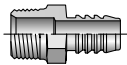
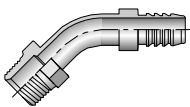
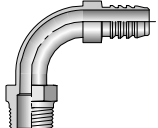
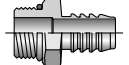
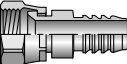
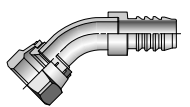
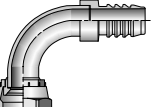
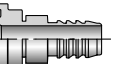
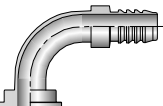
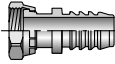
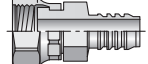
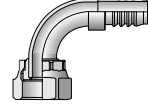
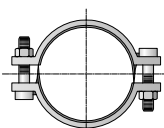


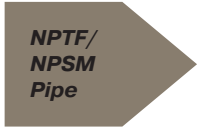
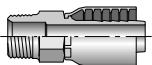
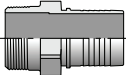
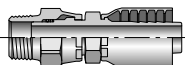
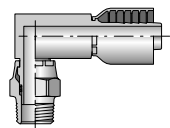
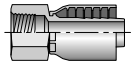
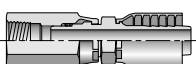
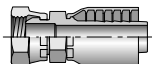
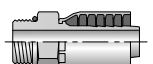
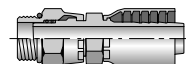
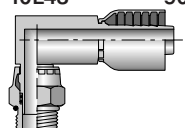
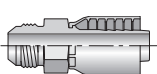
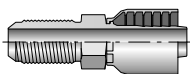
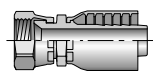
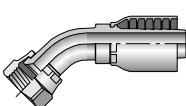
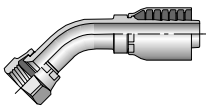
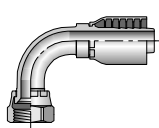
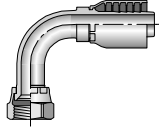
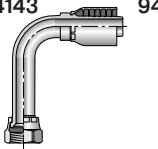
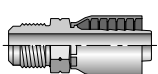
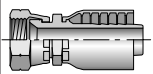
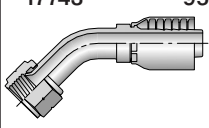
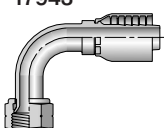
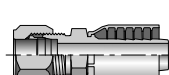
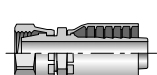
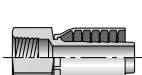
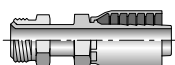
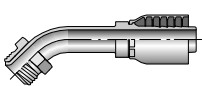
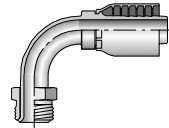
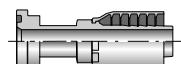
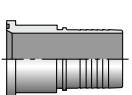
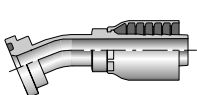
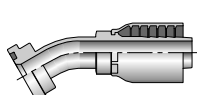
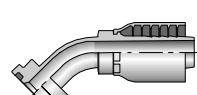
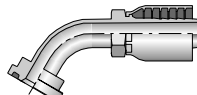
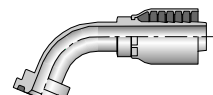
81 & 88 Series Fittings

NPTF Pipe	0188 246  Male - Rigid	3188 246  Male - Rigid 45° Elbow	2188 246  Male - Rigid 90° Elbow	Straight Thread	0588 247  Male - Rigid
JIC 37°	0688 247  Female - Swivel	3788 247  Female - Swivel	3988 248  Female - Swivel	Flange	1588 248  Flange Heads
1788 249  45° Elbow	1988 249  90° Elbow	Seal-Lok® O-Ring Face Seal	JS88 249  Female - Swivel Long	JC88 250  Female - Swivel Short	J788 250  Female - Swivel 45° Elbow
J988 250  Female - Swivel 90° Elbow	Union	8888 251  Union	81 Series Crimp Shell	81 Series consists of a 10081 crimp shell and is completed by adding any 88 Series fittings.	
Hose Clamp	88HC 251  Hose Clamp	88HC-H 251  Hose-Clamp	88DB 251  Heavy Duty Clamp	10081 251  81 Series Crimp Shell	

Product Definition

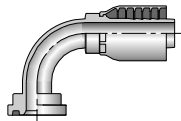
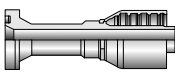
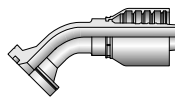
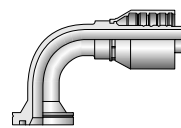
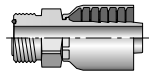
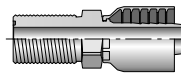
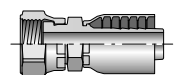
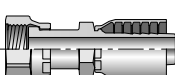
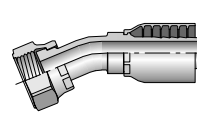
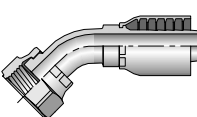
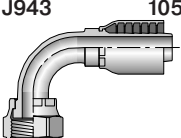
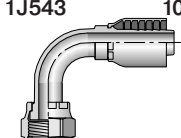
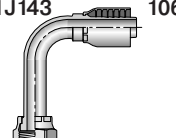
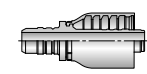
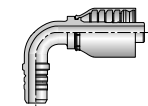
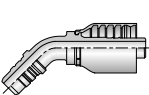
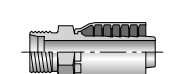
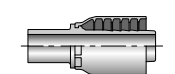
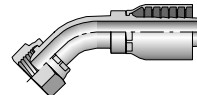
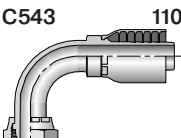
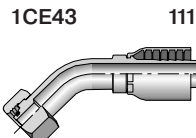
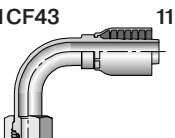
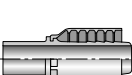
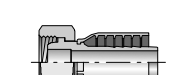
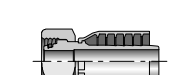
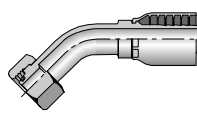
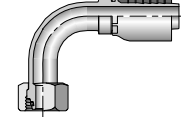
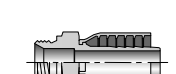
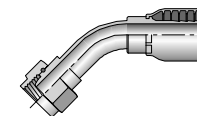
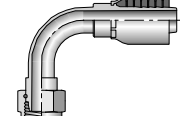
An 81 series fitting includes any 88 series body plus an 81 series crimp shell (0081). An 88 series fitting includes an 88 series body plus a hose clamp (88HC, 88HC-H or 88DB). To configure either an 81 or 88 series fitting, you will need to order the components separately.

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

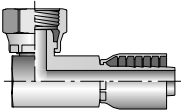
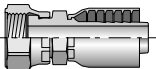
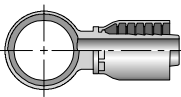
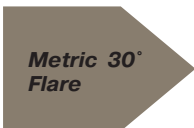
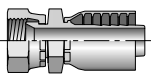
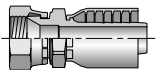
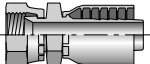
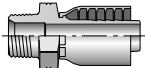
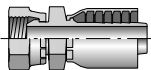
Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

43 Series Fittings

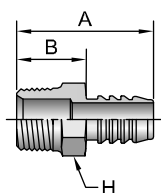
11943 99  <i>90° Elbow</i>	 Code 62 Flange	16A43 100  <i>Flange Head</i>	16F43 100  <i>45° Elbow</i>	16N43 100  <i>90° Elbow</i>	 Seal-Lok® (O-Ring Face Seal)
1J043 101  <i>Male - Rigid w/O-Ring</i>	1JB43 101  <i>Male - Bulkhead w/O-Ring</i>	1JC43 102  <i>Female - Swivel Short</i>	1JS43 103  <i>Female - 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

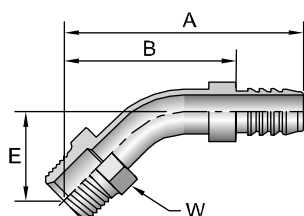
0188**Male NPTF Pipe - Rigid**

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.

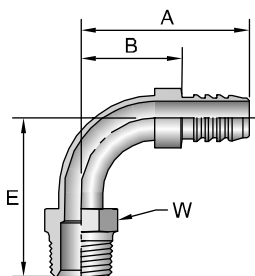
3188**Male NPTF Pipe - Rigid - 45° Elbow**

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known 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 page 251 for 81 Series crimp shells and clamps for 88 Series fittings.

See Equipment Section for assembly and crimping instructions.

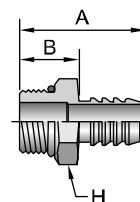
See Accessories Section for O-Rings and Flange Kits.

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	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.

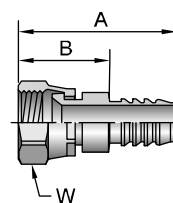


[view on web page](#)

0688**Female JIC 37° - Swivel**

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

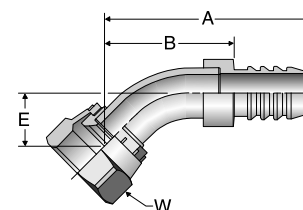


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3788**Female JIC 37° - Swivel**

#				A		E			B	
Part Number	Thread inch		Hose I.D. inch	inch	mm	inch	mm	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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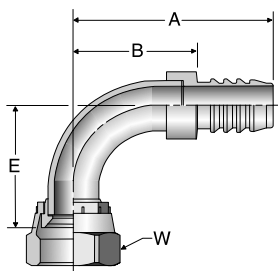
[view on web page](#)

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

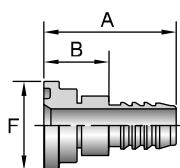


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

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

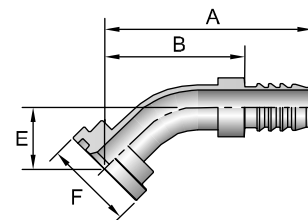
SAE Code 61 Flange Head - 45° Elbow

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

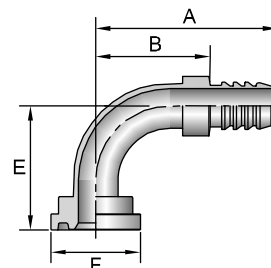
SAE Code 61 Flange Head - 90° Elbow

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known 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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JS88

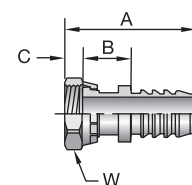
Female Seal-Lok® - Swivel - Long

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.



[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.

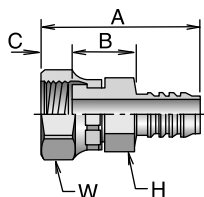
See Accessories Section for O-Rings and Flange Kits.

Use with hoses: 811, 811HT, 881

JC88

Female Seal-Lok - Swivel - Short

ISO 12151 - 1 - SWSA



view on web page

#										
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		

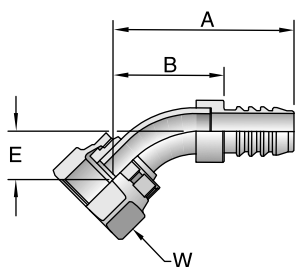
When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.



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

J788

Female Seal-Lok - Swivel - 45° Elbow



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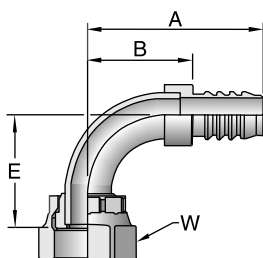
#										
Part Number	Thread	Hose I.D.	A	E	W	B				
J788-16-16	1 1-7/16x12	1	3.79 96	0.94 24	1-5/8	2.41	61			
J788-20-20	1-1/4 1-11/16x12	1-1/4	3.71 94	0.94 24	1-7/8	2.12	54			



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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			



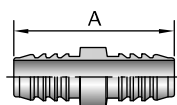
WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

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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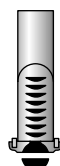


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

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



view on web page

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.

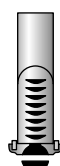


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

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



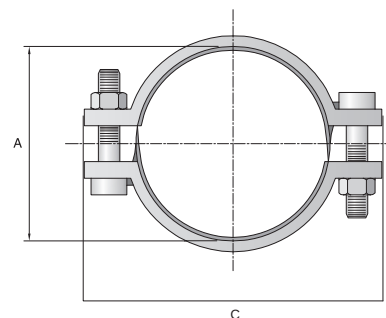
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See page 311 for more information.

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



view on web page

See page 311 for more information.

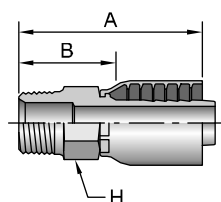


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Use with hoses: 811, 811HT, 881

10143

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	H inch	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	

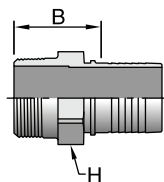
Stainless steel fittings must be assembled with Karrykrimp 2, PHastkrimp, Superkrimp or Parkrimp 2.
See CrimpSource for more information.



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

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



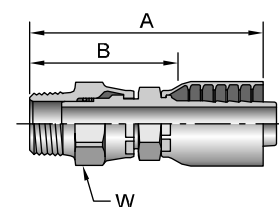
WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

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".

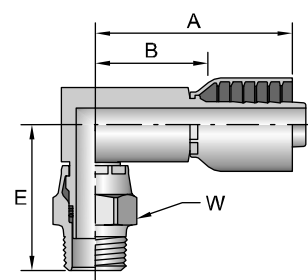
See the table above for applicable part numbers and an example of the nomenclature for ordering purposes is 11343W-4-4 with the "W" after the series.

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	•	•



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".

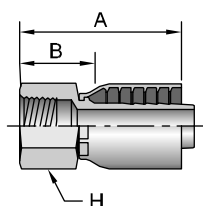
See the table above for applicable part numbers and an example of the nomenclature for ordering purposes is 11343W-4-4 with the "W" after the series.

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.

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



view on web page

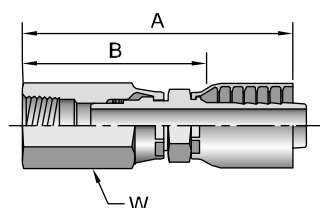
#	Thread	Hose I.D.	A		H	B	
Part Number	inch	inch	inch	mm	inch	inch	mm
10243-2-4	1/8x27	1/4	1.68	43	5/8	0.93	24
10243-4-4	1/4x18	1/4	1.78	45	11/16	1.03	26
10243-4-6	1/4x18	3/8	2.05	52	3/4	1.02	26
10243-6-4	3/8x18	1/4	2.05	52	7/8	1.30	33
10243-6-6	3/8x18	3/8	2.32	59	7/8	1.29	33
10243-8-6	1/2x14	3/8	2.40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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known 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



view on web page

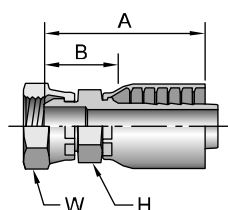
#	Thread	Hose I.D.	A		W	B	
Part Number	inch	inch	inch	mm	inch	inch	mm
1S243-4-4	1/4x18	1/4	3.33	85	3/4	2.58	66



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

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



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

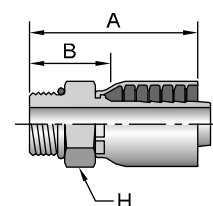
Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

10543

Male SAE Straight Thread with O-Ring - Rigid

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

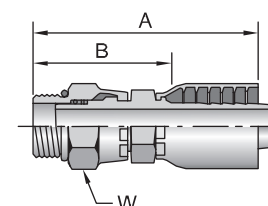
Male SAE Straight Thread with O-Ring - Swivel

# 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.

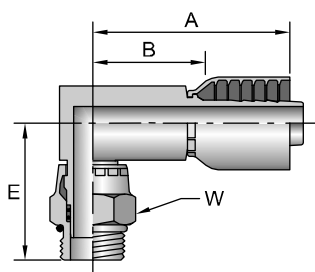
WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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.

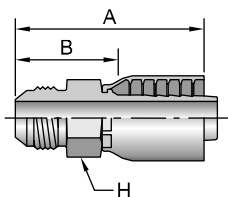


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10343

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

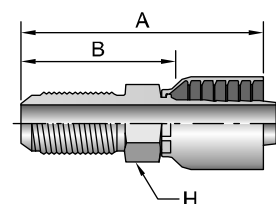
1LB43

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.

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known 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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10643

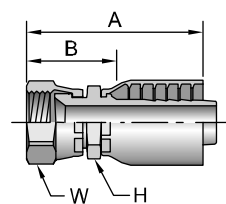
Female JIC 37° - Swivel

ISO 12151-5

# Part Number	 Thread inch		 Hose I.D. inch	A		 H inch	 W inch	B		Additional Material Stainless Steel (C)
			inch	mm			inch	mm		
10643-4-4	1/4	7/16x20	1/4	1.94	49,0	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.

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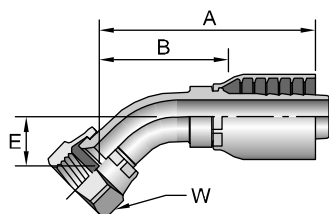
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Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

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

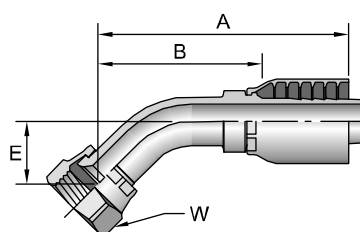


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

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



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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

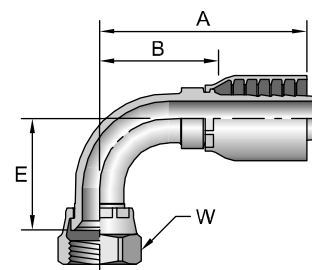
13943

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

# Part Number				A		E			B	
	Thread inch		Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
13943-4-4	1/4	7/16x20	1/4	1.78	45	0.83	21	9/16	1.03	26
13943-4-6	1/4	7/16x20	3/8	2.05	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



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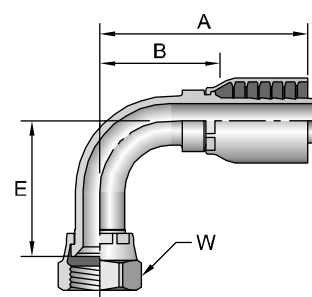
1L943

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

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

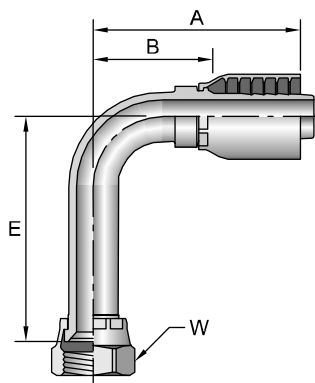


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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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

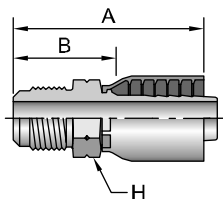
14143**Female JIC 37° - Swivel - 90° Elbow - Long Drop**
ISO 12151-5

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



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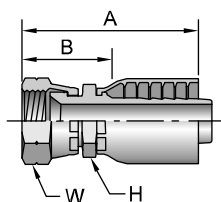
10443**Male SAE 45° - Rigid**

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#			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**

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#			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.

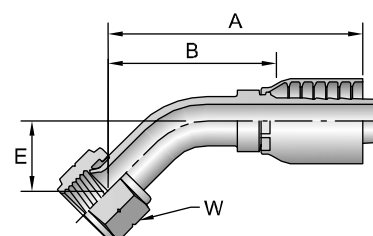
Notch on nut signifies SAE 45° flare.

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

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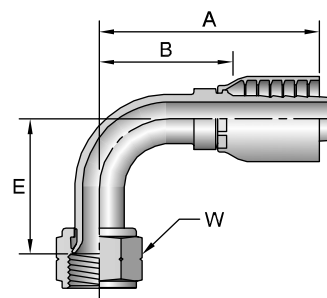


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17943**Female SAE 45° - Swivel - 90° Elbow**

#			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

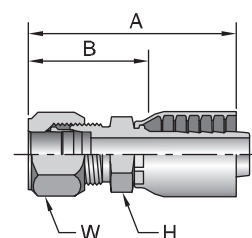
WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



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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



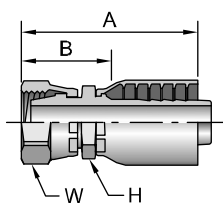
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The Parker Ferrul-Fix fitting makes it possible to salvage the bent tube section from a hose assembly for quick, easy on-the-job repairs. For additional information see Ferrule-Fix installation instructions in the Technical Section.

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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

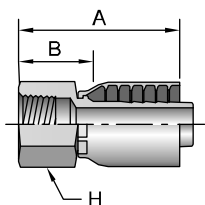
11243**Female Ferulok Flareless - Swivel - (24° Cone)**

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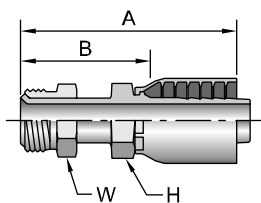
1GJ43**Female Grease Connection - SPL - PTF Taper Thread Rigid - 1/2 x 27**

[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	



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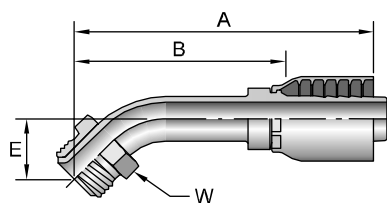
12843**Male Inverted SAE 45° - Swivel**

[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.

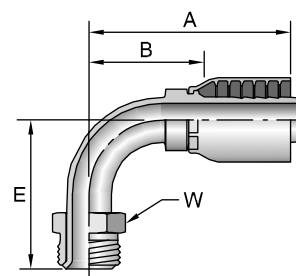
Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

16943

Male Inverted SAE 45° - Swivel - 90° Elbow

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



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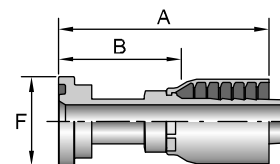
11543

SAE Code 61 Flange Head

ISO 12151-3 - S - L

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



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1543

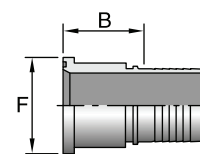
SAE Code 61 Flange Head

ISO 12151-3 - S - L

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



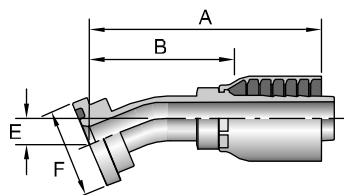
[view on web page](#)

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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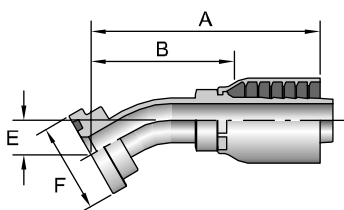
#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
11643-12-12	3/4	3/4	3.90	99	0.44	11	1-1/2	2.47	63
11643-16-12	1	3/4	3.89	99	0.44	11	1-3/4	2.46	62
11643-16-16	1	1	4.25	108	0.44	11	1-3/4	2.66	68
11643-20-16	1-1/4	1	4.25	108	0.44	11	2	2.66	68
11643-20-20	1-1/4	1-1/4	4.65	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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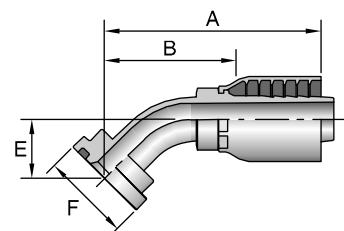
#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
12643-12-12	3/4	3/4	3.90	99	0.59	15	1-1/2	2.46	62
12643-16-16	1	1	4.38	111	0.62	16	1-3/4	2.76	70
12643-20-16	1-1/4	1	4.38	111	0.62	16	2	2.76	70
12643-20-20	1-1/4	1-1/4	4.39	112	0.72	18	2	2.70	69



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)



view on web page

#			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

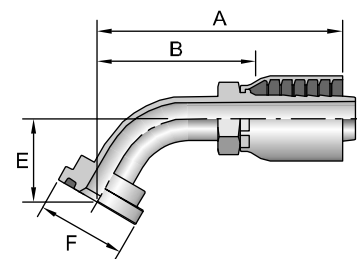
SAE Code 61 Flange Head - 60° Elbow

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

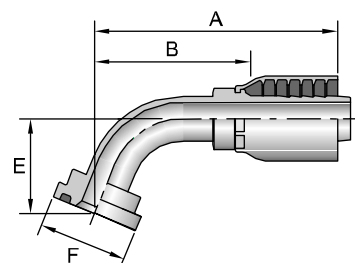
SAE Code 61 Flange Head - 67-1/2° Elbow

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

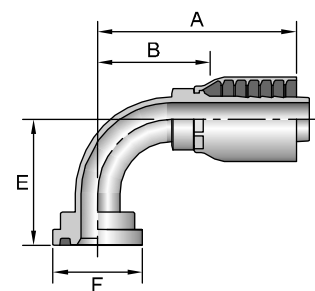
SAE Code 61 Flange Head - 90° Elbow

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.



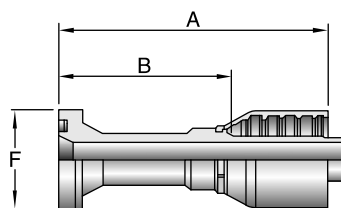
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See Accessories Section for O-Rings and Flange Kits.

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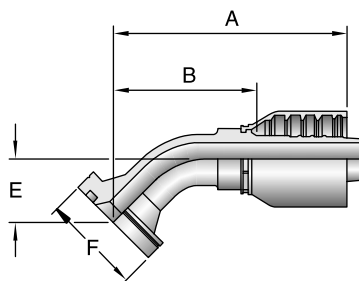
#			A		B		
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	F inch
16A43-12-12	3/4	3/4	4.12	104,6	2.68	68,0	1-5/8
16A43-16-12	1	3/4	3.10	78,7	1.66	42,2	1-7/8
16A43-16-16	1	1	4.81	122,2	3.19	81,0	1-7/8
16A43-20-16	1-1/4	1	3.61	91,7	1.99	50,5	2-1/8
16A43-20-20	1-1/4	1-1/4	5.01	127,3	3.32	84,3	2-1/8



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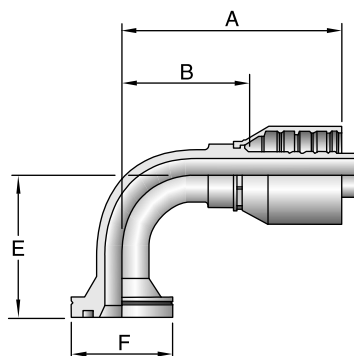
#			A		B			E	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	F inch	inch	mm
16F43-12-12	3/4	3/4	3.82	97,0	2.38	60,5	1-5/8	1.02	25,9
16F43-16-16	1	1	4.66	118,4	3.04	77,2	1-7/8	1.26	32,0
16F43-20-16	1-1/4	1	4.57	116,1	2.95	74,9	2-1/8	1.06	26,9



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)

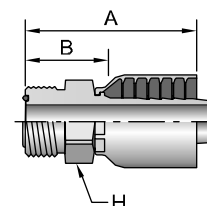
SAE J516 (Apr 2016)

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

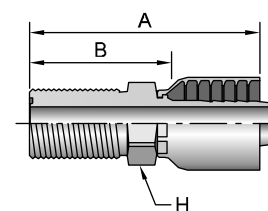
#							
Part Number	Thread		Hose I.D.	A		H	B
	inch		inch	inch	mm	mm	inch
1JB43-4-4	1/4	9/16x18	1/4	2.67	68	22	1.92
1JB43-6-6	3/8	11/16x16	3/8	3.08	78	27	2.05
1JB43-8-8	1/2	13/16x16	1/2	3.44	87	30	2.18
1JB43-10-8	5/8	1x14	1/2	3.69	94	36	2.43
1JB43-10-10	5/8	1x14	5/8	3.88	99	36	2.44
1JB43-12-12	3/4	1-3/16x12	3/4	3.95	100	41	2.51

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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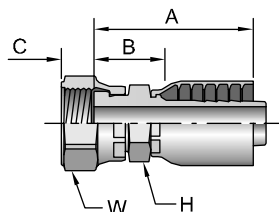
See Accessories Section for O-Rings and Flange Kits.

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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#	Thread	Hose I.D.	A	C	H	W	B	Additional Material Stainless Steel (C)
Part Number	inch	inch	inch mm	inch mm	inch	inch	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	0.37 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.



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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

1JS43

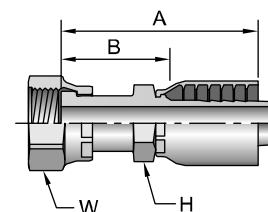
Female Seal-Lok® - Swivel - Long

ISO 12151-1 SWSB

#									
Part Number	Thread	inch	Hose I.D.	A	H	W	B		
	inch		inch	inch	mm	inch	inch	inch	mm
1JS43-4-4	1/4	9/16x18	1/4	2.07	53	9/16	11/16	1.32	34
1JS43-4-6	1/4	9/16x18	3/8	2.21	56	11/16	11/16	1.18	30
1JS43-6-4	3/8	11/16x16	1/4	2.14	54	9/16	13/16	1.39	35
1JS43-6-6	3/8	11/16x16	3/8	2.28	58	11/16	13/16	1.25	32
1JS43-6-8	3/8	11/16x16	1/2	2.50	64	13/16	13/16	1.24	31
1JS43-8-4	1/2	13/16x16	1/4	2.26	57	11/16	15/16	1.51	38
1JS43-8-6	1/2	13/16x16	3/8	2.53	64	11/16	15/16	1.50	38
1JS43-8-8	1/2	13/16x16	1/2	2.65	67	13/16	15/16	1.39	35
1JS43-8-10	1/2	13/16x16	5/8	2.82	72	15/16	15/16	1.38	35
1JS43-10-6	5/8	1x14	3/8	2.63	67	11/16	1-1/8	1.62	41
1JS43-10-8	5/8	1x14	1/2	2.89	73	13/16	1-1/8	1.63	41
1JS43-10-10	5/8	1x14	5/8	3.09	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



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1J643

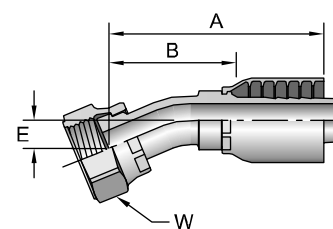
Female Seal-Lok® - Swivel - 22-1/2° Elbow

End Connection per ISO 8434-3-SWE

#									
Part Number	Thread	Hose I.D.	A	E	W	B			
inch	inch	inch	inch	mm	inch	mm	inch	mm	
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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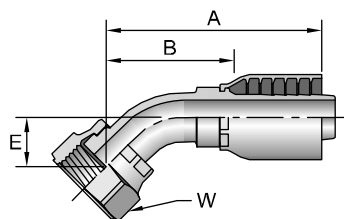
See Accessories Section for O-Rings.

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



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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known 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

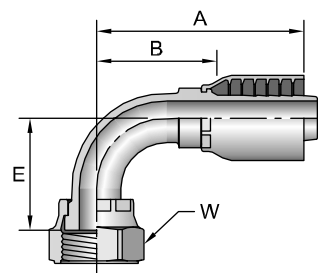
1J943

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

ISO 12151-1 - SWES90

#										
Part Number	Thread inch		Hose I.D. inch	A		E		W	B	
				inch	mm	inch	mm	inch	inch	mm
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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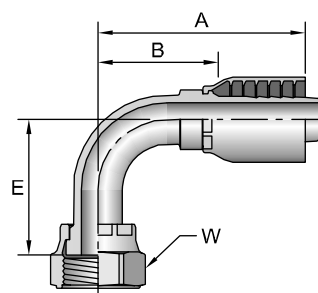
1J543

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

ISO 12151-1 - SWEM90

#										
Part Number	Thread inch		Hose I.D. inch	A		E		W	B	
				inch	mm	inch	mm	inch	inch	mm
1J543-4-4	1/4	9/16x18	1/4	2.07	53	1.26	32	11/16	1.32	34
1J543-6-4	3/8	11/16x16	1/4	2.12	54	1.50	38	13/16	1.41	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.



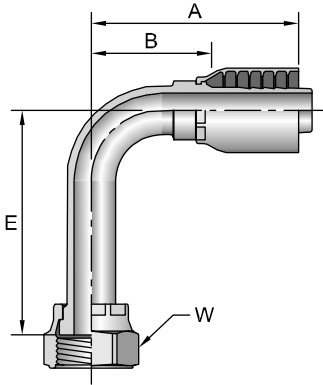
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See Accessories Section for O-Rings.

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



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# 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

 **WARNING:** The products described in this catalog can expose you to chemicals, including Lead, which is known 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

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.

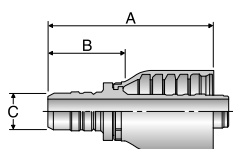
UPTC Pressure Ratings

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



view on web page

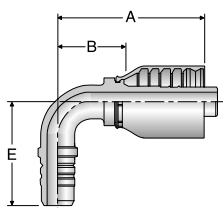
# Part Number	Hose End Size inch	A inch	B inch	C Nominal Connection Size	
				inch	mm
1EN43-8-4	1/4	1.83	1.08	0.31	8
1EN43-12-6	3/8	2.15	1.12	0.47	12
1EN43-15-8	1/2	2.51	1.25	0.59	15
1EN43-18-10	5/8	2.78	1.34	0.71	18
1EN43-22-12	3/4	2.81	1.37	0.87	22



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



view on web page

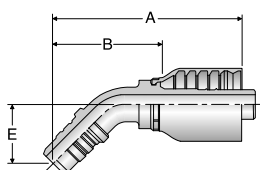
# Part Number	Hose End Size inch	A inch	B inch	C Nominal Connection Size		E inch
				inch	mm	
1ET43-8-4	1/4	1.78	1.03	0.31	8	1.54
1ET43-12-6	3/8	2.21	1.18	0.47	12	1.54
1ET43-15-8	1/2	2.51	1.25	0.59	15	1.77
1ET43-18-10	5/8	2.97	1.53	0.71	18	2.24
1ET43-22-12	3/4	3.43	1.99	0.87	22	2.50



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

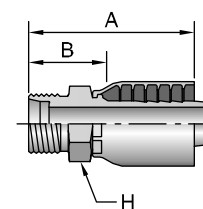
1D043

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.



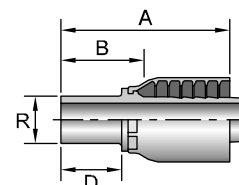
view on web page

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



view on web page

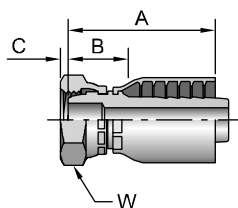
Metric L: Mates with EO "L" Series Fittings.

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.

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	Hose I.D.	A		C		W	B		
	mm	inch	inch	mm	inch	mm	mm	inch	mm	
1C343-6-4	6 M12x1,5	1/4	1.75	44	0.09	2	14	1.16	29	
1C343-8-4	8 M14x1,5	1/4	1.77	45	0.11	3	17	1.16	29	
1C343-10-5	10 M16x1,5	5/16	2.01	51	0.06	2	19	1.20	30	
1C343-10-6	10 M16x1,5	3/8	2.06	52	0.06	2	19	1.10	28	
1C343-12-5	12 M18x1,5	5/16	1.87	47	0.10	3	22	0.70	18	
1C343-12-6	12 M18x1,5	3/8	2.23	57	0.10	3	22	1.18	30	
1C343-15-6	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	

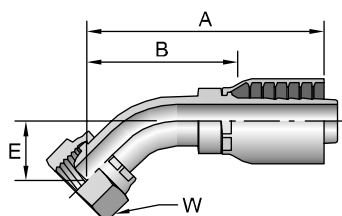
When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.



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

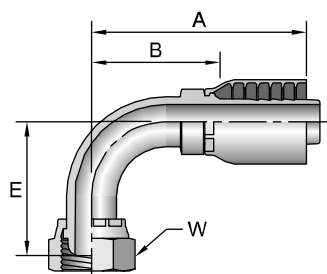
#										
Part Number	Thread	Hose I.D.	A		E		W	B		
	mm	inch	inch	mm	inch	mm	mm	inch	mm	
1C443-8-4	8 M14x1,5	1/4	2.40	61	0.59	15	17	1.50	38	
1C443-10-5	10 M16x1,5	5/16	2.60	66	0.67	17	19	1.61	41	
1C443-10-6	10 M16x1,5	3/8	2.76	70	0.67	17	19	1.61	41	
1C443-12-6	12 M18x1,5	3/8	2.76	70	0.67	17	22	1.61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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known 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	Hose I.D.	A		E		W	B		
	mm	inch	inch	mm	inch	mm	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)

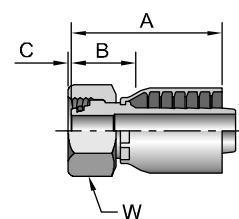
ISO 12151-2 - SWS

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

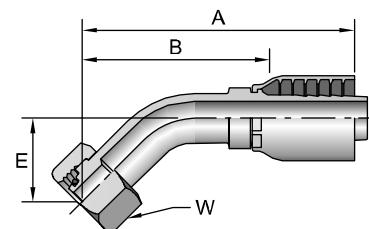
Female Metric L - Swivel - 45° Elbow - (24° Cone with O-Ring)

ISO 12151-2 - SWE45

#	Thread	Hose I.D.	A		E		W	B	
Part Number	mm	inch	inch	mm	inch	mm	mm	inch	mm
1CE43-6-4	6 M12x1,5	1/4	2.68	68	0.75	19	14	1.77	45
1CE43-8-4	8 M14x1,5	1/4	2.32	59	0.63	16	17	1.38	35
1CE43-10-5	10 M16x1,5	5/16	2.64	67	0.59	15	19	1.69	43
1CE43-10-6	10 M16x1,5	3/8	2.95	75	0.75	19	19	1.85	47
1CE43-12-6	12 M18x1,5	3/8	2.72	69	0.75	19	22	1.53	39
1CE43-15-8	15 M22x1,5	1/2	3.19	81	0.87	22	27	1.81	46
1CE43-18-10	18 M26x1,5	5/8	3.50	89	0.91	23	32	1.93	49
1CE43-22-12	22 M30x2	3/4	3.86	98	1.02	26	36	2.28	58
1CE43-28-16	28 M36x2	1	4.92	125	1.34	34	41	3.30	84



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



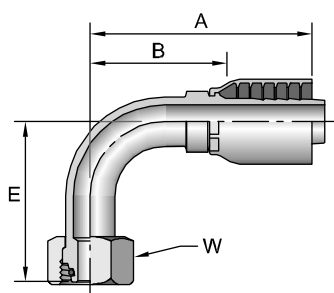
view on web page

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

1CF43

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

ISO 12151-2 - SWE



view on web page

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

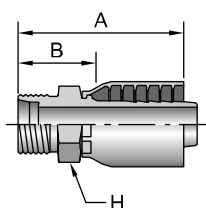


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1D243

Male Metric S - Rigid - (24° Cone)

ISO 12151-2



view on web page

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



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known 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

13D43

Male Standpipe Metric S - Rigid

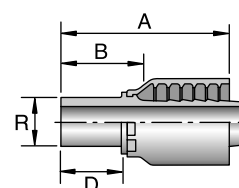
End Connection per ISO 8434-1-SDS

#			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.



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known 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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1C643

Female Metric S - Swivel - (Ball Nose)

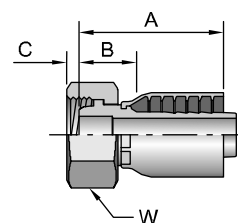
#			A		C			B	
Part Number	Thread mm	Hose I.D. inch	inch	mm	inch	mm	mm	inch	mm
1C643-8-4	8 M16x1,5	1/4	1.57	40	0.15	4	19	1.20	30
1C643-10-4	10 M18x1,5	1/4	1.63	41	0.10	3	22	1.20	30
1C643-12-6	12 M20x1,5	3/8	1.76	45	0.08	2	24	1.32	34
1C643-12-8	12 M20x1,5	1/2	2.18	55	0.08	2	24	1.30	33
1C643-14-6	14 M22x1,5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



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

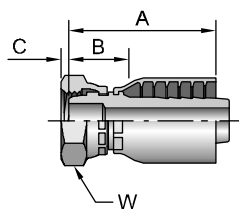


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Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

1C043

Female Metric - Swivel - (Ball Nose)



[view on web page](#)

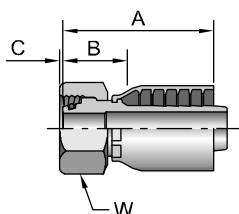
# Part Number	Thread mm		Hose I.D. inch	A inch mm		C inch mm		W mm	B inch mm	
1C043-20-12	20	M30x1,5	3/4	2.48	63	0.21	5	36	0.94	24
1C043-25-16	25	M38x1,5	1	2.99	76	0.28	7	46	1.14	29



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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



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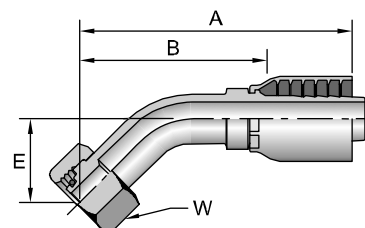
Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

10C43

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

ISO 12151-2 - SWE45

# Part Number				A		E			B	
	Thread mm			inch	mm	inch	mm		inch	mm
10C43-8-4	8	M16x1,5	1/4	2.32	59	0.63	16	19	1.38	35
10C43-12-6	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.



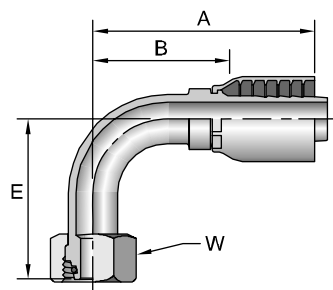
WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

11C43

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

ISO 12151-2 - SWE

# Part Number				A		E			B	
	Thread mm			inch	mm	inch	mm		inch	mm
11C43-8-4	8	M16x1,5	1/4	1.89	48	1.14	29	19	1.02	26
11C43-10-4	10	M18x1,5	1/4	1.97	50	1.14	29	22	1.02	26
11C43-12-5	12	M20x1,5	5/16	2.36	60	1.26	32	24	1.42	36
11C43-12-6	12	M20x1,5	3/8	2.56	65	1.46	37	24	1.38	35
11C43-14-6	14	M22x1,5	3/8	2.56	65	1.46	37	27	1.38	35
11C43-16-8	16	M24x1,5	1/2	2.83	72	1.77	45	30	1.46	37
11C43-20-10	20	M30x2	5/8	3.11	79	1.89	48	36	1.57	40
11C43-20-12	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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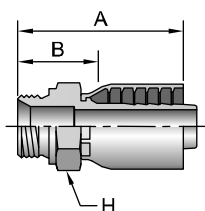
When used in a port, a bonded seal must be used.
See Accessories Section for more information.

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.

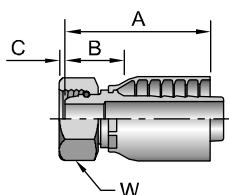


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19243

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.



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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

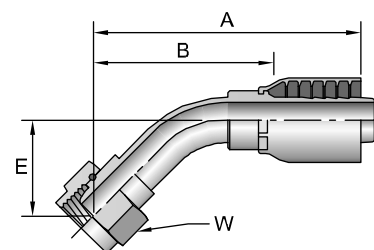
1B143

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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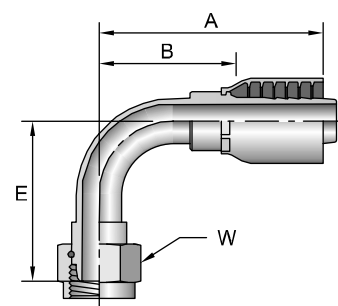


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1B243

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



view on web page

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.



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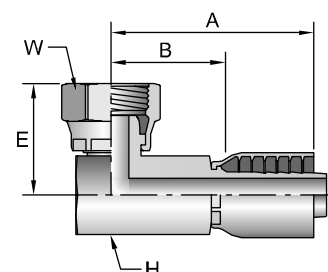
1B443

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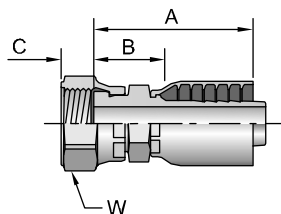
Metric S: Mates with EO "S" Series Fittings.

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



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#			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

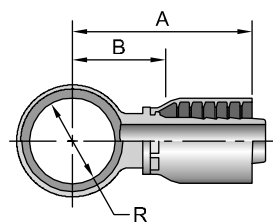
When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.



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14943

DIN Metric Banjo



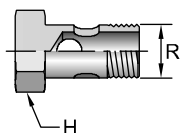
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#			A		B	
Part Number	R mm	Hose I.D. inch	inch	mm	inch	mm
14943-10-4	10	1/4	1.85	47	0.94	24
14943-12-4	12	1/4	1.85	47	0.98	25
14943-14-5	14	5/16	2.01	51	1.06	27
14943-16-6	16	3/8	2.28	58	1.14	29
14943-18-8	18	1/2	2.60	66	1.22	31
14943-22-10	22	5/8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



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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

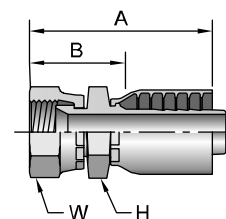
1MU43

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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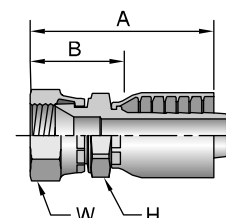
1XU43

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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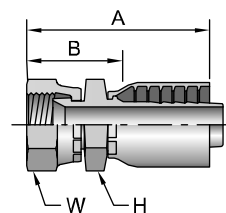
1FU43

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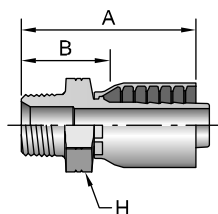
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Use with hoses: 187/TC/ST, 302, 304, 387/TC/ST, 422, 424, 426, 436, 471TC, 471ST, 472TC, 482ST, 487/TC/ST, 722/TC/ST, 787/TC/ST, 797/TC/ST, 881

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

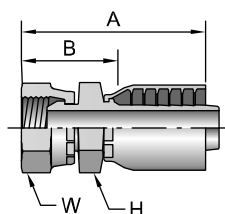


WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

1GU43

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

B8363 Code C



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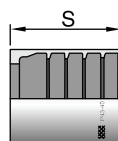
#			A				B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	H mm	W mm	inch	mm
1GU43-4-4	1/4x19	1/4	2.08	53	19	19	1.33	34
1GU43-6-6	3/8x19	3/8	2.45	62	22	22	1.42	36
1GU43-8-8	1/2x14	1/2	2.81	71	27	27	1.56	40
1GU43-12-12	3/4x14	3/4	3.24	82	36	36	1.81	46
1GU43-16-16	1x11	1	3.74	95	41	41	2.12	54
1GU43-20-20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



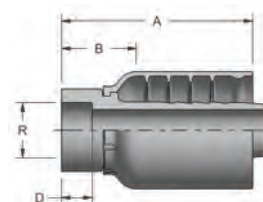
WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

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

1S943

Female Slip-Fit Counterbore for Brazing - Straight

(Inch Size Tube O.D.)



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# 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