8-8	1/2 3/4x16	13/32	2.52	64	13/16	15/16	7/8	1.43	36

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



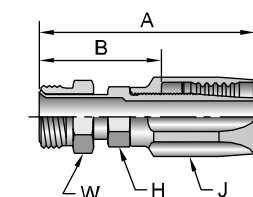
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22820**Male Inverted SAE 45° - Swivel**

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



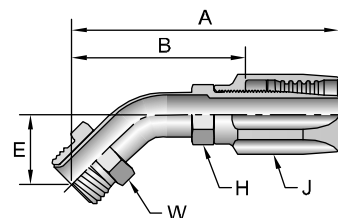
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26720**Male Inverted SAE 45° - Swivel - 45° Elbow**

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

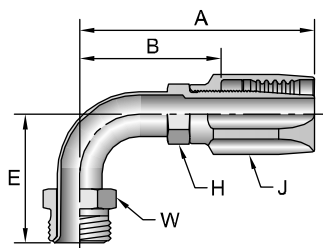


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Use with hoses: 201, 206, 266,
221FR and SS25UL

26920

Male Inverted SAE 45° - Swivel - 90° Elbow



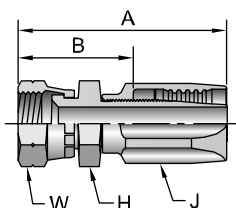
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#											
Part Number	Thread inch	Hose I.D. inch	A inch	mm	E inch	mm	H inch	J inch	W inch	B inch	mm
26920-4-4	1/4 7/16x24	3/16	2.29	58	1.56	40	3/8	5/8	7/16	1.51	38
26920-5-5	5/16 1/2x20	1/4	2.55	65	1.65	42	7/16	11/16	1/2	1.72	44
26920-6-6	3/8 5/8x18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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

23220

Female PTT 30° - Swivel



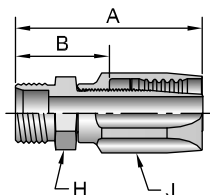
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#									
Part Number	Thread inch	Hose I.D. inch	A		H	J	W	B	
			inch	mm	inch	inch	inch	inch	mm
23220-16-16	1 1-5/16x14	7/8	2.98	76	1-1/2	1-7/16	1-1/2	1.79	45

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26120

Male SAE Compression Seat (without Nut or Sleeve)



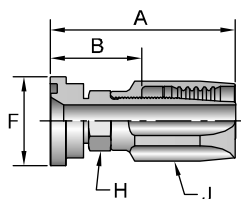
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#								
Part Number	Thread inch	Hose I.D. inch	A inch	mm	H inch	J inch	B inch	mm
26120-10-10	5/8 13/16x18	1/2	2.64	67	7/8	1-1/8	1.42	36

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

21520

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



[view on web page](#)

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

See Accessories Section for O-Rings and Flange Kits.

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Use with hoses: 201, 206, 266,
221FR and SS25UL

Catalog 4400 US

21720

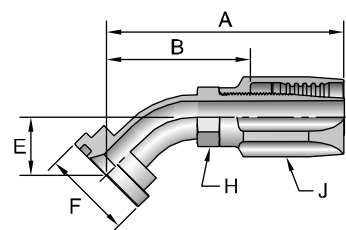
SAE Code 61 Flange Head - 45° Elbow

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

#			A		E					B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	inch	inch	mm
21720-20-20	1-1/4	1-1/8	4.10	104	1.12	28	2	1-1/2	1-3/4	2.82	72



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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21920

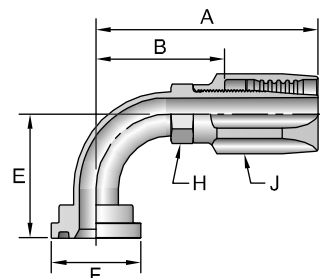
SAE Code 61 Flange Head - 90° Elbow

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

#			A		E					B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	inch	inch	mm
21920-32-32	2	1-13/16	5.44	138	3.19	81	2-13/16	2-1/4	2-1/2	3.70	94
21920-40-40	2-1/2	2-3/8	6.18	157	3.75	95	3-5/16	2-3/4	3-1/8	4.37	111



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2JS20

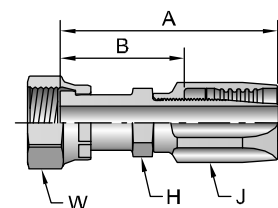
Female Seal-Lok® - Swivel - Long

ISO 12151-1 - SWSB

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



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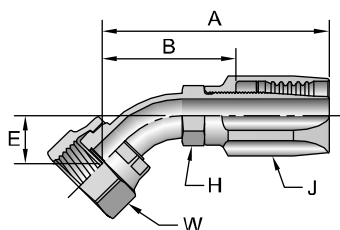
[view on web page](#)

See Accessories Section for O-Rings and Flange Kits.

Use with hoses: 201, 206, 266,
221FR and SS25UL

2J720

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



[view on web page](#)

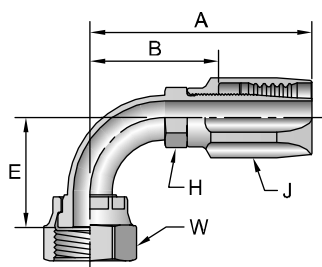
#												
Part Number	Thread	Hose I.D.	A	E	H	J	W	B				
2J720-4-4	1/4 9/16x18	3/16	2.24 57	0.41 10	7/16	5/8	11/16	1.46 37				
2J720-6-6	3/8 11/16x16	5/16	2.52 64	0.43 11	1/2	13/16	13/16	1.60 41				
2J720-8-8	1/2 13/16x16	13/32	3.19 81	0.59 15	5/8	15/16	15/16	2.10 53				
2J720-10-10	5/8 1x14	1/2	3.46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



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2J920

Female Seal-Lok® - Swivel 90° Elbow - Short Drop ISO 12151-1 - SWE90

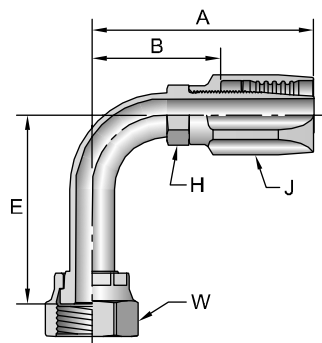


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#												
Part Number	Thread	Hose I.D.	A	E	H	J	W	B				
2J920-4-4	1/4 9/16x18	3/16	2.22 56	0.82 21	7/16	5/8	11/16	1.44 37				
2J920-6-6	3/8 11/16x16	5/16	2.39 61	0.90 23	1/2	13/16	13/16	1.47 37				
2J920-8-8	1/2 13/16x16	13/32	2.91 74	1.15 29	5/8	15/16	15/16	1.82 46				
2J920-10-10	5/8 1x14	1/2	3.20 81	1.26 32	15/16	1-1/8	1-1/8	1.98 20				
2J920-12-12	3/4 1-3/16x12	5/8	3.74 95	1.85 47	7/8	1-1/4	1-3/8	2.24 57				

2J120

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



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#												
Part Number	Thread	Hose I.D.	A	E	H	J	W	B				
2J120-6-6	3/8 11/16x16	5/16	2.48 63	2.13 54	1/2	13/16	13/16	1.56 40				
2J120-8-8	1/2 13/16x16	13/32	2.93 74	2.52 64	3/4	15/16	15/16	1.88 48				

See Accessories Section for O-Rings.

20 Series

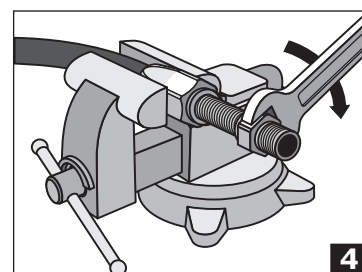
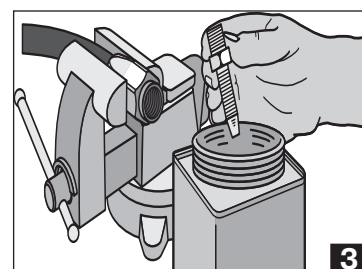
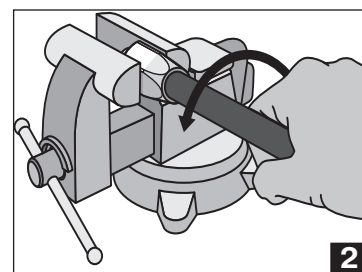
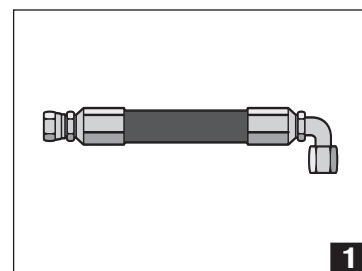
Hose Assembly Instructions

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

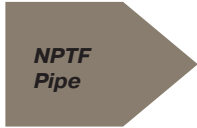
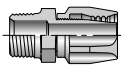
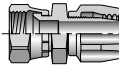
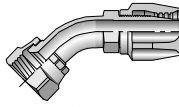
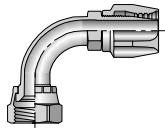
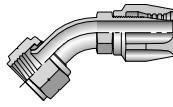
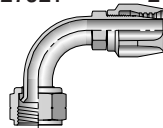
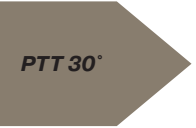
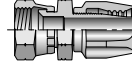
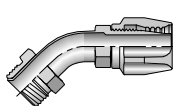
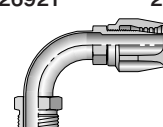
Inspection. Examine hose assembly internally for cut or bulged tube, obstructions and cleanliness. Clean ID of hose as necessary. Swivel nuts should turn freely. Check the layline of the hose to be sure the assembly is not twisted. Cap the ends of the assembly to keep clean.

Special Instructions for stainless steel fittings. When assembling fittings made with 316 stainless steel, lubricate the threads of both the socket and nipple with Accrolube High Efficiency Lubricant (see Section 3) or equivalent metal assembly lubricant.

Note: Disassemble in reverse order.



21 Series Fittings

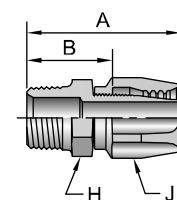
 NPTF Pipe	20121 211  <i>Male - Rigid</i>	 JIC 37°	20621 211  <i>Female - Swivel</i>	23721 211  <i>Female - Swivel 45° Elbow - Short</i>	23921 212  <i>Female - Swivel 90° Elbow - Short</i>
 SAE 45°	20821 212  <i>Female - Swivel</i>	27721 212  <i>Female - Swivel 45° Elbow</i>	27921 213  <i>Female - Swivel 90° Elbow</i>	 PTT 30°	23221 213  <i>Female - Swivel</i>
 Inverted Flare	22821 213  <i>Male - Swivel</i>	26721 214  <i>Male - Swivel 45° Elbow</i>	26921 214  <i>Male - Swivel 90° Elbow</i>	 Assembly Instructions	21 Series 215 <i>Assembly Instructions</i>

20121

Male NPTF Pipe - Rigid

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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



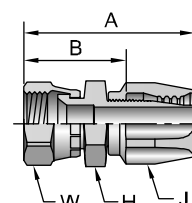
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20621

Female JIC 37° - Swivel

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

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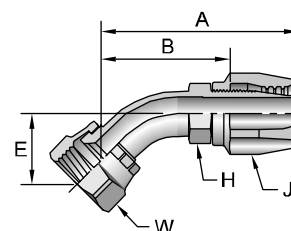
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23721

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

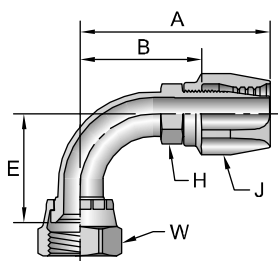
#												
Part Number	Thread inch		Hose I.D. inch	A inch mm		E inch mm		H inch	J inch	W inch	B inch mm	
23721-4-4	1/4	7/16x20	3/16	2.11	54	0.39	10	3/8	9/16	9/16	1.43	36
23721-6-6	3/8	9/16x18	5/16	2.26	57	0.40	10	1/2	3/4	11/16	1.48	38
23721-8-8	1/2	3/4x16	13/32	2.79	71	0.59	15	11/16	7/8	7/8	1.87	47
23721-10-10	5/8	7/8x14	1/2	2.97	75	0.63	16	7/8	1-1/16	1	1.97	50
23721-12-12	3/4	1-1/16x12	5/8	3.30	84	0.83	21	7/8	1-1/4	1-1/4	2.22	56
23721-16-16	1	1-5/16x12	7/8	3.44	87	0.90	23	1-1/8	1-7/16	1-1/2	2.45	62

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Use with hoses: 213, 293

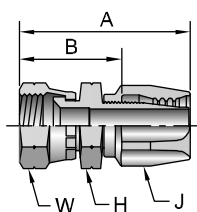
23921**Female JIC 37° - Swivel - 90° Elbow - Short Drop**

view on web page

#			A		E					B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	inch	inch	mm
23921-4-4	1/4 7/16x20	3/16	1.88	48	0.83	21	3/8	9/16	9/16	1.20	30
23921-5-5	5/16 1/2x20	1/4	2.07	53	0.83	21	1/2	5/8	5/8	1.33	34
23921-6-6	3/8 9/16x18	5/16	2.15	55	0.85	22	1/2	3/4	11/16	1.37	35
23921-8-8	1/2 3/4x16	13/32	2.49	63	1.14	29	11/16	7/8	7/8	1.57	40
23921-10-10	5/8 7/8x14	1/2	2.78	71	1.26	32	7/8	1-1/16	1	1.78	45
23921-12-12	3/4 1-1/16x12	5/8	2.88	73	1.89	48	7/8	1-1/4	1-1/4	1.80	46
23921-16-16	1 1-5/16x12	7/8	3.40	86	2.14	54	1-1/8	1-7/16	1-1/2	2.41	61
23921-20-20	1-1/4 1-5/8x12	1-1/8	3.64	92	2.59	66	1-3/8	1-3/4	2	2.60	66



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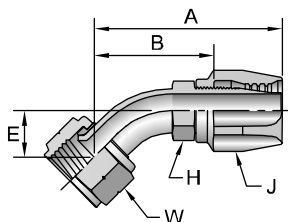
20821**Female SAE 45° - Swivel**

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

27721**Female SAE 45° - Swivel - 45° Elbow**

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Notch in nut signifies 45° flare.

#			A		E					B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	inch	inch	mm
27721-6-6	3/8 5/8x18	5/16	2.26	57	0.40	10	1/2	3/4	3/4	1.48	38



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

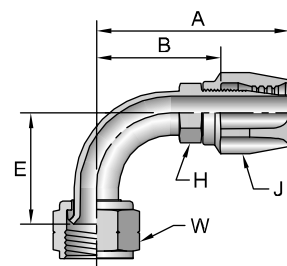
27921**Female SAE 45° - Swivel - 90° Elbow**

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

Notch in nut signifies 45° flare.



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



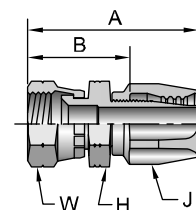
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23221**Female PTT 30° - Swivel**

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



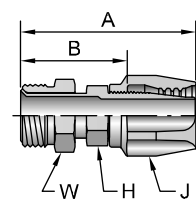
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22821**Male Inverted SAE 45° - Swivel**

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

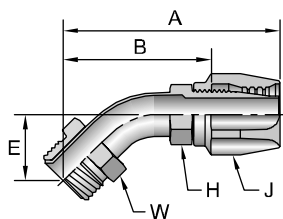


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



[view on web page](#)

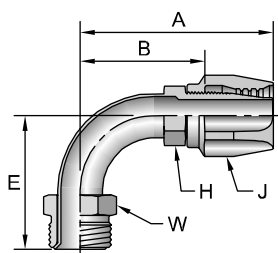
Notch in nut signifies 45° flare.

26721**Male Inverted SAE 45° - Swivel - 45° Elbow**

[view on web page](#)

#										
Part Number	Thread	Hose I.D.	A	E	H	J	W	B		
26721-6-6	3/8 5/8x18	5/16	2.73 69	0.94 24	1/2	3/4	5/8	1.95	50	

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

26921**Male Inverted SAE 45° - Swivel - 90° Elbow**

[view on web page](#)

#										
Part Number	Thread	Hose I.D.	A	E	H	J	W	B		
26921-5-5	5/16 1/2x20	1/4	2.25 57	1.65 42	7/16	5/8	1/2	1.51	38	
26921-6-6	3/8 5/8x18	5/16	2.37 60	1.63 41	1/2	3/4	5/8	1.59	40	
26921-8-8	1/2 3/4x18	13/32	2.63 67	1.78 45	5/8	7/8	3/4	1.71	43	

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

21 Series

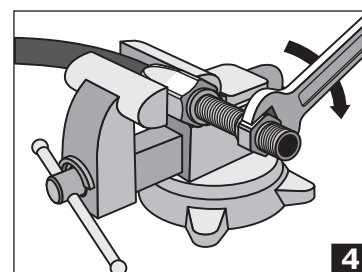
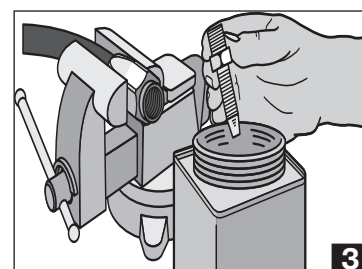
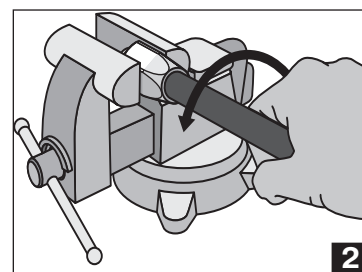
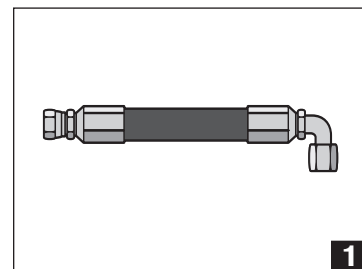
Hose Assembly Instructions

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

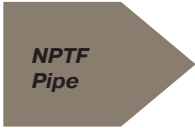
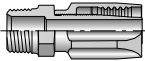
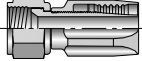
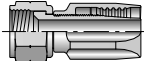
Inspection. Examine hose assembly internally for cut or bulged tube, obstructions and cleanliness. Clean ID of hose as necessary. Swivel nuts should turn freely. Check the layline of the hose to be sure the assembly is not twisted. Cap the ends of the assembly to keep clean.

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

Note: Disassemble in reverse order.



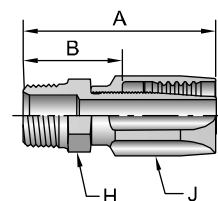
22 Series Fittings

 NPTF Pipe	20122 217  <i>Male - Rigid</i>	 JIC 37°	20622 217  <i>Female - Swivel</i>	 SAE 45°	20822 217  <i>Female - Swivel</i>
 Assembly Instructions	22 Series 218 <i>Assembly Instructions</i>				

20122**Male NPTF Pipe - Rigid**

#			A				B		Additional Material Brass (B)
Part Number	Thread inch	Hose I.D. inch	inch	mm	H inch	J inch	inch	mm	
20122-4-6	1/4x18	5/16	2.11	54	9/16	13/16	1.19	30	•

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

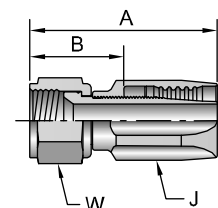


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20622**Female JIC 37° - Swivel**

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

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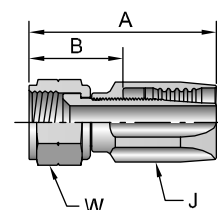


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20822**Female SAE 45° - Swivel**

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

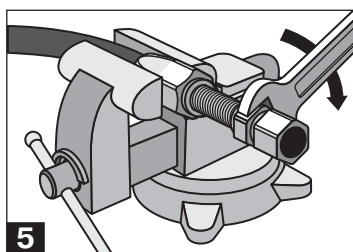
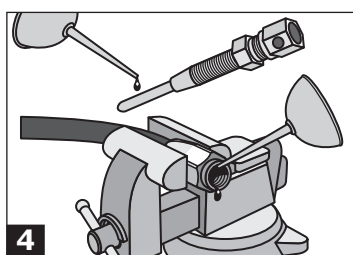
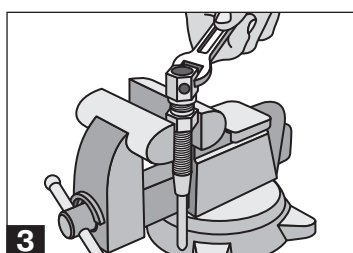
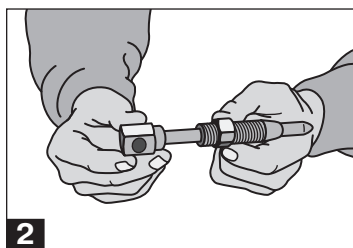
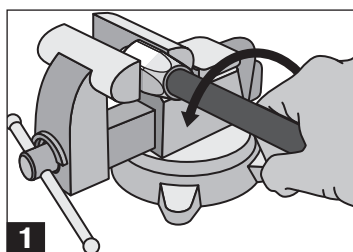
WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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Notch in nut for SAE (45°) flare.

Use with hoses: 201, 206,
221FR, 266, SS25UL



22 Series

Mandrel Assembly Instructions

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

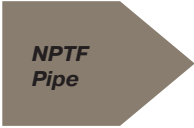
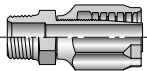
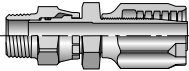
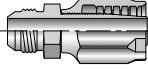
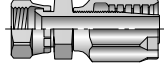
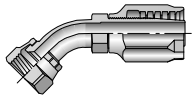
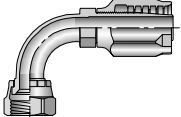
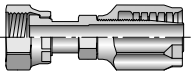
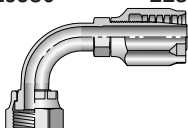
Note: Disassemble in reverse order.

Caution: Do Not Attempt to Assemble These Fittings to the Hose Without Using a Mandrel.

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

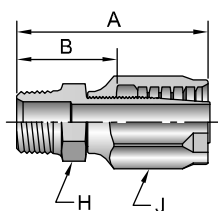
Special Instructions for Refrigerant Hose. Oil inside of hose and nipple threads liberally with the same oil used in refrigeration system. Do not oil hose cover. Do not allow hose to contact any petroleum base fluids.

30 Series Fittings

 NPTF Pipe	 20130 220 <i>Male - Rigid</i>	 21330 220 <i>Male - Swivel</i>	 JIC 37°	 20330 221 <i>Male - Rigid</i>	 20630 221 <i>Female - Swivel</i>
 23730 222 <i>Female - Swivel 45° Elbow - Short</i>	 23930 222 <i>Female - Swivel 90° Elbow - Short</i>	 Seal-Lok® O-Ring Face Seal	 2JS30 223 <i>Female - Swivel Long</i>	 2J930 223 <i>Female - Swivel 90° Elbow - Short</i>	 Assembly Instructions
30 Series 224 <i>Assembly Instructions</i>					

20130

Male NPTF Pipe - Rigid



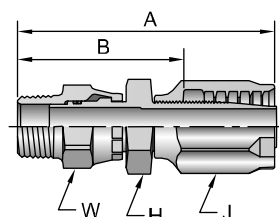
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#			A				B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	H inch	J inch	inch	mm
20130-2-4	1/8x27	1/4	2.19	56	9/16	3/4	1.23	31
20130-4-4	1/4x18	1/4	2.38	60	9/16	3/4	1.42	36
20130-6-6	3/8x18	3/8	2.58	66	3/4	15/16	1.44	37
20130-8-8	1/2x14	1/2	3.11	79	7/8	1-1/16	1.77	45
20130-12-12	3/4x14	3/4	3.20	81	1-1/8	1-3/8	1.77	45
20130-16-16	1x11-1/2	1	3.74	95	1-3/8	1-3/4	2.03	52

 **WARNING:** The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

21330

Male NPTF Pipe - Swivel



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#			A					B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	H inch	J inch	W inch	inch	mm
21330-6-6	3/8x18	3/8	3.67	93	7/8	15/16	3/4	2.53	64
21330-8-8	1/2x14	1/2	4.20	107	1	1-1/16	7/8	2.86	73

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O-Rings are not compatible with Phosphate Ester fluids.

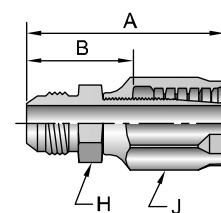
20330

Male JIC 37° - Rigid

# Part Number				A				B	
	Thread inch			inch	mm	inch	inch	inch	mm
20330-4-4	1/4	7/16x20	1/4	2.37	60	9/16	3/4	1.41	36
20330-6-6	3/8	9/16x18	3/8	2.58	66	3/4	15/16	1.44	37
20330-8-8	1/2	3/4x16	1/2	3.02	77	7/8	1-1/16	1.68	43
20330-10-10	5/8	7/8x14	5/8	3.29	84	15/16	1-1/4	1.83	46
20330-12-12	3/4	1-1/16x12	3/4	3.31	84	1-1/8	1-3/8	1.88	48



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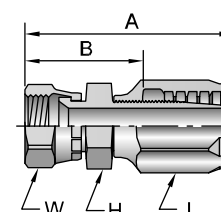
20630

Female JIC 37° - Swivel

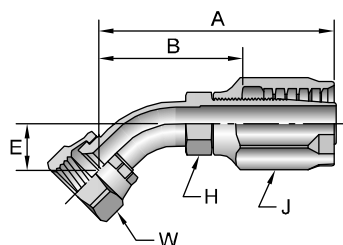
# Part Number				A					B		Additional Material Stainless Steel (C)
	Thread inch			inch	mm	inch	inch	inch	inch	mm	
20630-4-4	1/4	7/16x20	1/4	2.45	62	9/16	3/4	9/16	1.49	38	•
20630-5-4	5/16	1/2x20	1/4	2.52	64	5/8	3/4	5/8	1.56	40	
20630-6-4	3/8	9/16x18	1/4	2.54	65	11/16	3/4	11/16	1.58	40	
20630-6-6	3/8	9/16x18	3/8	2.74	70	11/16	15/16	11/16	1.60	41	
20630-8-8	1/2	3/4x16	1/2	3.20	81	7/8	1-1/16	7/8	1.86	47	•
20630-10-8	5/8	7/8x14	1/2	3.30	84	1	1-1/16	1	1.96	50	
20630-10-10	5/8	7/8x14	5/8	3.54	90	1	1-1/4	1	2.08	53	
20630-16-16	1	1-5/16x12	1	3.94	100	1-1/2	1-3/4	1-1/2	2.23	57	
20630-20-20	1-1/4	1-5/8x12	1-1/4	4.96	126	2	2-1/4	2	2.83	72	



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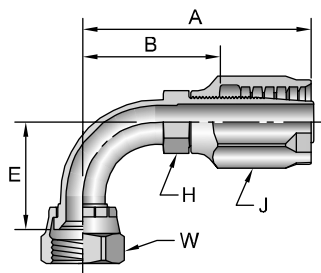
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23730**Female JIC 37° - Swivel - 45° Elbow - Short Drop**
[view on web page](#)

#										
Part Number	Thread inch	Hose I.D. inch	A inch	E inch	H inch	J inch	W inch	B inch		
23730-12-12	3/4 1-1/16x12	3/4	3.93	100	0.79	20	15/16	1-3/8	1-1/4	2.50 64



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23930**Female JIC 37° - Swivel - 90° Elbow - Short Drop**
[view on web page](#)

#										
Part Number	Thread inch	Hose I.D. inch	A inch	E inch	H inch	J inch	W inch	B inch		
23930-6-6	3/8 9/16x18	3/8	2.95	75	0.91	23	9/16	15/16	11/16	1.81 46
23930-8-8	1/2 3/4x16	1/2	3.40	86	1.14	29	11/16	1-1/16	7/8	2.06 52



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

2JS30

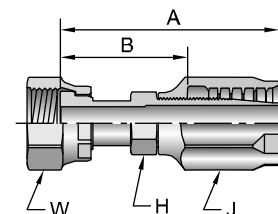
Female Seal-Lok® - Swivel - Long

ISO 12151-1 - SWSB

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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2J930

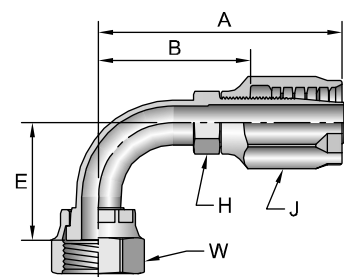
Female Seal-Lok® - Swivel - 90° Elbow - Short Drop

ISO 12151-1 - SWES90

#			A		E					B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	H	J	W	inch	mm
2J930-4-4	1/4	9/16x18	2.83	72	0.82	21	7/16	3/4	11/16	1.87	47
2J930-8-8	1/2	13/16x16	3.40	86	1.14	29	3/4	1-1/16	15/16	2.06	52

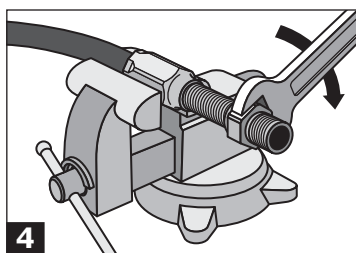
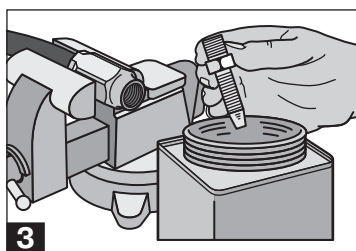
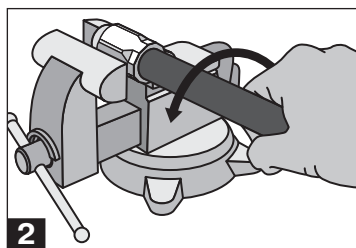
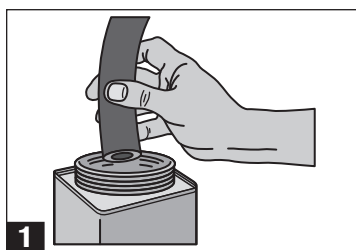


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



view on web page

See Accessories Section for O-Rings.



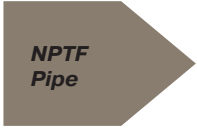
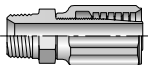
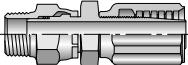
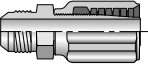
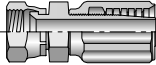
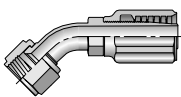
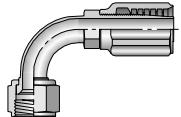
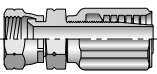
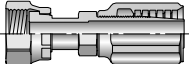
30 Series

Hose Assembly Instructions

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

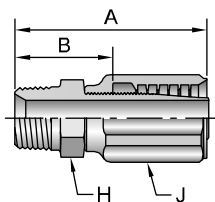
Note: Disassemble in reverse order.

42 Series Fittings

 NPTF Pipe	20142 226  <i>Male - Rigid</i>	21342 226  <i>Male - Swivel</i>	 JIC 37°	20342 226  <i>Male - Rigid</i>	20642 227  <i>Female - Swivel</i>
23742 227  <i>Female - Swivel 45° Elbow - Short</i>	23942 227  <i>Female - Swivel 90° Elbow - Short</i>	 SAE	20842 228  <i>Female - Swivel</i>	 Seal-Lok® O-Ring Face Seal	2JS42 228  <i>Female - Swivel Long</i>
 Assembly Instructions	42 Series 229 <i>Assembly Instructions</i>				

20142

Male NPTF Pipe - Rigid



view on web page

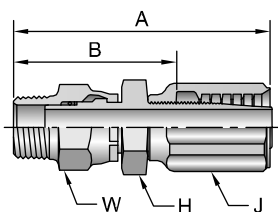
#			A				B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	H inch	J inch	inch	mm
20142-2-4	1/8x27	1/4	2.17	55	9/16	11/16	1.25	32
20142-4-4	1/4x18	1/4	2.36	60	9/16	11/16	1.44	37
20142-4-5	1/4x18	5/16	2.39	61	9/16	13/16	1.44	37
20142-4-6	1/4x18	3/8	2.60	66	11/16	7/8	1.45	37
20142-6-6	3/8x18	3/8	2.60	66	3/4	7/8	1.45	37
20142-8-8	1/2x14	1/2	3.02	77	7/8	1	1.69	43
20142-12-12	3/4x14	3/4	3.23	82	1-1/8	1-3/8	1.75	44



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

21342

Male NPTF Pipe - Swivel



view on web page

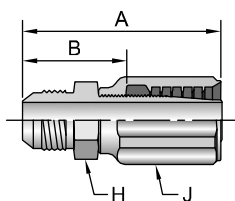
#			A					B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	H inch	J inch	W inch	inch	mm
21342-4-4	1/4x18	1/4	3.40	86	9/16	11/16	5/8	2.48	63
21342-6-6	3/8x18	3/8	3.69	94	7/8	7/8	3/4	2.54	65



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20342

Male JIC 37° - Rigid



view on web page

#			A				B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	H inch	J inch	inch	mm
20342-4-4	1/4 7/16x20	1/4	2.35	60	9/16	11/16	1.43	36
20342-6-6	3/8 9/16x18	3/8	2.60	66	3/4	7/8	1.45	37
20342-8-8	1/2 3/4x16	1/2	2.93	74	7/8	1	1.60	41



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O-Rings are not compatible with Phosphate Ester fluids.

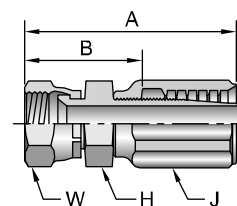
20642

Female JIC 37° - Swivel

#												Additional Material Stainless Steel (C)
Part Number	Thread		Hose I.D.	A		H	J	W	B			
	inch		inch	inch	mm	inch	inch	inch	inch	mm		
20642-4-3	1/4	7/16x20	3/16	2.34	59	9/16	5/8	9/16	1.56	40		
20642-4-4	1/4	7/16x20	1/4	2.43	62	9/16	11/16	9/16	1.51	38		
20642-6-4	3/8	9/16x18	1/4	2.52	64	11/16	11/16	11/16	1.60	41		
20642-6-6	3/8	9/16x18	3/8	2.76	70	11/16	7/8	11/16	1.61	41	•	
20642-8-6	1/2	3/4x16	3/8	2.88	73	7/8	7/8	7/8	1.73	44		
20642-8-8	1/2	3/4x16	1/2	3.11	79	7/8	1	7/8	1.78	45	•	
20642-10-10	5/8	7/8x14	5/8	3.49	89	1	1-1/8	1	2.07	53		
20642-12-12	3/4	1-1/16x12	3/4	3.53	90	1-1/4	1-3/8	1-1/4	2.05	52		
20642-16-16	1	1-5/16x12	1	3.81	97	1-1/2	1-5/8	1-1/2	2.27	58		



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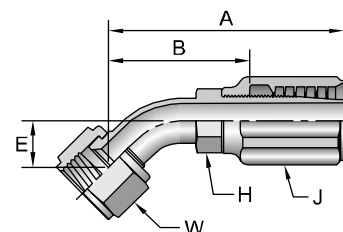
23742

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

#												Additional Material Stainless Steel (C)
Part Number	Thread		Hose I.D.	A		E	H	J	W	B		
	inch		inch	inch	mm	inch	mm	inch	inch	inch	mm	
23742-6-6	3/8	9/16x18	3/8	3.03	77	0.39	10	9/16	7/8	11/16	1.88	48



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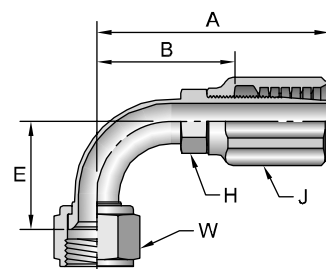
23942

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

#												Additional Material Stainless Steel (C)
Part Number	Thread		Hose I.D.	A		E	H	J	W	B		
	inch		inch	inch	mm	inch	mm	inch	inch	inch	mm	
23942-4-4	1/4	7/16x20	1/4	2.50	64	0.83	21	7/16	11/16	9/16	1.58	40
23942-6-6	3/8	9/16x18	3/8	2.93	74	0.85	22	9/16	7/8	11/16	1.78	45
23942-8-8	1/2	3/4x16	1/2	3.22	82	1.09	28	11/16	1	7/8	1.90	48



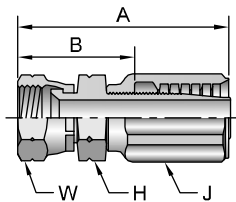
WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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Use with hoses: 422,
436, 482TC, 482ST

20842
Female SAE 45° - Swivel



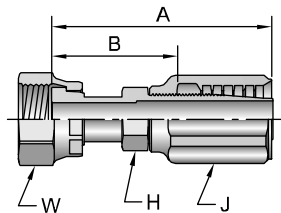
view on web page

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

Notch on nut signifies SAE 45° flare.

 **WARNING:** The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

2JS42
Female Seal-Lok® - Swivel - Long
ISO - 12151-1 - SWSB



view on web page

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

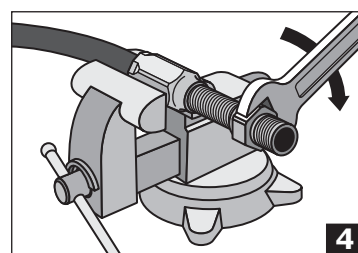
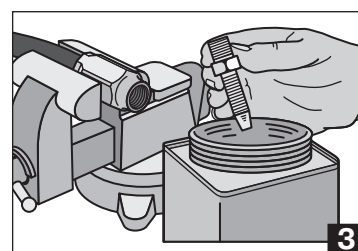
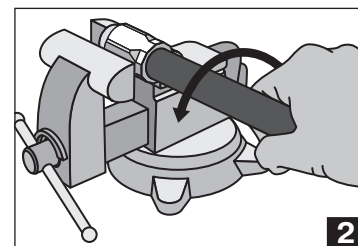
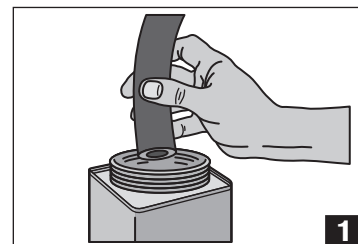
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42 Series

Hose Assembly Instructions

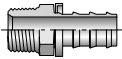
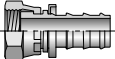
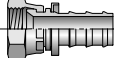
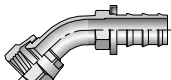
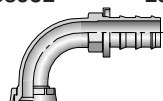
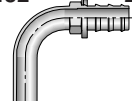
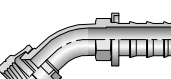
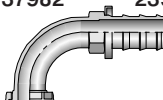
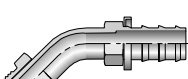
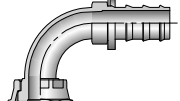
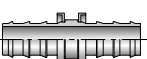
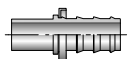
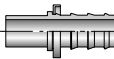
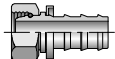
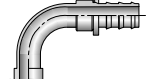
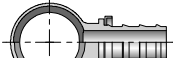
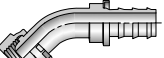
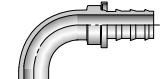
1. Identify over all length (OAL) of hose assembly and the cut off allowance (COA) length of fitting(s) on hose ends by use of the fitting data table. Properly measure, mark and cut hose to desired length using fine tooth hacksaw or a cutoff machine. Dip hose end into oil or heavy oil.
2. Place socket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

Note: Disassemble in reverse order.



Use with hoses: 422,
436, 482TC, 482ST

82 Series Fittings

NPTF Pipe	30182 231  Male - Rigid	31382 231  Male - Swivel	30282 232  Female - Rigid	NPSM Pipe	37G82 232  Female - Swivel Gasket Joint
JIC 37°	30382 232  Male - Rigid	30682 233  Female - Swivel	33782 233  Female - Swivel 45° Elbow - Short	33982 234  Female - Swivel 90° Elbow - Short	34182 234  Female - Swivel 90° Elbow - Long
SAE	30482 234  Male - Rigid	30882 235  Female - Swivel	37782 235  Female - Swivel 45° Elbow	37982 235  Female - Swivel 90° Elbow	Inverted SAE
32882 236  Male - Swivel	36782 236  Male - Swivel 45° Elbow	36982 236  Male - Swivel 90° Elbow	32982 237  Female - Rigid	Seal-Lok® O-Ring Face Seal	3JC82 237  Female - Swivel Short
3J782 237  Female - Swivel 45° Elbow	3J982 238  Female - Swivel 90° Elbow - Short	Union	38282 238  Push-Lok Union	Standpipe	33482 239  Male Standpipe Rigid
Metric L	3D082 239  Male - Rigid	31D82 239  Male Standpipe Rigid	BSP	39282 240  Female - Swivel	3D982 240  Male - Rigid
3B282 240  Female - Swivel 90° Elbow	Banjo	34982 241  Metric - Banjo	AM 241  Banjo Bolt	Metric L Swivels	3CA82 242  Swivel - 24° Cone
3CF82 242  Swivel - 90° Elbow - 24° Cone	3C482 242  Swivel - 45° Elbow - Ball Nose	3C582 243  Swivel - 90° Elbow - Ball Nose	3C382 243  Swivel - Ball Nose	82 Series 244 Assembly Instructions	

Use with hoses: 801, 807, 821, 821FR, 836

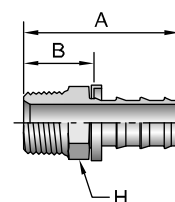
30182

Male NPTF Pipe - Rigid

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



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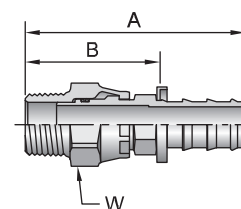
31382

Male NPTF Pipe - Swivel

#			A			B		Additional Material
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	inch	mm	Brass (B)
31382-4-4	1/4x18	1/4	1.60	41	9/16	0.85	22	
31382-6-6	3/8x18	5/16	1.79	45	11/16	0.89	23	
31382-8-8	1/2x14	13/32	2.20	56	7/8	1.15	29	
31382-8-10	1/2x14	1/2	3.50	90	7/8	2.05	52	•
31382-12-12	3/4x14	5/8	3.47	88	1-1/4	2.02	51	



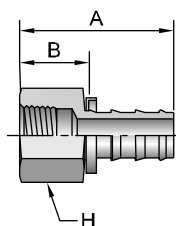
WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



view on web page

O-Ring not compatible with Phosphate Ester fluids.

Use with hoses: 801, 807, 821, 821FR, 836

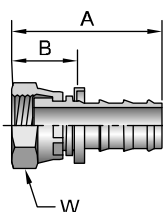
30282**Female NPTF Pipe - Rigid**

view on web page

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

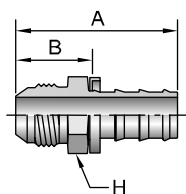
37G82**Female NPSM Pipe - Gasket Joint - Swivel**

view on web page

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

30382**Male JIC 37° - Rigid**

view on web page

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

30682

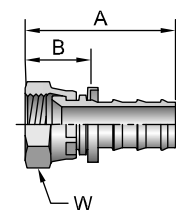
Female JIC 37° - Swivel

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

***NOTE:** These parts are dual seat and may be used for either 37° or 45° flare



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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33782

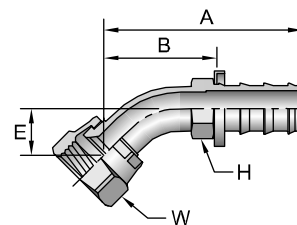
Female JIC 37° - Swivel - 45° Elbow - Short Drop

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

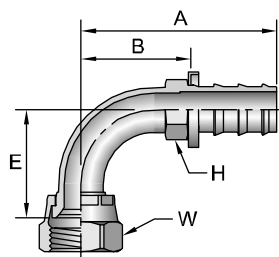
***NOTE:** These parts are dual seat and may be used for either 37° or 45° flare



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



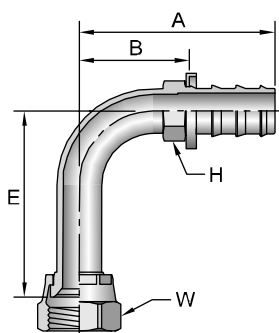
view on web page

33982**Female JIC 37° - Swivel - 90° Elbow - Short Drop**
[view on web page](#)

#										
Part Number	Thread	Hose I.D.	A	E	H	W	B			
	inch	inch	inch mm	inch mm	inch	inch	inch mm			
33982-4-4*	1/4 7/16x20	1/4	1.55 39	0.83 21	---	9/16	0.80 20			
33982-6-6	3/8 9/16x18	3/8	1.86 47	0.91 23	---	11/16	0.95 24			
33982-8-8*	1/2 3/4x16	1/2	2.16 55	1.14 29	5/8	7/8	1.28 32			
33982-10-10*	5/8 7/8x14	5/8	2.76 70	1.26 32	3/4	1	1.31 33			
33982-12-12	3/4 1-1/16x12	3/4	3.27 83	1.89 48	7/8	1-1/4	1.82 46			

***NOTE:** These parts are dual seat and may be used for either 37° or 45° flare

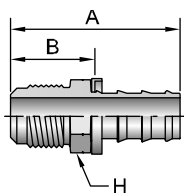
WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

34182**Female JIC 37° - Swivel - 90° Elbow - Long Drop**
[view on web page](#)

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

***NOTE:** These parts are dual seat and may be used for either 37° or 45° flare

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

30482**Male SAE 45° - Rigid**
[view on web page](#)

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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Notch in nut signifies 45° flare.

Use with hoses: 801, 807, 821, 821FR, 836

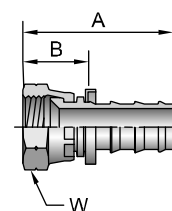
30882***Female SAE 45° - Swivel**

#			A		W		B		Additional Material Brass (B)
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	mm	
30882-6-6	3/8	5/8x18	3/8	1.81	46	3/4	0.91	23	•
30882-12-12	3/4	1-1/16x14	3/4	2.65	67	1-1/4	1.20	30	•

***NOTE:** Additional sizes are available with dual 37° and 45° seats in the 30682 section.



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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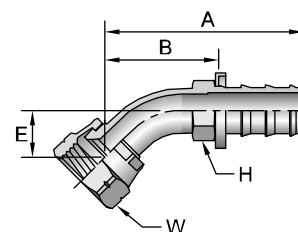
37782***Female SAE 45° - Swivel - 45° Elbow**

#			A		E				B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	inch	mm
37782-6-6	3/8	5/8x18	2.08	53	0.39	10	1/2	3/4	1.18	30

***NOTE:** Additional sizes are available with dual 37° and 45° seats in the 33782 section.



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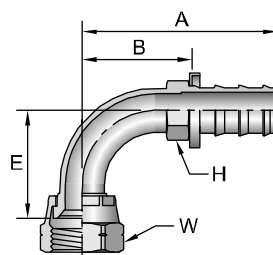
37982***Female SAE 45° - Swivel - 90° Elbow**

#			A		E				B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	inch	mm
37982-6-6	3/8	5/8x18	1.98	50	0.85	22	1/2	3/4	1.08	27

***NOTE:** Additional sizes are available with dual 37° and 45° seats in the 33982 section.



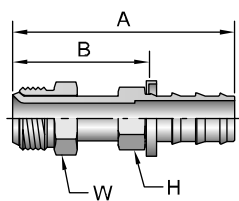
WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



[view on web page](#)

Notch in nut signifies 45° flare.

Use with hoses: 801, 807, 821, 821FR, 836

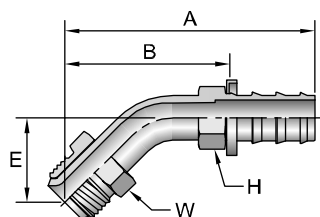
32882**Male Inverted SAE 45° - Swivel**

view on web page

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

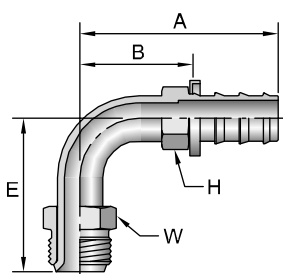
36782**Male Inverted SAE 45° - Swivel - 45° Elbow**

view on web page

#			A		E				B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	inch	mm
36782-6-6	3/8 5/8x18	3/8	2.64	67	0.94	24	1/2	5/8	1.74	44



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

36982**Male Inverted SAE 45° - Swivel - 90° Elbow**

view on web page

#			A		E				B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	H inch	W inch	inch	mm
36982-6-6	3/8 5/8x18	3/8	2.30	58	1.69	43	1/2	5/8	1.40	36



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

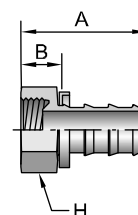
32982

Female Inverted SAE 45° - Rigid

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



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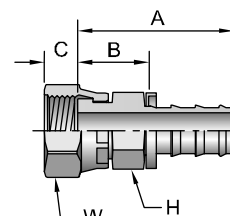
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3JC82

Female Seal-Lok® - Swivel - Short

ISO 12151-1 - SWSA

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



[view on web page](#)

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



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3J782

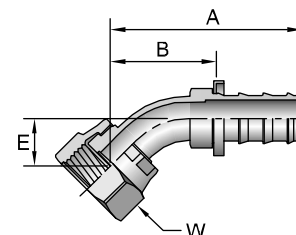
Female Seal-Lok® - Swivel - 45° Elbow

ISO 12151-1 - SWE45

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



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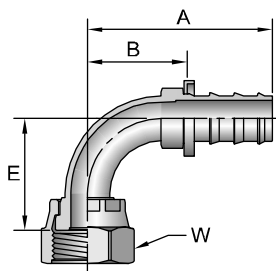
See Accessories Section for O-Rings.

Use with hoses: 801, 807, 821, 821FR, 836

3J982

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

ISO 12151-1 - SWES90



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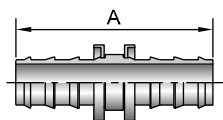
#										
Part Number	Thread	Hose I.D.	A	E	W	B				
	inch	inch	inch	mm	inch	mm	inch	inch	mm	mm
3J982-4-4	1/4 9/16x18	1/4	1.55 39	0.83 21	11/16	0.80 20				
3J982-6-6	3/8 11/16x16	3/8	1.85 47	0.91 23	13/16	0.95 24				
3J982-6-8	3/8 11/16x16	1/2	2.09 53	0.91 23	13/16	1.04 26				
3J982-8-6	1/2 13/16x16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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

38282

Push-Lok Union



view on web page

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



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See Accessories Section for O-Rings.

Use with hoses: 801, 807, 821, 821FR, 836

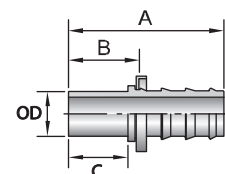
33482

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

# Part Number	OD inch	 Hose I.D. inch	A		B		C		Additional Material	
			inch	mm	inch	mm	inch	mm	Brass (B)	Steel (C)
33482-4-4	1/4	1/4	1.89	48	1.13	29	1.02	26	•	•
33482-6-6	3/8	3/8	2.23	56	1.33	34	1.22	31	•	•
33482-6-8	3/8	1/2	2.39	61	1.34	34	1.22	31	•	•
33482-8-8	1/2	1/2	2.16	55	1.10	28	0.97	25	•	•
33482-8-12	1/2	3/4	2.70	69	1.25	32	1.00	25	•	•
33482-10-10	5/8	5/8	2.62	66	1.17	30	1.00	25	•	•
33482-12-8	3/4	1/2	2.35	60	1.30	33	1.00	25	•	•
33482-12-12	3/4	3/4	2.62	66	1.17	30	1.00	25	•	•
33482-12-16	3/4	1	2.63	67	1.18	30	1.00	25	•	•
33482-16-12	1	3/4	3.25	83	1.80	46	1.50	38	•	•
33482-16-16	1	1	3.13	79	1.68	43	1.50	38	•	•



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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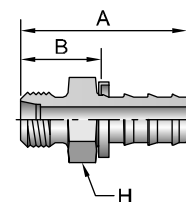
3D082

Male Metric L - Rigid - (24° Cone)

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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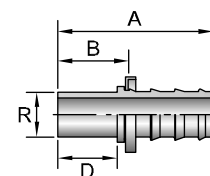
31D82

Male Standpipe Metric L - Rigid

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



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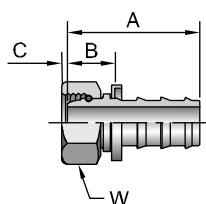


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Use with hoses: 801, 807, 821, 821FR, 836

39282

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



view on web page

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

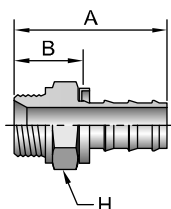
When measuring overall length to the end of the nut, B + C dimensions must be used to calculate cut-off allowances.



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

3D982

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



view on web page

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

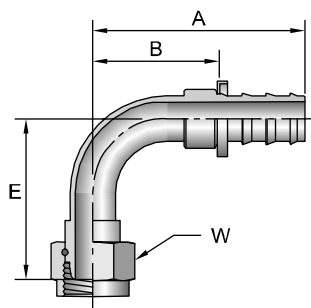
Bonded seal required if fitting is used directly in a port. See Accessories Section.



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

3B282

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



view on web page

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Use with hoses: 801, 807, 821, 821FR, 836

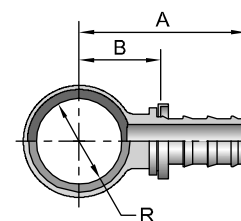
34982

DIN Metric Banjo

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

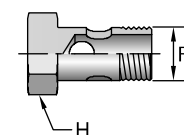


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AM

Banjo Bolt with DIN Metric Thread

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



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



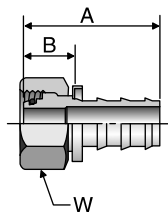
WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Use with hoses: 801, 807, 821, 821FR, 836

3CA82

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

ISO 12151-2 - SWS



view on web page

# Part Number				A			B	
	Thread mm		Hose I.D. inch	inch	mm	mm	inch	mm
3CA82-8-4	8	M14x1,5	1/4	1.42	36	17	0.67	17
3CA82-10-6	10	M16x1,5	3/8	1.57	40	19	0.67	17
3CA82-12-6	12	M18x1,5	3/8	1.57	40	22	0.67	17
3CA82-15-8	15	M22x1,5	1/2	1.73	44	27	0.71	18
3CA82-22-12	22	M30x2	3/4	2.28	58	36	0.83	21

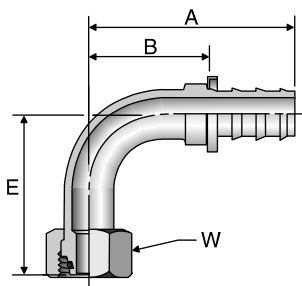


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

3CF82

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

ISO 12151-2 - SWE



view on web page

#			A		E			B	
Part Number	Thread mm	Hose I.D. inch	inch	mm	inch	mm	W mm	inch	mm
3CF82-12-6	12 M18x1.5	3/8	1.93	49	1.42	36	22	1.06	27

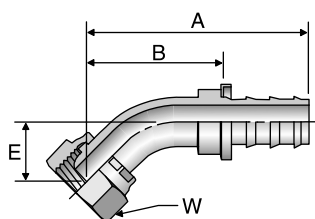


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

3C482

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

End Connection per ISO 8434-1-SWOE



view on web page

#			A		E			B	
Part Number	Thread mm	Hose I.D. inch	inch	mm	inch	mm	mm	inch	mm
3C482-10-6B	10 M16x1.5	3/8	2.28	58	0.71	18	19	1.38	35



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Use with hoses: 801, 807, 821, 821FR, 836

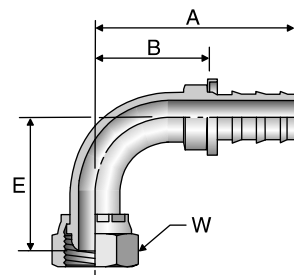
3C582**Female Metric L - Swivel - 90° Elbow - (Ball Nose)**

End Connection per ISO 8434-1-SWOE

#			A		E			B	
Part Number	Thread mm	Hose I.D. inch	inch	mm	inch	mm	mm	inch	mm
3C582-10-6B	10 M16x1,5	3/8	1.93	49	1.30	33	19	1.06	27
3C582-15-8B	15 M22x1,5	1/2	2.36	60	1.54	39	27	1.34	34



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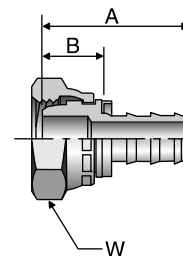
3C382**Female Metric L - Swivel - (Ball Nose)**

End Connection per ISO 8434-1-SWOS

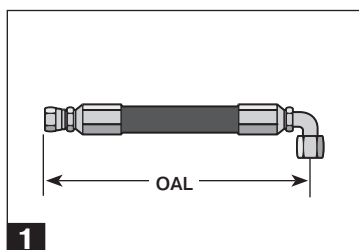
#			A			B	
Part Number	Thread mm	Hose I.D. inch	inch	mm	mm	inch	mm
3C382-10-6B	10 M16x1,5	3/8	1.50	38	19	0.59	15



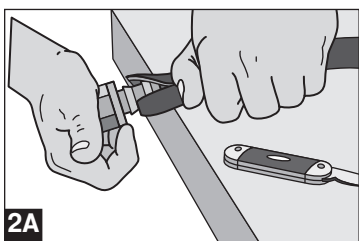
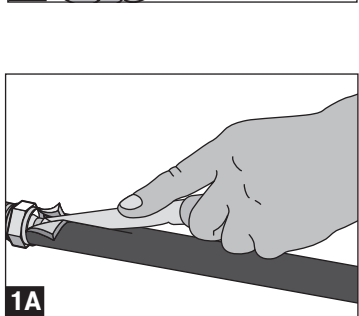
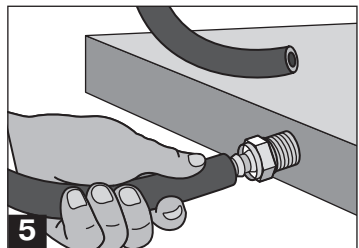
WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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OAL : Straight to 90° Elbow



82 Series

Assembly Instructions

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

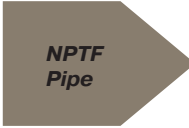
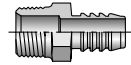
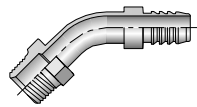
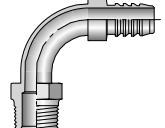
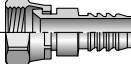
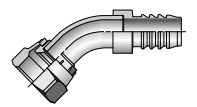
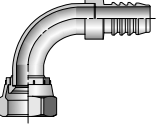
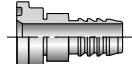
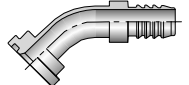
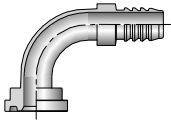
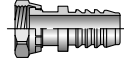
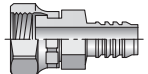
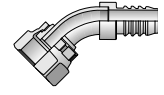
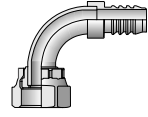
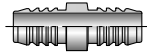
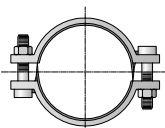
Disassembly Instructions

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

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

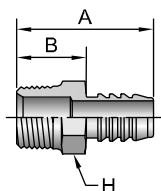
Caution: Sealing integrity may be damaged by use of exterior clamps.

81 & 88 Series Fittings

 NPTF Pipe	0188 246  <i>Male - Rigid</i>	3188 246  <i>Male - Rigid 45° Elbow</i>	2188 246  <i>Male - Rigid 90° Elbow</i>	 Straight Thread	0588 247  <i>Male - Rigid</i>
	0688 247  <i>Female - Swivel</i>	3788 247  <i>Female - Swivel</i>	3988 248  <i>Female - Swivel</i>		1588 248  <i>Flange Heads</i>
1788 249  <i>45° Elbow</i>	1988 249  <i>90° Elbow</i>	 Seal-Lok® O-Ring Face Seal	JS88 249  <i>Female - Swivel Long</i>	JC88 250  <i>Female - Swivel Short</i>	J788 250  <i>Female - Swivel 45° Elbow</i>
J988 250  <i>Female - Swivel 90° Elbow</i>	 Union		8888 251  <i>Union</i>	81 Series consists of a 10081 crimp shell and is completed by adding any 88 Series fittings.	
 Hose Clamp	88HC 251  <i>Hose Clamp</i>	88HC-H 251  <i>Hose-Clamp</i>	88DB 251  <i>Heavy Duty Clamp</i>	10081 251  <i>81 Series Crimp Shell</i>	

Product Definition

An 81 series fitting includes any 88 series body plus an 81 series crimp shell (0081). An 88 series fitting includes an 88 series body plus a hose clamp (88HC, 88HC-H or 88DB). To configure either an 81 or 88 series fitting, you will need to order the components separately.

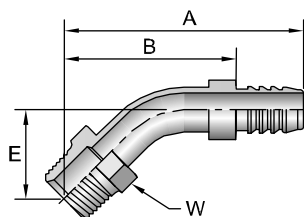
0188**Male NPTF Pipe - Rigid**

view on web page

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

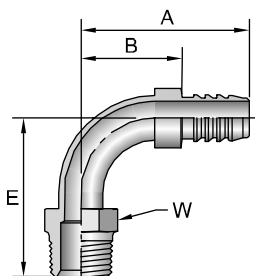
3188**Male NPTF Pipe - Rigid - 45° Elbow**

view on web page

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



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2188**Male NPTF Pipe - Rigid - 90° Elbow**

view on web page

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



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See page 251 for 81 Series crimp shells and clamps for 88 Series fittings.

See Equipment Section for assembly and crimping instructions.

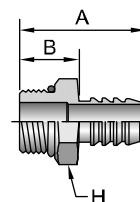
See Accessories Section for O-Rings and Flange Kits.

Use with hoses: 811, 811HT, 881

0588**Male SAE Straight Thread with O-Ring - Rigid**

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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

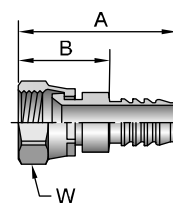


[view on web page](#)

0688**Female JIC 37° - Swivel**

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

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

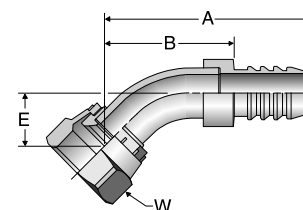


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3788**Female JIC 37° - Swivel**

#				A		E			B	
Part Number	Thread inch		Hose I.D. inch	inch	mm	inch	mm	W inch	inch	mm
3788-16-16	1	1-5/16x12	1	3.51	89	0.90	23	1-1/2	2.13	54
3788-20-20	1-1/4	1-5/8x12	1-1/4	3.97	101	1.19	30	2	2.38	60

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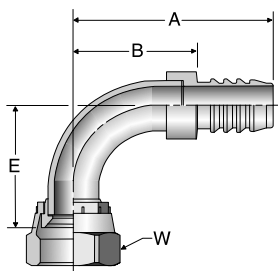
[view on web page](#)

See page 251 for 81 Series crimp shells and clamps for 88 Series fittings.
See Equipment Section for assembly and crimping instructions.
See Accessories Section for O-Rings and Flange Kits.

Use with hoses: 811, 811HT, 881

3988

Female JIC 37° - Swivel



[view on web page](#)

#										
Part Number	Thread	inch	Hose I.D.	inch	mm	inch	mm	inch	inch	mm
3988-16-16	1	1-5/16x12	1	3.48	88	2.14	54	1-1/2	2.10	53
3988-20-20	1-1/4	1-5/8x12	1-1/4	3.81	97	2.59	66	2	2.22	56
3988-24-24	1-1/2	1-7/8x12	1-1/2	4.21	107	2.81	71	2-1/4	2.47	63

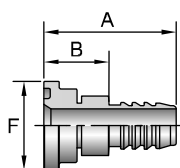


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1588

SAE Code 61 Flange Head

ISO 12151-3 - S - L



[view on web page](#)

#							
Part Number	Flange	Hose I.D.	inch	mm	inch	inch	mm
1588-16-16	1	1	2.57	65	1-3/4	1.19	30
1588-20-20	1-1/4	1-1/4	3.37	86	2	1.78	4
1588-24-24	1-1/2	1-1/2	3.78	96	2-3/8	2.04	52
1588-32-32	2	2	4.32	110	2-13/16	2.49	63
1588-48-40	3	2-1/2	4.62	117	4	2.79	71



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See page 251 for 81 Series crimp shells and clamps for 88 Series fittings.
See Equipment Section for assembly and crimping instructions.
See Accessories Section for O-Rings and Flange Kits.

1788

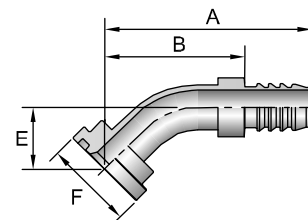
SAE Code 61 Flange Head - 45° Elbow

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

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



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1988

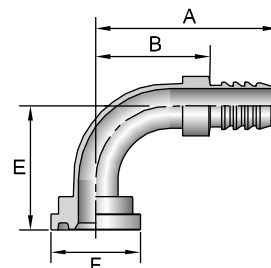
SAE Code 61 Flange Head - 90° Elbow

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

#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
1988-16-16	1	1	3.35	85	2.37	60	1-3/4	1.97	50
1988-20-20	1-1/4	1-1/4	3.80	97	2.50	64	2	2.21	56
1988-24-24	1-1/2	1-1/2	4.20	107	2.74	70	2-3/8	2.46	62
1988-32-32	2	2	4.86	123	3.19	81	2-13/16	3.03	77
1988-40-40	2-1/2	2-1/2	5.52	140	3.75	95	3-5/16	3.69	94



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JS88

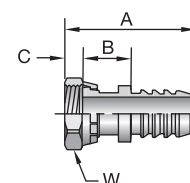
Female Seal-Lok® - Swivel - Long

ISO - 12151-1 - SWSB

#			A			B		C		
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	inch	mm	inch	mm	
JS88-20-20	1-1/4	1-11/16x12	1-1/4	3.21	82	1-7/8	1.62	41,1	0.59	15,0
JS88-24-24	1-1/2	2x12	1-1/2	3.47	88	2-1/4	1.73	43,9	0.62	15,7



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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See page 251 for 81 Series crimp shells and clamps for 88 Series fittings.

See Equipment Section for assembly and crimping instructions.

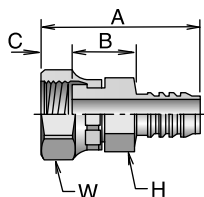
See Accessories Section for O-Rings and Flange Kits.

Use with hoses: 811, 811HT, 881

JC88

Female Seal-Lok - Swivel - Short

ISO 12151 - 1 - SWSA



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

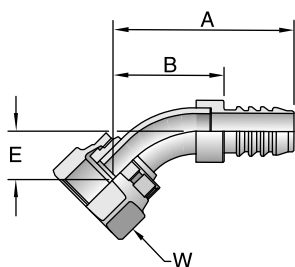
When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.



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J788

Female Seal-Lok - Swivel - 45° Elbow



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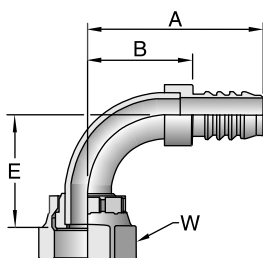
#									
Part Number	Thread	Hose I.D.	A	E	W	B			
J788-16-16	1 1-7/16x12	1	3.79 96	0.94 24	1-5/8	2.41	61		
J788-20-20	1-1/4 1-11/16x12	1-1/4	3.71 94	0.94 24	1-7/8	2.12	54		



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J988

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



view on web page

#									
Part Number	Thread	Hose I.D.	A	E	W	B			
J988-12-12	3/4 1-3/16x12	3/4	2.85 72	1.83 46	1-3/8	1.72	44		
J988-16-16	1 1-7/16x12	1	3.74 95	2.19 56	1-5/8	2.36	60		
J988-16-16C	1 1-7/16x12	1	3.75 95	2.22 56	1-5/8	2.37	60		
J988-20-20	1-1/4 1-11/16x12	1-1/4	4.26 108	2.51 64	1-7/8	2.67	68		
J988-24-24	1-1/2 2x12	1-1/2	5.27 134	2.68 68	2-1/4	3.53	90		



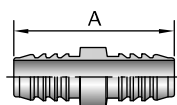
WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Use with hoses: 811, 811HT, 881

8888

Union (Hose Splicer)

#			
Part Number	Hose I.D. inch	inch	mm
8888-16-16	1	3.21	82
8888-20-20	1-1/4	3.61	92



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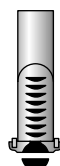


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88HC

Hose Clamp (Worm Gear)

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



view on web page

See page 311 for more information.

10081

Crimp Shell

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



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

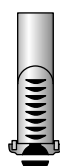


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88HC-H

Hose Clamp (High Torque Worm Gear)

#	
Part Number	Hose I.D. inch
88HC-16H	1
88HC-20H	1-1/4
88HC-32H	2
88HC-40H	2-1/2
88HC-48H	3



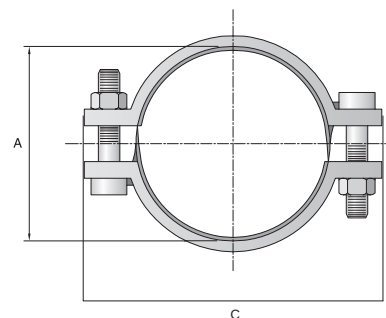
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See page 311 for more information.

88DB

Heavy Hose Clamp (Double Bolt)

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



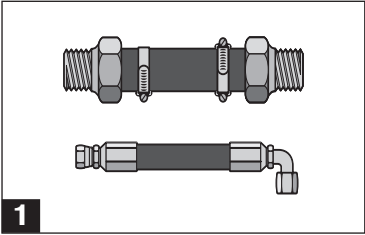
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See page 311 for more information.



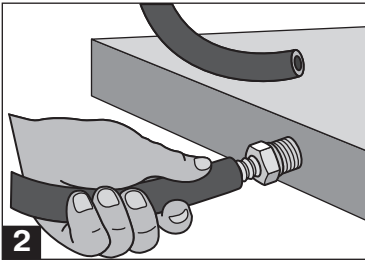
WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Use with hoses: 811, 811HT, 881



88 Series Hose Assembly Instructions

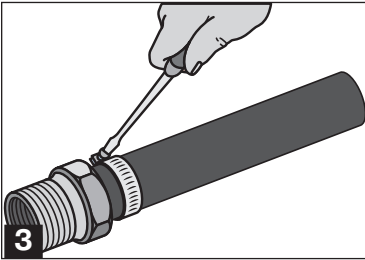
1. Identify Over All Length (OAL) of hose assembly and the Cut Off Allowance (COA) length of fitting(s) by use of the fitting data table. Properly measure and mark hose. Cut hose cleanly and squarely to length. Trim any exposed wire reinforcement to prevent injury in service.



2. Slide clamp(s) onto hose and lubricate hose. Push hose onto fitting until hose bottoms against stop ring or hex.

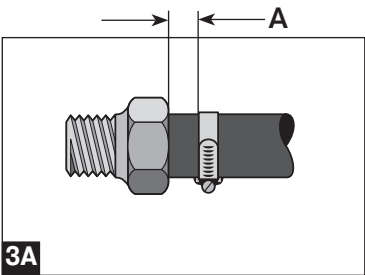
3. Position hose clamp(s) as shown and secure with a screwdriver or wrench to tightening torque listed on page D-37. Maintain "A" dimensions as shown below for proper clamp positioning of both HC clamps and HC-H clamps.

3A. Evenly attach double bolt clamps for maximum grip.

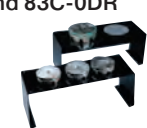


Hose I.D. inch	A	
	inch	mm
-12	1/4	6.35
-16	3/8	9.53
-20	3/8	9.53
-24	1/2	12.70
-32	1/2	12.70

Note: For permanent installation of 88 Series Fittings, an 81 Series Crimp Shell must be added. See Equipment Section for assembly and crimping instructions.



Equipment

 Crimpers	 Karrykrimp 256	 Karrykrimp Bench Mount 256	 Karrykrimp 2 257	 Karrykrimp 2 Bench Mount 257	 Parkrimp 1 258
 Parkrimp 2 259	 Phastkrimp 2 260	 TH8-380 261	 Portable Pumps	 82C-0HP 263 <i>Hand Pump</i>	 85C-0HP 263 <i>Hand Pump</i>
 82C-0EP 264 <i>Electric Pump</i>	 85C-0EP 264 <i>Electric Pump</i>	 82C-0AP 264 <i>Air/Hydraulic Pump</i>	 Hose Cut-Off Machines	 86C-220V and 86C-220V3 270	 HSK7X093X3/4-D-PH HSK10X125X40-D-PH 270
 86C-110V 270	 Hose Cleaning Kits	 TH6-10-HL-10-2 271 <i>Premium Hose Cleaning Kit</i>	 TH6-10-EL-8 271 <i>Economy Hose Cleaning Kit</i>	 Accessories	 Parker Clean Seal 272
 881540 273 <i>Push-Lok Cut-Off & Assembly Tool</i>	 TH9-1 273 <i>Hose Insertion Depth Blocks</i>	 TH11-1 273 <i>Hose Cut-Off Tool</i>	 80C-0DR and 83C-0DR 273 <i>Die Storage Racks</i>	 80C-SDR 274 <i>Swivel Die Rack</i>	 TH2-7 274 <i>Fittings Push-On Stand</i>
 TH2-7M25-6 TH2-7M25-8 274 <i>Mandrels - 25 Series</i>	 Lubricant 274 <i>Accrolube High Efficiency</i>	 Small Crimper Hood 275	 Large Crimper Hood 275		