



Parkrimp (Crimp) Series
Field Attachable Series

Fittings

B



ENGINEERING YOUR SUCCESS.

Field Attachable Series of Fittings

20 Series	B-141
21 Series	B-151
22 Series	B-159
23 Series	B-163
30 Series	B-167
42 Series	B-173
82 Series	B-180
88 Series	B-197
TB Series	B-205

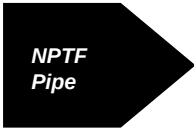
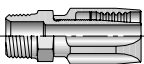
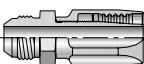
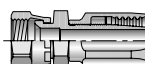
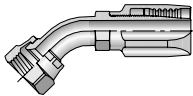
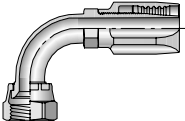
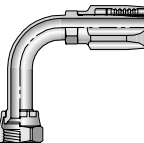
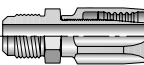
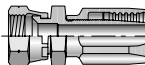
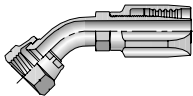
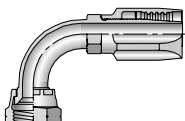
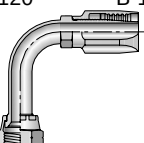
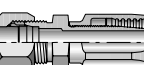
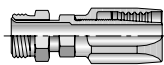
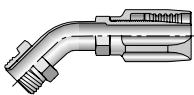
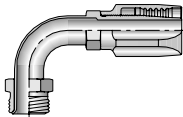
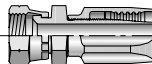
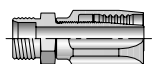
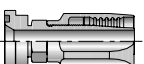
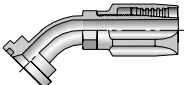
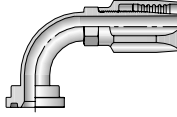
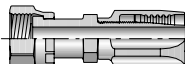
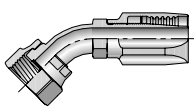
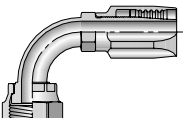
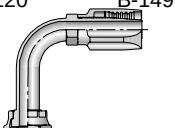
A

B

C

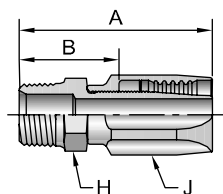
D

E

	20120 B-142  Male - Rigid		20320 B-142  Male - Rigid	20620 B-143  Female - Swivel	23720 B-143  Female - Swivel 45° Elbow - Short
23920 B-144  Female - Swivel 90° Elbow - Short	24120 B-144  Female - Swivel 90° Elbow - Long		20420 B-144  Male - Rigid	20820 B-145  Female - Swivel	27720 B-145  Female - Swivel 45° Elbow
27920 B-145  Female - Swivel 90° Elbow	28120 B-146  Female - Swivel 90° Elbow - Long		21120 B-146  Male - Rigid		22820 B-146  Male - Swivel
26720 B-146  Male - Swivel 45° Elbow	26920 B-147  Male - Swivel 90° Elbow		23220 B-147  Female - Swivel		26120 B-147  Male (without Nut or Sleeve)
	21520 B-147  Flange	21720 B-148  45° Elbow	21920 B-148  90° Elbow		2JS20 B-148  Female - Swivel Long
2J720 B-148  Female - Swivel 45° Elbow	2J920 B-149  Female - Swivel 90° Elbow - Short	2J120 B-149  Female - Swivel 90° Elbow - Long		20 Series Assembly Instructions B-150	

20120

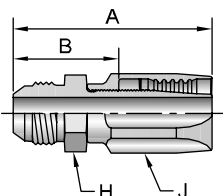
Male NPTF Pipe - Rigid



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

20320

Male JIC 37° - Rigid

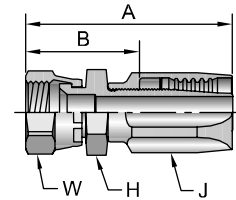


#									
Part Number	Thread inch	Hose I.D. inch	A		H	J	B		
20320-4-4	1/4	7/16x20	1.83	46	1/2	5/8	1.05	27	
20320-5-5	5/16	1/2x20	1.94	49	9/16	11/16	1.11	28	
20320-6-6	3/8	9/16x18	2.11	54	5/8	13/16	1.19	30	
20320-8-8	1/2	3/4x16	2.57	65	13/16	15/16	1.48	38	
20320-10-10	5/8	7/8x14	2.88	73	15/16	1-1/8	1.66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

20620

Female JIC 37° - Swivel

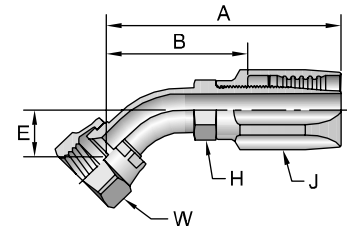
# Part Number	Thread inch	Hose I.D. inch	A inch mm	H inch	J inch	W inch	B inch mm	Additional Material Stainless Steel (C)
20620-4-4	1/4	7/16x20	3/16	1.94 49	9/16	5/8	9/16 1.16 29	•
20620-4-5	1/4	7/16x20	1/4	2.04 52	9/16	11/16	9/16 1.21 31	
20620-5-5	5/16	1/2x20	1/4	2.12 54	5/8	11/16	5/8 1.29 33	
20620-6-5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



23720

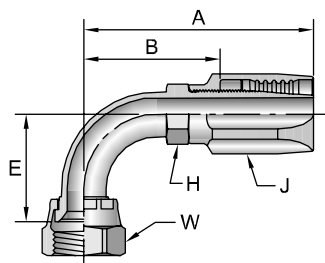
Female JIC 37° - Swivel - 45° Elbow - Short Drop

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



23920

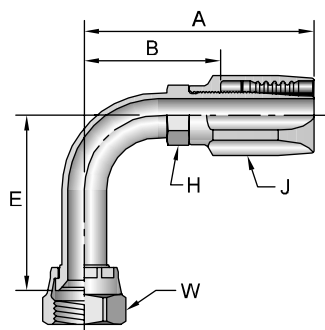
Female JIC 37° - Swivel - 90° Elbow - Short Drop



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

24120

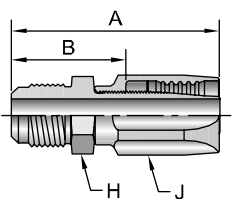
Female JIC 37° - Swivel - 90° Elbow - Long Drop



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

20420

Male SAE 45° - Rigid

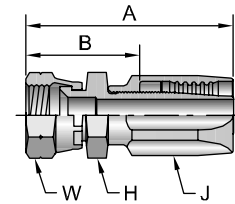


#				A				B	
Part Number	Thread inch	Hose I.D. inch		inch	mm	H inch	J inch	inch	mm
20420-4-4	1/4	7/16x20	3/16	1.80	46	1/2	5/8	1.02	26
20420-5-5	5/16	1/2x20	1/4	1.94	49	9/16	11/16	1.11	28
20420-6-6	3/8	5/8x18	5/16	2.17	55	11/16	13/16	1.25	32
20420-8-8	1/2	3/4x16	13/32	2.67	68	13/16	15/16	1.58	40
20420-10-10	5/8	7/8x14	1/2	3.00	76	15/16	1-1/8	1.78	45
20420-12-12	3/4	1-1/16x14	5/8	3.50	89	1-1/8	1-1/4	2.00	51

20820

Female SAE 45° - Swivel

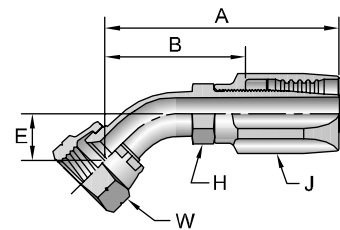
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Part Number	Thread	Hose I.D.		inch	mm	inch	inch	inch	inch	mm
20820-4-4	1/4	7/16x20	3/16	1.94	49	9/16	5/8	9/16	1.16	29
20820-4-5	1/4	7/16x20	1/4	2.04	52	9/16	11-16	9/16	1.21	31
20820-5-5	5/16	1/2x20	1/4	2.12	54	5/8	11-16	5/8	1.29	33
20820-6-6	3/8	5/8x18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



27720

Female SAE 45° - Swivel - 45° Elbow

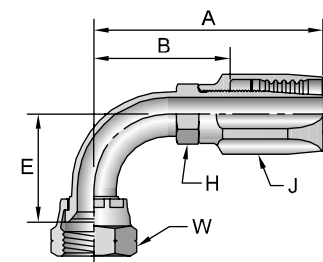
#			A		E		H	J	W	B	
Part Number	Thread	Hose I.D.	inch	mm	inch	mm	inch	inch	inch	inch	mm
27720-6-6	3/8	5/8x18	2.45	62	0.39	10	1/2	13/16	3/4	1.53	39
27720-8-6	1/2	3/4x16	2.77	71	0.55	14	5/8	13/16	7/8	1.86	47
27720-8-8	1/2	3/4x16	3.09	78	0.55	14	5/8	15/16	7/8	2.00	51
27720-10-10	5/8	7/8x14	3.35	85	0.65	17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



27920

Female SAE 45° - Swivel - 90° Elbow

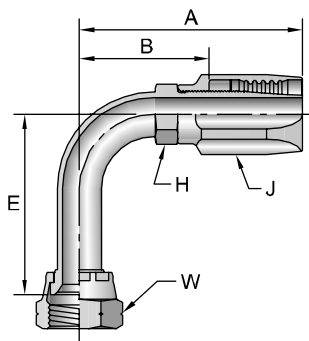
#			A		E		H	J	W	B	
Part Number	Thread	Hose I.D.	inch	mm	inch	mm	inch	inch	inch	inch	mm
27920-4-4	1/4	7/16x20	1.91	49	0.83	21	3/8	5/8	9/16	1.13	29
27920-5-5	5/16	1/2x20	2.30	58	0.77	20	7/16	11/16	5/8	1.47	37
27920-6-6	3/8	5/8x18	2.33	59	0.85	22	1/2	13/16	3/4	1.41	36
27920-8-8	1/2	3/4x16	2.86	73	1.09	28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



Notch in nut signifies 45° flare.

28120

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

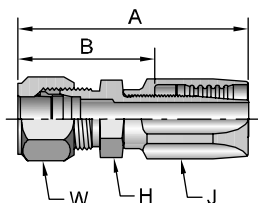


#										
Part Number	Thread	Hose I.D.	A		E		H	J	W	B
	inch	inch	inch	mm	inch	mm	inch	inch	inch	mm
28120-6-6	3/8 5/8x18	5/16	2.34	59	2.18	55	1/2	13/16	3/4	1.42 36
28120-8-8	1/2 3/4x16	13/32	2.95	75	2.43	62	5/8	15/16	7/8	1.86 47

Notch in nut signifies 45° flare.

21120

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

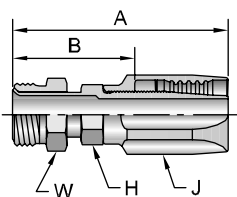


#			A					B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	H inch	J inch	W inch	inch	mm
21120-6-6	3/8 9/16x18	5/16	2.05	52	5/8	13/16	11/16	1.13	29
21120-8-8	1/2 3/4x16	13/32	2.52	64	13/16	15/16	7/8	1.43	36

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

22820

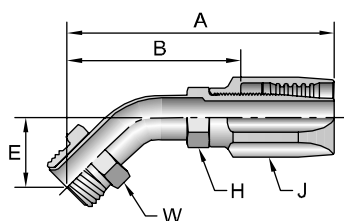
Male Inverted SAE 45° - Swivel



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

26720

Male Inverted SAE 45° - Swivel - 45° Elbow

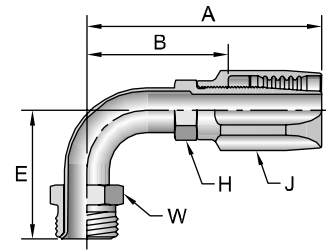


#										
Part Number	Thread	Hose I.D.	A		E		H	J	W	B
	inch	inch	inch	mm	inch	mm	inch	inch	inch	mm
26720-4-4	1/4 7/16x24	3/16	2.21	56	0.62	16	3/8	5/8	7/16	1.43 36
26720-5-5	5/16 1/2x20	1/4	2.44	62	0.70	18	7/16	11/16	1/2	1.61 41
26720-6-6	3/8 5/8x18	5/16	3.00	76	0.94	24	1/2	13/16	5/8	2.08 53
26720-8-8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

26920

Male Inverted SAE 45° - Swivel - 90° Elbow

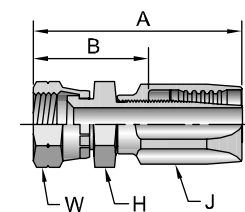
#				A		E		H	J	W	B	
Part Number	Thread	Hose I.D.		inch	mm	inch	mm	inch	inch	inch	inch	mm
26920-4-4	1/4	7/16x24	3/16	2.29	58	1.56	40	3/8	5/8	7/16	1.51	38
26920-5-5	5/16	1/2x20	1/4	2.55	65	1.65	42	7/16	11/16	1/2	1.72	44
26920-5-6	5/16	1/2x20	5/16	2.63	67	1.65	42	1/2	13/16	1/2	1.71	43
26920-6-6	3/8	5/8x18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



23220

Female PTT 30° - Swivel

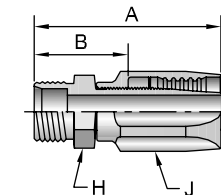
#				A		H	J	W	B	
Part Number	Thread	Hose I.D.		inch	mm	inch	inch	inch	inch	mm
23220-16-16	1	1-5/16x14	7/8	2.98	76	1-1/2	1-7/16	1-1/2	1.79	45



26120

Male SAE Compression Seat
(without Nut or Sleeve)

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

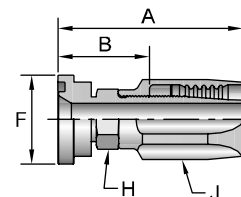


21520

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

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

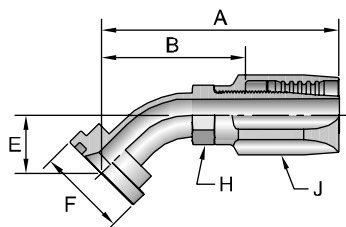
See Accessories Section for O-Rings and Flange Kits.



21720

SAE Code 61 Flange Head - 45° Elbow

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

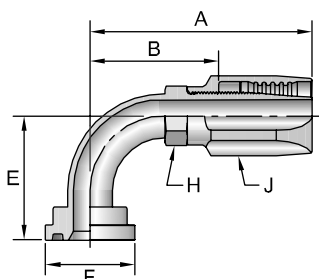


#			A		E					B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	inch	inch	mm
21720-20-20	1-1/4	1-1/8	4.10	104	1.12	28	2	1-1/2	1-3/4	2.82	72
21720-40-40	2-1/2	2-3/8	5.83	148	1.41	36	3-3/8	2-3/4	3-1/8	4.02	102

21920

SAE Code 61 Flange Head - 90° Elbow

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

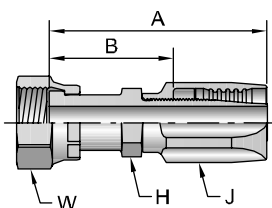


#			A		E					B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	inch	inch	mm
21920-8-8	1/2	13/32	2.95	75	1.62	41	1-3/16	5/8	15/16	1.86	47
21920-32-32	2	1-13/16	5.44	138	3.19	81	2-13/16	2-1/4	2-1/2	3.70	94
21920-40-40	2-1/2	2-3/8	6.18	157	3.75	95	3-5/16	2-3/4	3-1/8	4.37	111

2JS20

Female Seal-Lok® - Swivel - Long

ISO 12151-1 - SWSB

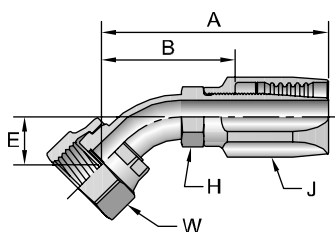


#				A					B	
Part Number	Thread	inch	Hose I.D.	inch	mm	H	J	W	inch	mm
2JS20-4-4	1/4	9/16x18	3/16	2.07	53	9/16	5/8	11/16	1.29	33
2JS20-6-6	3/8	11/16x16	5/16	2.36	60	1/2	13/16	13/16	1.44	37
2JS20-8-8	1/2	13/16x16	13/32	2.92	74	5/8	15/16	15/16	1.83	46
2JS20-10-10	5/8	1x14	1/2	3.15	80	3/4	1-1/8	1-1/8	1.93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

2J720

Female Seal-Lok® - Swivel - 45° Elbow

ISO 12151-1 - SWE45



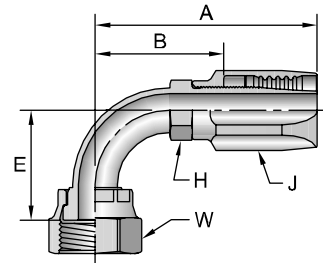
#												
Part Number	Thread		Hose I.D.	A	E			H	J	W	B	
	inch		inch	inch	mm	inch	mm	inch	inch	inch	inch	mm
2J720-4-4	1/4	9/16x18	3/16	2.24	57	0.41	10	7/16	5/8	11/16	1.46	37
2J720-6-6	3/8	11/16x16	5/16	2.52	64	0.43	11	1/2	13/16	13/16	1.60	41
2J720-8-8	1/2	13/16x16	13/32	3.19	81	0.59	15	5/8	15/16	15/16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

See Accessories Section for O-Rings and Flange Kits.

2J920

Female Seal-Lok® - Swivel 90° Elbow - Short Drop
 ISO 12151-1 - SWE90

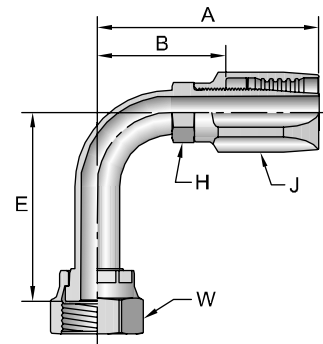
# Part Number	Thread		Hose I.D. inch	A		E		H	J	W	B	
	inch			inch	mm	inch	mm	inch	inch	inch	inch	mm
2J920-4-4	1/4	9/16x18	3/16	2.22	56	0.82	21	7/16	5/8	11/16	1.44	37
2J920-6-6	3/8	11/16x16	5/16	2.39	61	0.90	23	1/2	13/16	13/16	1.47	37
2J920-8-8	1/2	13/16x16	13/32	2.91	74	1.15	29	5/8	15/16	15/16	1.82	46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



2J120

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

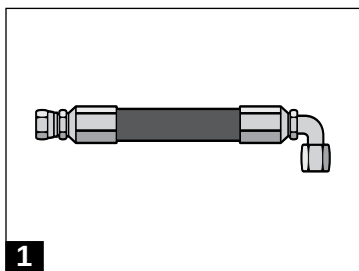
# Part Number	Thread		Hose I.D. inch	A		E		H	J	W	B	
	inch			inch	mm	inch	mm	inch	inch	inch	inch	mm
2J120-4-4	1/4	9/16x18	3/16	2.01	51	1.80	46	7/16	5/8	11/16	1.23	31
2J120-6-6	3/8	11/16x16	5/16	2.48	63	2.13	54	1/2	13/16	13/16	1.56	40
2J120-8-8	1/2	13/16x16	13/32	2.96	75	2.51	64	5/8	15/16	15/16	1.87	47



See Accessories Section for O-Rings.

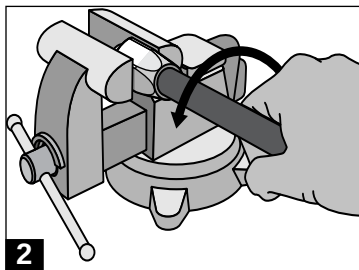
20 Series Hose Assembly Instructions

A



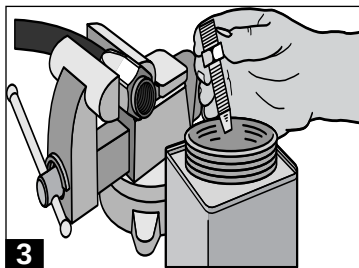
1. Identify over all length (OAL) of hose assembly and the cut off allowance (COA) length of fitting(s) on hose ends by use of the fitting data table. Properly measure, mark and cut hose to desired length using fine tooth hacksaw or cutoff machine. Care should be taken to ensure a square, clean cut is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

B



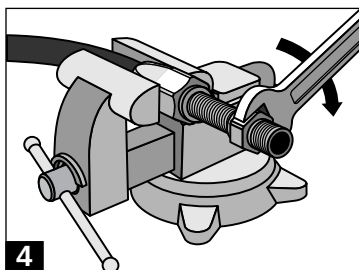
2. Air or solvent flush cut end of hose as necessary to produce a clean hose ID prior to assembly. Place socket in vice and screw in hose counter clockwise until hose bottoms. Back hose out $\frac{1}{2}$ turn.

C



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

D



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

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

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

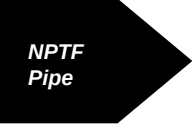
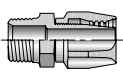
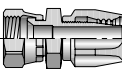
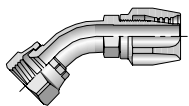
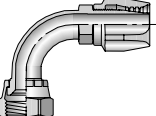
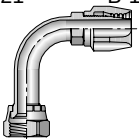
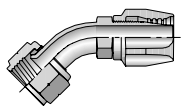
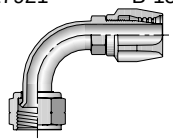
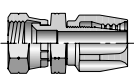
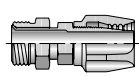
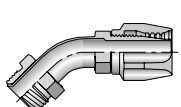
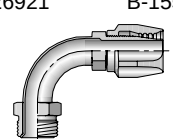
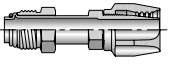
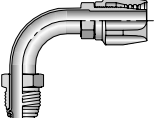
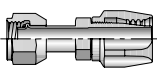
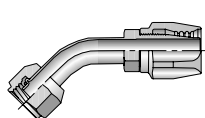
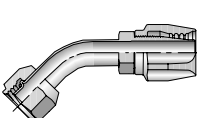
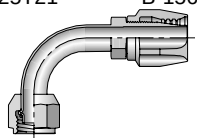
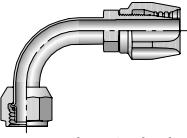
Note: DISASSEMBLE IN REVERSE ORDER

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

PHONE: 440/943-5700

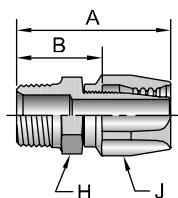
FAX: 440/943-3129

<http://www.parkerhose.com>

 NPTF Pipe	20121 B-152  Male - Rigid	 JIC 37°	20621 B-152  Female - Swivel	23721 B-152  Female - Swivel 45° Elbow - Short	23921 B-153  Female - Swivel 90° Elbow - Short
24121 B-153  Female - Swivel 90° Elbow - Long	 SAE 45°	20821 B-153  Female - Swivel	27721 B-153  Female - Swivel 45° Elbow	27921 B-154  Female - Swivel 90° Elbow	 PTT 30°
23221 B-154  Female - Swivel	 Inverted Flare	22821 B-154  Male - Swivel	26721 B-154  Male - Swivel 45° Elbow	26921 B-155  Male - Swivel 90° Elbow	 Tube-O
2S521 B-155  Male - Swivel Short	25M21 B-155  Male - Swivel 90° Elbow - Long	25S21 B-155  Female - Swivel Short	25H21 B-156  Female - Swivel 45° Elbow - Short	25N21 B-156  Female - Swivel 45° Elbow - Long	25T21 B-156  Female - Swivel 90° Elbow - Short
25L21 B-156  Female - Swivel 90° Elbow - Long	 Assembly Instructions	21 Series B-157 Assembly Instructions			

20121

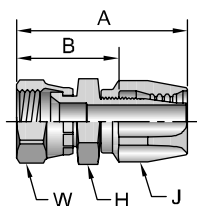
Male NPTF Pipe - Rigid



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

20621

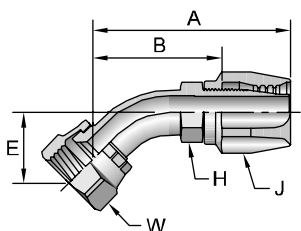
Female JIC 37° - Swivel



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

23721

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

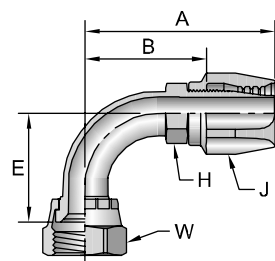


#												
Part Number	Thread inch		Hose I.D. inch	A inch mm		E inch mm		H inch	J inch	W inch	B inch mm	
23721-4-4	1/4	7/16x20	3/16	2.11	54	0.39	10	3/8	9/16	9/16	1.43	36
23721-6-6	3/8	9/16x18	5/16	2.26	57	0.40	10	1/2	3/4	11/16	1.48	38
23721-8-8	1/2	3/4x16	13/32	2.73	69	0.55	14	5/8	7/8	7/8	1.81	46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

23921

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

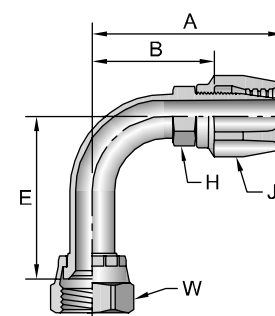
#				A		E		H	J	W	B	
Part Number	Thread	Hose I.D.		inch	mm	inch	mm	inch	inch	inch	inch	mm
23921-4-4	1/4	7/16 x 20	3/16	1.88	48	0.83	21	3/8	9/16	9/16	1.20	30
23921-4-6	1/4	7/16 x 20	5/16	1.95	50	0.83	21	1/2	3/4	9/16	1.17	30
23921-5-5	5/16	1/2 x 20	1/4	2.07	53	0.77	20	7/16	5/8	5/8	1.33	34
23921-6-6	3/8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



24121

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

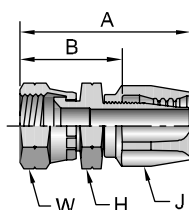
#				A		E		H	J	W	B	
Part Number	Thread	Hose I.D.		inch	mm	inch	mm	inch	inch	inch	inch	mm
24121-4-4	1/4	7/16x20	3/16	1.88	48	2.52	64	3/8	9/16	9/16	1.20	30
24121-6-6	3/8	9/16x18	5/16	2.14	54	2.18	55	1/2	3/4	11/16	1.36	35
24121-8-8	1/2	3/4x16	13/32	2.45	62	2.52	64	5/8	7/8	7/8	1.53	39
24121-10-10	5/8	7/8x14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



20821

Female SAE 45° - Swivel

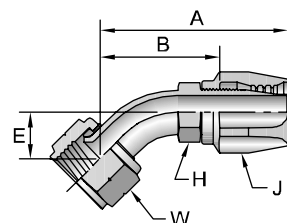
#				A		H	J	W	B	
Part Number	Thread	Hose I.D.		inch	mm	inch	inch	inch	inch	mm
20821-4-4	1/4	7/16x20	3/16	1.83	46	9/16	9/16	9/16	1.16	29
20821-5-5	5/16	1/2x20	1/4	1.91	49	5/8	5/8	5/8	1.17	30
20821-6-6	3/8	5/8x18	5/16	2.12	54	3/4	3/4	3/4	1.34	34
20821-8-8	1/2	3/4x16	13/32	2.46	62	7/8	7/8	7/8	1.54	39
20821-10-10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



27721

Female SAE 45° - Swivel - 45° Elbow

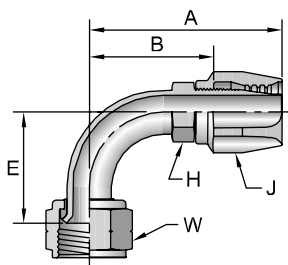
#				A		E		H	J	W	B	
Part Number	Thread	Hose I.D.		inch	mm	inch	mm	inch	inch	inch	inch	mm
27721-6-6	3/8	5/8x18	5/16	2.26	57	0.40	10	1/2	3/4	3/4	1.48	38
27721-12-12	3/4	1-1/16x14	5/8	3.30	84	0.83	21	7/8	1-1/4	1-1/4	2.22	56



Notch in nut signifies 45° flare.

27921

Female SAE 45° - Swivel - 90° Elbow

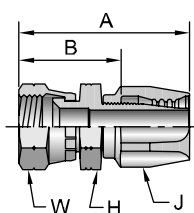


#	Thread	Hose I.D.	A	E	H	J	W	B
Part Number	inch	inch	inch	mm	inch	inch	inch	inch
27921-6-6	3/8 5/8x18	5/16	2.15 55	0.85 22	1/2	3/4	3/4	1.37 35
27921-12-12	3/4 1-1/16x14	5/8	2.88 73	1.89 48	7/8	1-1/4	1-1/4	1.89 46

Notch in nut signifies 45° flare.

23221

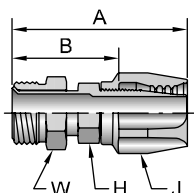
Female PTT 30° - Swivel



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

22821

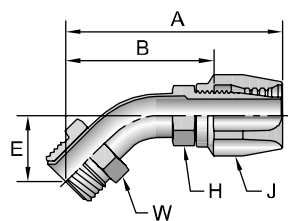
Male Inverted SAE 45° - Swivel



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

26721

Male Inverted SAE 45° - Swivel - 45° Elbow

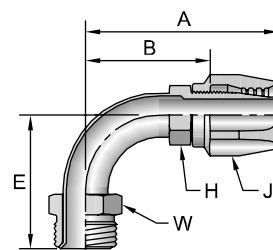


#	Thread	Hose I.D.	A	E	H	J	W	B
Part Number	inch	inch	inch	mm	inch	inch	inch	inch
26721-4-4	1/4 7/16x24	3/16	2.35 60	0.62 16	3/8	9/16	7/16	1.67 42
26721-5-5	5/16 1/2x20	1/4	2.59 66	0.94 24	7/16	5/8	1/2	1.85 47
26721-6-6	3/8 5/8x18	5/16	2.73 69	0.94 24	1/2	3/4	5/8	1.95 50
26721-8-8	1/2 3/4x18	13/32	3.05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

26921

Male Inverted SAE 45° - Swivel - 90° Elbow

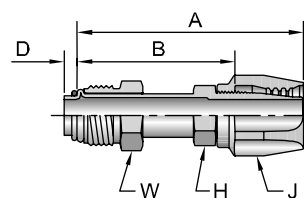
#				A		E		H	J	W	B	
Part Number	Thread	Hose I.D.		inch	mm	inch	mm	inch	inch	inch	inch	mm
26921-4-4	1/4	7/16x24	3/16	2.45	62	1.56	40	3/8	9/16	7/16	1.77	45
26921-5-5	5/16	1/2x20	1/4	2.25	57	1.65	42	7/16	5/8	1/2	1.51	38
26921-5-6	5/16	1/2x20	5/16	2.38	60	1.65	42	1/2	3/4	1/2	1.60	41
26921-6-6	3/8	5/8x18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



2S521

Male Tube-O - Swivel - Short Pilot

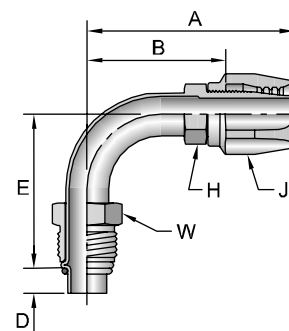
#				A		D		H	J	W	B	
Part Number	Thread	Hose I.D.		inch	mm	inch	mm	inch	inch	inch	inch	mm
2S521-6-6	3/8	5/8x18	5/16	2.64	67	0.18	4,7	1/2	3/4	5/8	1.86	47



25M21

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

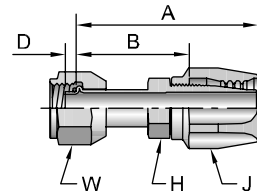
#				A		D		E		H	J	W	B	
Part Number	Thread	Hose I.D.		inch	mm	inch	mm	inch	mm	inch	inch	inch	inch	mm
25M21-8-8	1/2	3/4x18	13/32	2.49	63	0.38	9,8	2.12	54	5/8	7/8	3/4	1.57	40
25M21-10-10	5/8	7/8x18	1/2	3.27	83	0.38	9,8	1.95	50	3/4	1-1/16	7/8	2.27	58



25S21

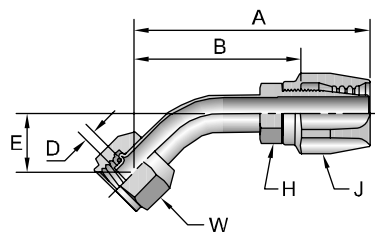
Female Tube-O - Swivel - Short Pilot

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



25H21

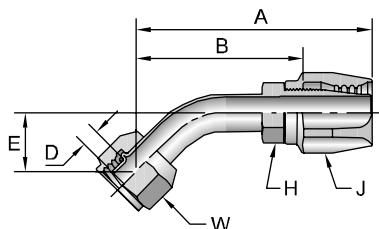
Female Tube-O - Swivel - 45° Elbow - Short Pilot



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

25N21

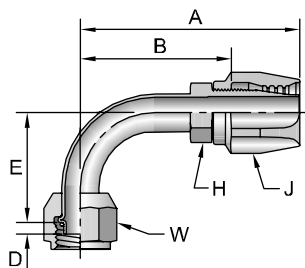
Female Tube-O - Swivel - 45° Elbow - Long Pilot



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

25T21

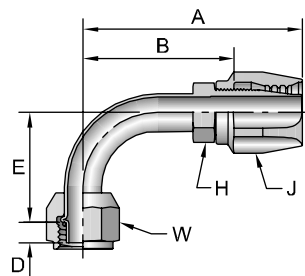
Female Tube-O - Swivel - 90° Elbow - Short Pilot



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

25L21

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



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

21 Series

Hose Assembly Instructions

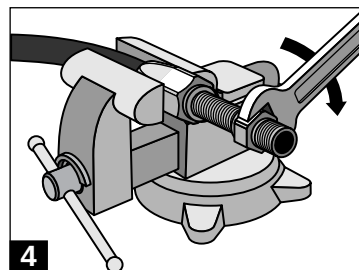
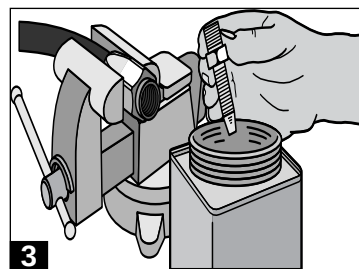
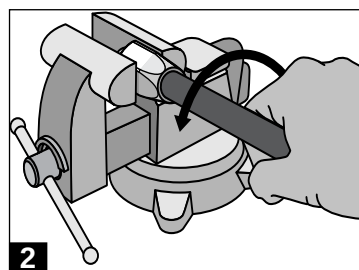
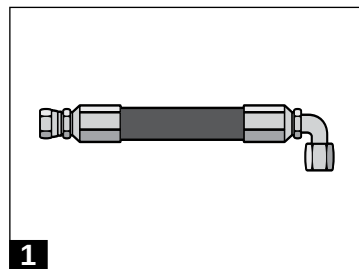
1. Identify over all length (OAL) of hose assembly and the cut off allowance (COA) length of fitting(s) on hose ends by use of the fitting data table. Properly measure, mark and cut hose to desired length using fine tooth hacksaw or a cutoff machine. Care should be taken to ensure a square, clean cut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

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

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

Note: Disassemble in reverse order.

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



A

B

C

D

E

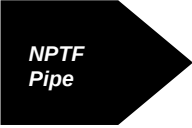
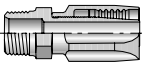
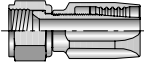
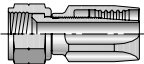
A

B

C

D

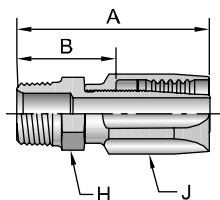
E

 NPTF Pipe	20122 B-160  <i>Male - Rigid</i>	 JIC 37°	20622 B-160  <i>Female - Swivel</i>	 SAE 45°	20822 B-160  <i>Female - Swivel</i>
 Assembly Instructions	22 Series B-161 Assembly Instructions				

A
B
C
D
E

20122

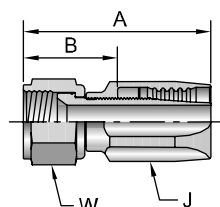
Male NPTF Pipe - Rigid



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

20622

Female JIC 37° - Swivel

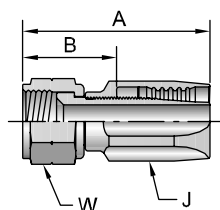


# Part Number	Thread inch		Hose I.D. inch	A		J	W	B		Additional Material Brass (B)
				inch	mm	inch	inch	inch	mm	
20622-4-4~	1/4	7/16x20	3/16	1.74	44	5/8	9/16	0.96	24	•
20622-5-5~	5/16	1/2x20	1/4	1.91	49	11/16	5/8	1.08	27	•
20622-6-6	3/8	9/16x18	5/16	2.05	52	13/16	11/16	1.13	29	•
20622-8-8~	1/2	3/4x16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

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

20822

Female SAE 45° - Swivel



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

Notch in nut for SAE (45°) flare.

22 Series

Mandrel Assembly Instructions

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

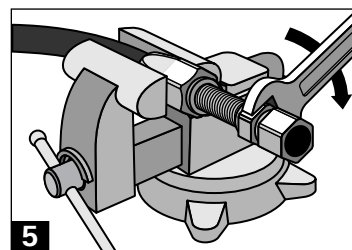
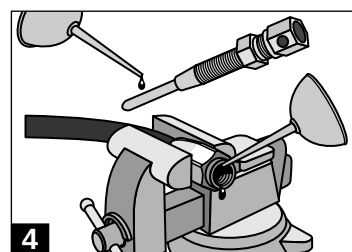
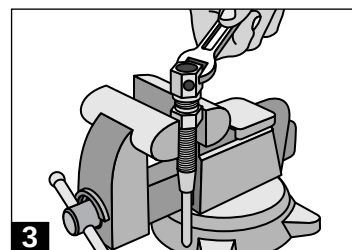
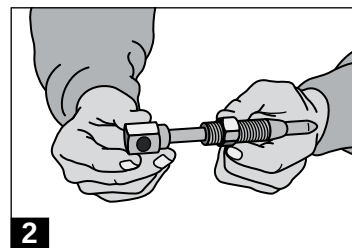
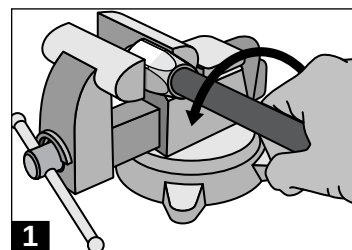
Note: Disassemble in reverse order.

Caution: Do Not Attempt to Assemble These Fittings to the Hose Without Using a Mandrel.

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

Special Instructions for Refrigerant Hose. Oil inside of hose and nipple threads liberally with the same oil used in refrigeration system. **Do not oil hose cover.** Do not allow hose to contact any petroleum base fluids.

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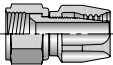
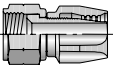
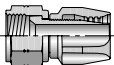
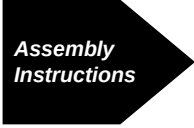
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	20623 B-164  <i>Female - Swivel</i>		20823 B-164  <i>Female - Swivel</i>		23223 B-164  <i>Female - Swivel</i>
	23 Series Assembly Instructions B-165				

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B

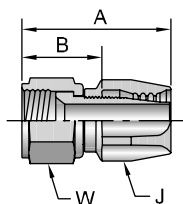
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20623

Female JIC 37° - Swivel

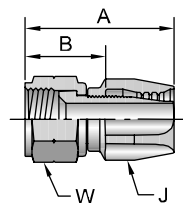


#				A				B	
Part Number	Thread inch		Hose I.D. inch	inch	mm	inch	inch	inch	mm
20623-4-4~	1/4	7/16x20	3/16	1.63	41	9/16	9/16	0.96	24
20623-5-5~	5/16	1/2x20	1/4	1.70	43	5/8	5/8	0.96	24
20623-6-6	3/8	9/16x18	5/16	1.91	49	3/4	11/16	1.13	29
20623-8-8~	1/2	3/4x16	13/32	2.16	55	7/8	7/8	1.24	31
20623-10-10~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

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

20823

Female SAE 45° - Swivel

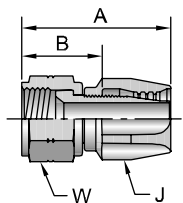


#										Additional Material
Part Number	Thread inch		Hose I.D. inch	A inch mm		J inch	W inch	B inch mm		Brass (B)
20823-4-4	1/4	7/16x20	3/16	1.68	43	9/16	9/16	1.01	26	•
20823-6-6	3/8	5/8x18	5/16	1.94	49	3/4	3/4	1.16	29	•
20823-8-8	1/2	3/4x16	13/32	2.08	53	7/8	7/8	1.16	29	•
20823-10-10	5/8	7/8x14	1/2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

Notch on nut signifies SAE 45° flared fitting.

23223

Female PTT 30° - Swivel



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

23 Series

Mandrel Assembly Instructions

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

Note: Disassemble in reverse order.

Caution: Do Not Attempt to Assemble These Fittings to the Hose Without Using a Mandrel.

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

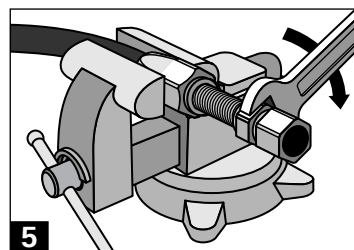
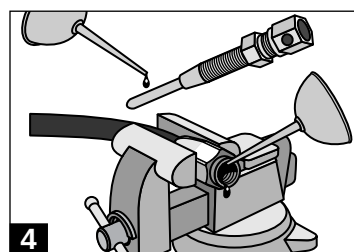
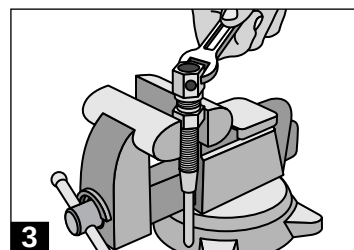
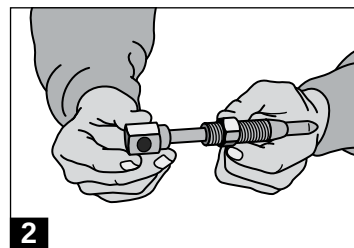
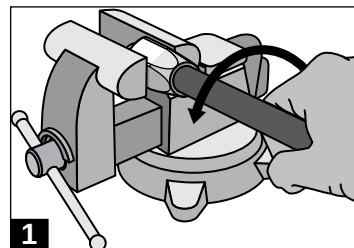
Special Instructions for Refrigerant Hose. Oil inside of hose and nipple threads liberally with the same oil used in refrigeration system. **Do not oil hose cover.** Do not allow hose to contact any petroleum base fluids.

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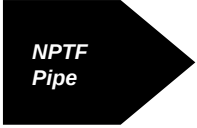
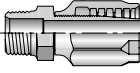
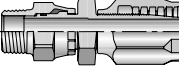
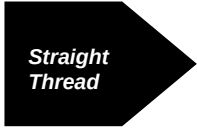
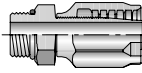
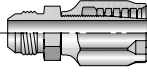
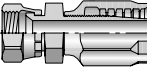
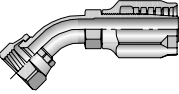
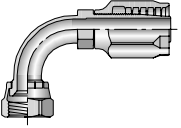
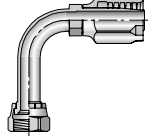
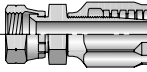
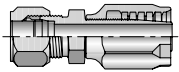
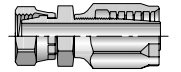
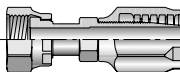
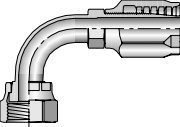
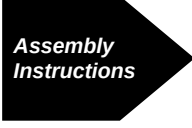
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 NPTF Pipe	20130 B-168  <i>Male - Rigid</i>	21330 B-168  <i>Male - Swivel</i>	 Straight Thread	20530 B-168  <i>Male - Rigid</i>	 JIC 37°
20330 B-169  <i>Male - Rigid</i>	20630 B-169  <i>Female - Swivel</i>	23730 B-170  <i>Female - Swivel 45° Elbow - Short</i>	23930 B-170  <i>Female - Swivel 90° Elbow - Short</i>	24130 B-170  <i>Female - Swivel 45° Elbow - Long</i>	 SAE
20830 B-170  <i>Female - Swivel</i>	 Flareless	21130 B-171  <i>Male - Rigid</i>	21230 B-171  <i>Female - Swivel</i>	 Seal-Lok® O-Ring Face Seal	2JS30 B-171  <i>Female - Swivel Long</i>
2J930 B-171  <i>Female - Swivel 90° Elbow - Short</i>	 Assembly Instructions	30 Series Assembly Instructions			

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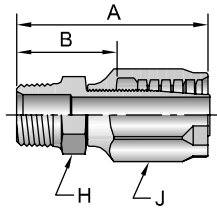
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20130

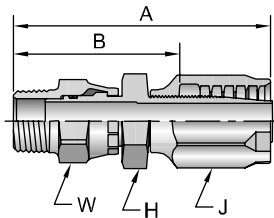
Male NPTF Pipe - Rigid



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

21330

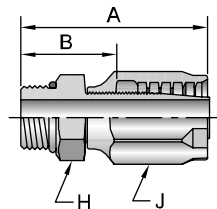
Male NPTF Pipe - Swivel



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

20530

Male SAE Straight Thread with O-Ring - Rigid



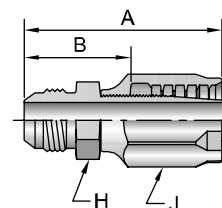
#								
Part Number	Thread inch	Hose I.D. inch	A		H	J	B	
			inch	mm	inch	inch	inch	mm
20530-4-4	1/4	7/16x20	1/4	2.22	56	9/16	3/4	1.26
20530-6-6	3/8	9/16x18	3/8	2.45	62	11/16	15/16	1.31
20530-8-8	1/2	3/4x16	1/2	2.87	73	7/8	1-1/16	1.53

O-Rings are not compatible with Phosphate Ester fluids.

20330

Male JIC 37° - Rigid

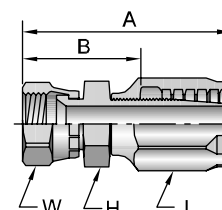
# Part Number	Thread		Hose I.D. inch	A		H inch	J inch	B	
	inch			inch	mm			inch	mm
20330-4-4	1/4	7/16x20	1/4	2.37	60	9/16	3/4	1.41	36
20330-5-4	5/16	1/2x20	1/4	2.37	60	9/16	3/4	1.41	36
20330-6-4	3/8	9/16x18	1/4	2.38	60	5/8	3/4	1.42	36
20330-6-6	3/8	9/16x18	3/8	2.58	66	3/4	15/16	1.44	37
20330-8-6	1/2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



20630

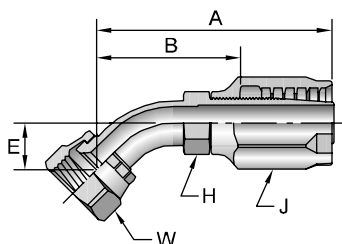
Female JIC 37° - Swivel

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



23730

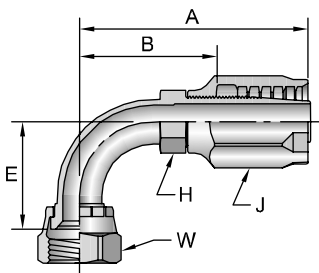
Female JIC 37° - Swivel - 45° Elbow - Short Drop



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

23930

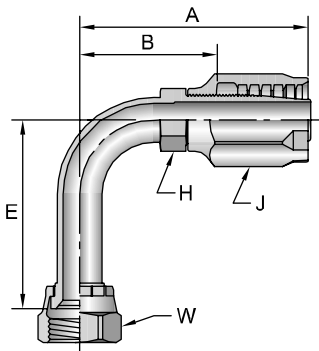
Female JIC 37° - Swivel - 90° Elbow - Short Drop



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

24130

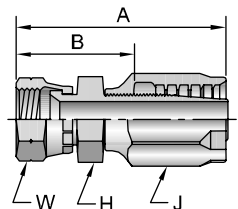
Female JIC 37° - Swivel - 90° Elbow - Long Drop



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

20830

Female SAE 45° - Swivel



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

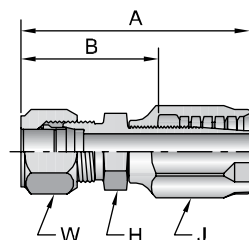
Notch on nut signifies SAE 45° flare.

21130

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

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

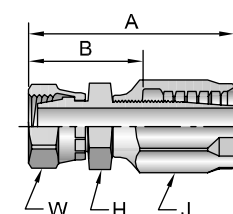
The Parker Ferrul-Fix fitting makes it possible to salvage the bent tube section from a hose assembly for quick, easy on-the-job repairs. For additional information see Ferrule-Fix installation instructions in the Technical Section.



21230

Female Ferulok Flareless - Swivel - (24° Cone)

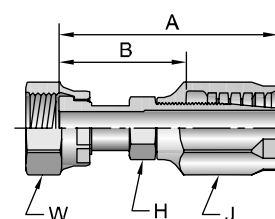
#										
Part Number	Thread	Hose I.D.	A		H	J	W	B		
	inch	inch	inch	mm	inch	inch	inch	inch	mm	
21230-4-4	1/4 7/16x20	1/4	2.62	67	9/16	3/4	9/16	1.66	42	
21230-6-6	3/8 9/16x18	3/8	2.94	75	11/16	15/16	11/16	1.80	46	
21230-8-6	1/2 3/4x16	3/8	3.16	80	7/8	15/16	7/8	2.02	51	
21230-8-8	1/2 3/4x16	1/2	3.44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



2JS30

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

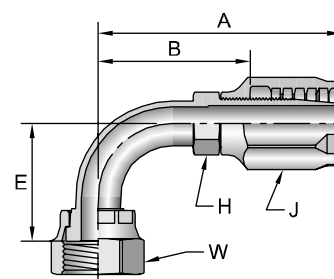
#										
Part Number	Thread	Hose I.D.	A		H	J	W	B		
	inch	inch	inch	mm	inch	inch	inch	inch	mm	
2JS30-4-4	1/4 9/16x18	1/4	2.62	67	9/16	3/4	11/16	1.66	42	
2JS30-6-6	3/8 11/16x16	3/8	2.89	73	9/16	15/16	13/16	1.75	44	
2JS30-8-8	1/2 13/16x16	1/2	3.32	84	11/16	1-1/16	15/16	1.98	50	
2JS30-12-12	3/4 1-3/16x12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



2J930

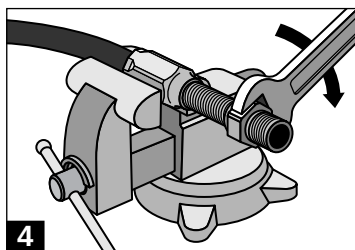
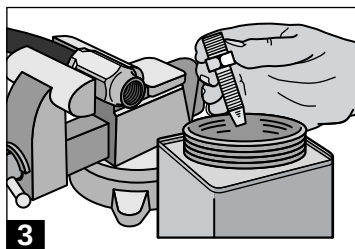
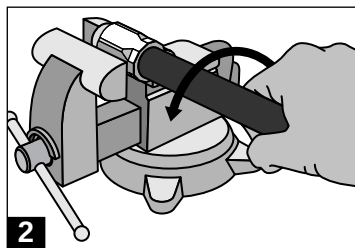
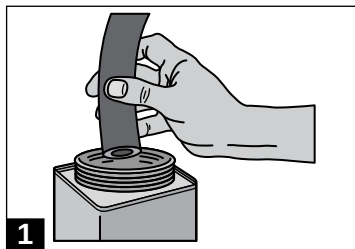
Female Seal-Lok® - Swivel - 90° Elbow - Short Drop
ISO 12151-1 - SWES90

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



See Accessories Section for O-Rings.

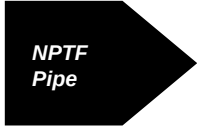
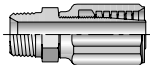
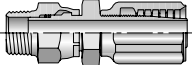
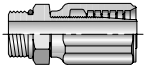
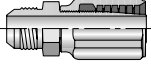
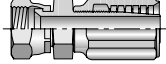
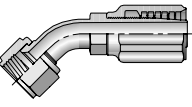
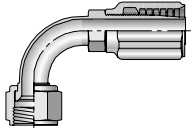
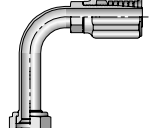
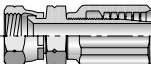
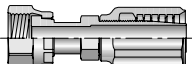
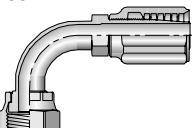
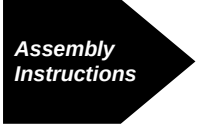
30 Series Hose Assembly Instructions



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

Note: Disassemble in reverse order.

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

 NPTF Pipe	20142 B-174  <i>Male - Rigid</i>	21342 B-174  <i>Male - Swivel</i>	 SAE	20542 B-174  <i>Male - Rigid</i>	 JIC 37°
20342 B-175  <i>Male - Rigid</i>	20642 B-175  <i>Female - Swivel</i>	23742 B-176  <i>Female - Swivel 45° Elbow - Short</i>	23942 B-176  <i>Female - Swivel 90° Elbow - Short</i>	24142 B-176  <i>Female - Swivel 45° Elbow - Long</i>	 SAE
20842 B-176  <i>Female - Swivel</i>	 Seal-Lok® O-Ring Face Seal	2JS42 B-177  <i>Female - Swivel Long</i>	2J942 B-177  <i>Female - Swivel 90° Elbow - Short</i>	 Assembly Instructions	42 Series Assembly Instructions B-178

A

B

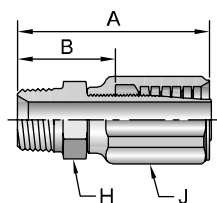
C

D

E

20142

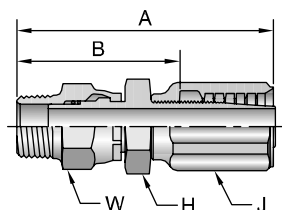
Male NPTF Pipe - Rigid



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

21342

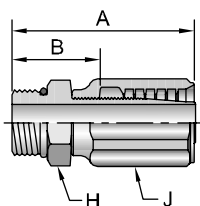
Male NPTF Pipe - Swivel



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

20542

Male SAE Straight Thread with O-Ring - Rigid



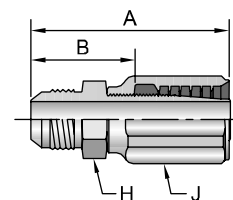
#			A		H	J	B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	inch	inch	mm
20542-4-4	1/4 7/16X20	1/4	2.2	56	9/16	11/16	1.28	33
20542-6-6	3/8 9/16x18	3/8	2.47	63	11/16	7/8	1.32	34
20542-8-8	1/2 3/4X16	1/2	2.78	71	7/8	1	1.45	37

O-Rings are not compatible with Phosphate Ester fluids.

20342

Male JIC 37° - Rigid

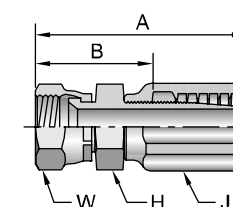
# Part Number	Thread		Hose I.D. inch	A		H inch	J inch	B	
	inch			inch	mm			inch	mm
20342-4-4	1/4	7/16x20	1/4	2.35	60	9/16	11/16	1.43	36
20342-6-4	3/8	9/16x18	1/4	2.36	60	5/8	11/16	1.44	36
20342-6-5	3/8	9/16x18	5/16	2.39	61	5/8	13/16	1.43	36
20342-6-6	3/8	9/16x18	3/8	2.60	66	3/4	7/8	1.45	37
20342-8-6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



20642

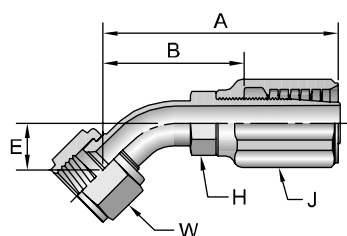
Female JIC 37° - Swivel

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



23742

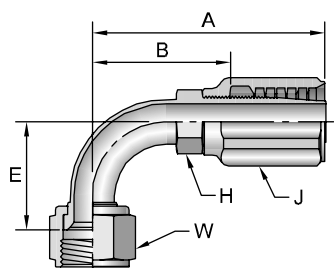
Female JIC 37° - Swivel - 45° Elbow - Short Drop



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

23942

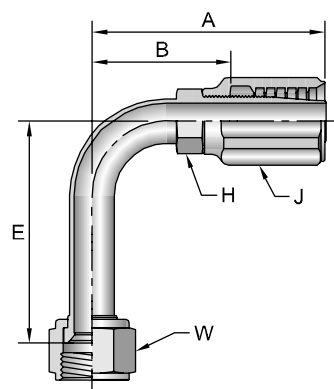
Female JIC 37° - Swivel - 90° Elbow - Short Drop



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

24142

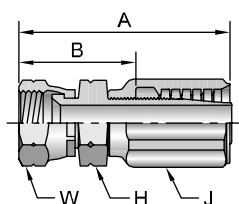
Female JIC 37° - Swivel - 90° Elbow - Long Drop



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

20842

Female SAE 45° - Swivel



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

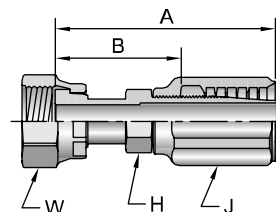
Notch on nut signifies SAE 45° flare.

2JS42

Female Seal-Lok® - Swivel - Long

ISO - 12151-1 - SWSB

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

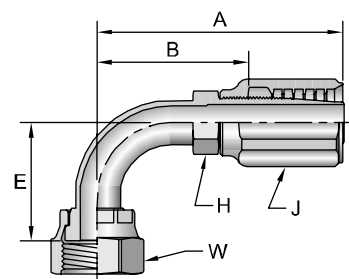


2J942

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

ISO 12151-1 - SWES90

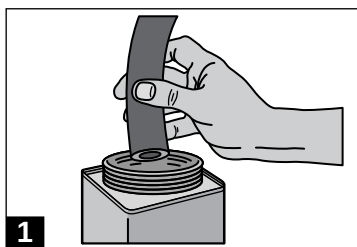
#										
Part Number	Thread	Hose I.D.	A		E	H	J	W	B	
	inch	inch	inch	mm	inch	mm	inch	inch	inch	mm
2J942-4-4	1/4	9/16x18	2.81	71	0.78	20	7/16	11/16	11/16	1.89
2J942-6-6	3/8	11/16x16	2.93	74	0.90	23	9/16	7/8	13/16	1.78
2J942-8-8	1/2	13/16x16	3.22	82	1.15	29	11/16	1	15/16	1.89



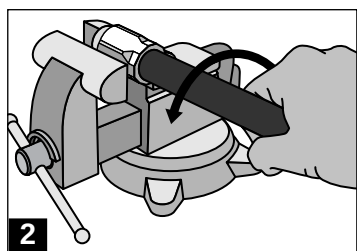
Metric L: Mates with EO "L" Series Fittings.
 See Accessories Section for O-Rings.

42 Series

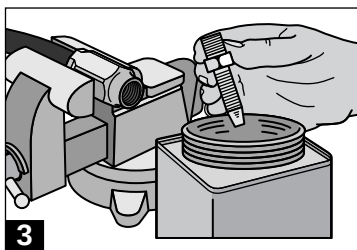
Hose Assembly Instructions



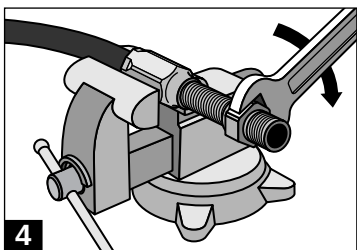
1. Identify over all length (OAL) of hose assembly and the cut off allowance (COA) length of fitting(s) on hose ends by use of the fitting data table. Properly measure, mark and cut hose to desired length using fine tooth hacksaw or a cutoff machine. Dip hose end into Hoze-Oil (See Section C) or heavy oil.



2. Place socket in vice and screw in hose counter-clockwise until hose bottoms. Back hose out 1/2 turn.



3. Dip hose end of nipple into Hoze-Oil or other heavy oil up to the hex. When assembling fittings of 316 stainless steel lubricate the threads of both the socket and nipple with Dow Corning Molykote G-n or equivalent metal assembly lubricant.



4. Screw assembly into socket using wrench on nipple hex until nipple hex shoulders against socket.

Note: Disassemble in reverse order.

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

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

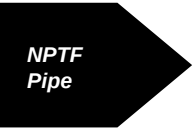
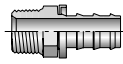
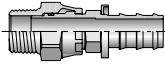
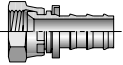
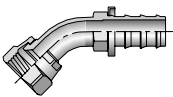
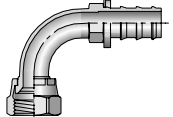
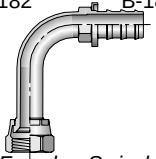
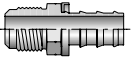
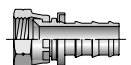
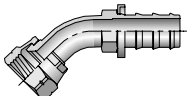
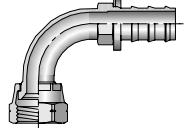
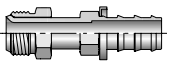
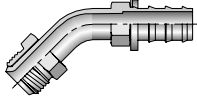
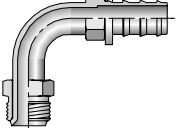
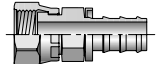
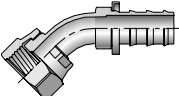
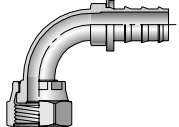
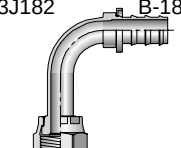
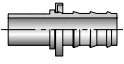
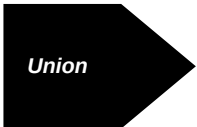
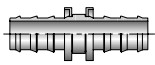
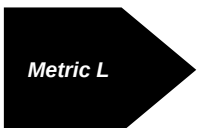
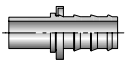
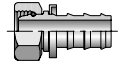
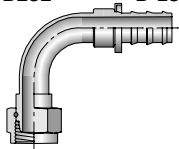
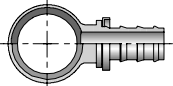
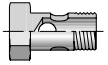
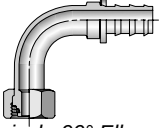
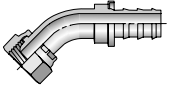
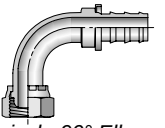
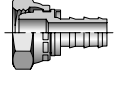
A

B

C

D

E

A	 NPTF Pipe	30182 B-182  <i>Male - Rigid</i>	31382 B-182  <i>Male - Swivel</i>	30282 B-183  <i>Female - Rigid</i>	 NPSM Pipe	37G82 B-183  <i>Female - Swivel Gasket Joint</i>
	 JIC 37°	30382 B-183  <i>Male - Rigid</i>	30682 B-184  <i>Female - Swivel</i>	33782 B-184  <i>Female - Swivel 45° Elbow - Short</i>	33982 B-184  <i>Female - Swivel 90° Elbow - Short</i>	34182 B-184  <i>Female - Swivel 90° Elbow - Long</i>
B	 SAE	30482 B-185  <i>Male - Rigid</i>	30882 B-185  <i>Female - Swivel</i>	37782 B-185  <i>Female - Swivel 45° Elbow</i>	37982 B-185  <i>Female - Swivel 90° Elbow</i>	 Inverted SAE
	32882 B-186  <i>Male - Swivel</i>	36782 B-186  <i>Male - Swivel 45° Elbow</i>	36982 B-186  <i>Male - Swivel 90° Elbow</i>	32982 B-186  <i>Female - Rigid</i>	 Seal-Lok® O-Ring Face Seal	3JC82 B-187  <i>Female - Swivel Short</i>
C	3J782 B-187  <i>Female - Swivel 45° Elbow</i>	3J982 B-187  <i>Female - Swivel 90° Elbow - Short</i>	3J182 B-187  <i>Female - Swivel 90° Elbow - Long</i>	 Standpipe	33482 B-188  <i>Male - Rigid</i>	 Union
	38282 B-188  <i>Push-Lok Union</i>	 Metric L	3D082 B-188  <i>Male - Rigid</i>	31D82 B-189  <i>Male Standpipe Rigid</i>	 BSP	39282 B-189  <i>Female - Swivel</i>
D	3D982 B-189  <i>Male - Rigid</i>	3B282 B-189  <i>Female - Swivel 90° Elbow</i>	 Banjo	34982 B-190  <i>Metric - Banjo</i>	AM B-190  <i>Banjo Bolt</i>	 Metric L Swivels
	3CA82 B-191  <i>Swivel - 24° Cone</i>	3CF82 B-191  <i>Swivel - 90° Elbow - 24° Cone</i>	3C482 B-191  <i>Swivel - 45° Elbow - Ball Nose</i>	3C582 B-192  <i>Swivel - 90° Elbow - Ball Nose</i>	3C382 B-192  <i>Swivel - Ball Nose</i>	 Kits
E						

Push-Lok Kits	B-193	Push-Lok Merchandiser	B-194		82 Series Assembly Instructions	B-195
<i>Push-Lok Hose and Fitting Kits</i>		<i>Push-Lok Hose and Fitting Display Case</i>				

A

B

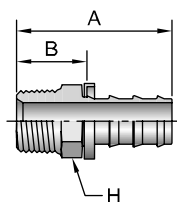
C

D

E

30182

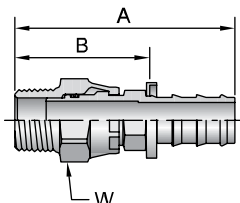
Male NPTF Pipe - Rigid



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

31382

Male NPTF Pipe - Swivel



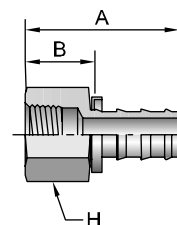
# Part Number	Thread inch	Hose I.D. inch	A		W inch	B		Additional Material Brass (B)
			inch	mm		inch	mm	
31382-4-4	1/4x18	1/4	1.60	41	9/16	0.85	22	
31382-6-6	3/8x18	3/8	1.79	45	11/16	0.89	23	
31382-8-8	1/2x14	1/2	2.20	56	7/8	1.15	29	
31382-8-10	1/2x14	5/8	3.50	90	7/8	2.05	52	•
31382-12-12	3/4x14	3/4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

O-Ring not compatible with Phosphate Ester fluids.

30282

Female NPTF Pipe - Rigid

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

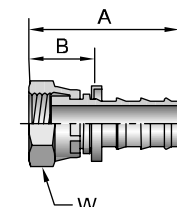


37G82

Female NPSM Pipe - Gasket Joint - Swivel

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

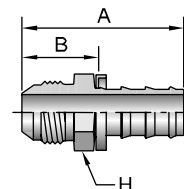
Textile gasket included with fitting.



30382

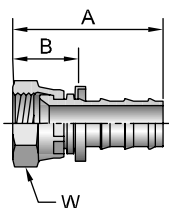
Male JIC 37° - Rigid

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



30682

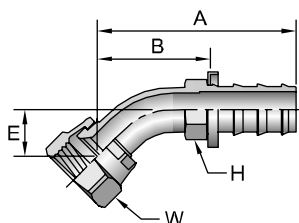
Female JIC 37° - Swivel



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

33782

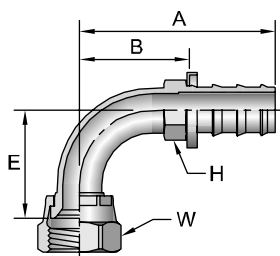
Female JIC 37° - Swivel - 45° Elbow - Short Drop



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

33982

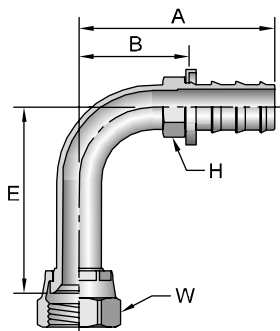
Female JIC 37° - Swivel - 90° Elbow - Short Drop



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

34182

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

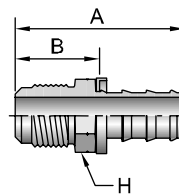


# Part Number	Thread inch		Hose I.D. inch	A inch mm		E inch mm		H inch	W inch	B inch mm	
34182-4-4	1/4	7/16x20	1/4	1.79	45	1.80	46	7/16	9/16	1.04	26
34182-6-6	3/8	9/16x18	3/8	1.97	50	2.18	55	1/2	11/16	1.07	27

30482

Male SAE 45° - Rigid

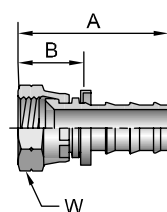
#											
Part Number	Thread		Hose I.D.	A		H	B				
	inch		inch	inch	mm	inch	inch	mm			
30482-4-4B	1/4	7/16x20	1/4	1.51	38	7/16	0.76	19			
30482-5-4B	5/16	1/2x20	1/4	1.61	41	9/16	0.86	22			
30482-6-6B	3/8	5/8x18	3/8	1.84	47	5/8	0.94	24			
30482-8-8B	1/2	3/4x16	1/2	2.15	55	3/4	1.10	28			



30882

Female SAE 45° - Swivel

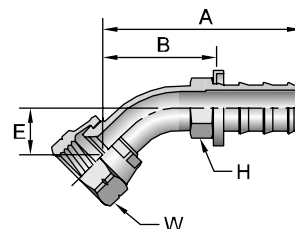
#											
Part Number	Thread		Hose I.D.	A		W	B		Additional Material Brass (B)		
	inch		inch	inch	mm	inch	inch	mm			
30882-4-4	1/4	7/16x20	1/4	1.52	39	9/16	0.77	20	•		
30882-5-4	5/16	1/2x20	1/4	1.58	40	5/8	0.83	21	•		
30882-6-6	3/8	5/8x18	3/8	1.81	46	3/4	0.91	23	•		
30882-8-6	1/2	3/4x16	3/8	1.87	47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



37782

Female SAE 45° - Swivel - 45° Elbow

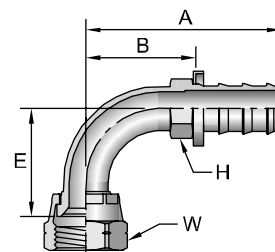
#											
Part Number	Thread		Hose I.D.	A		E		H	W	B	
	inch		inch	inch	mm	inch	mm	inch	inch	inch	mm
37782-4-4	1/4	7/16x20	1/4	1.79	45	0.33	8	7/16	9/16	1.04	26
37782-6-6	3/8	5/8x18	3/8	2.08	53	0.39	10	1/2	3/4	1.18	30
37782-8-8	1/2	3/4x16	1/2	2.58	66	0.55	14	5/8	7/8	1.53	39



37982

Female SAE 45° - Swivel - 90° Elbow

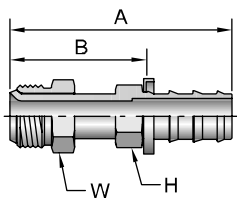
#											
Part Number	Thread		Hose I.D.	A		E		H	W	B	
	inch		inch	inch	mm	inch	mm	inch	inch	inch	mm
37982-4-4	1/4	7/16x20	1/4	1.60	41	0.83	21	7/16	9/16	0.85	22
37982-6-6	3/8	5/8x18	3/8	1.98	50	0.85	22	1/2	3/4	1.08	27
37982-8-8	1/2	3/4x16	1/2	2.33	59	1.09	28	5/8	7/8	1.28	33



Notch in nut signifies 45° flare.

32882

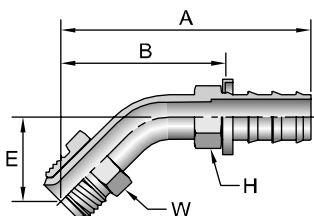
Male Inverted SAE 45° - Swivel



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

36782

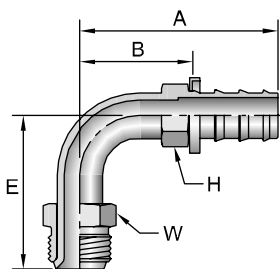
Male Inverted SAE 45° - Swivel - 45° Elbow



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

36982

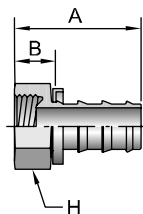
Male Inverted SAE 45° - Swivel - 90° Elbow



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

32982

Female Inverted SAE 45° - Rigid



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

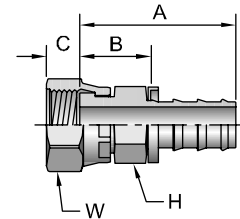
3JC82

Female Seal-Lok® - Swivel - Short

ISO 12151-1 - SWSA

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

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

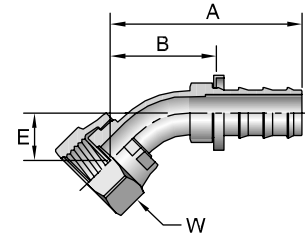


3J782

Female Seal-Lok® - Swivel - 45° Elbow

ISO 12151-1 - SWE45

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

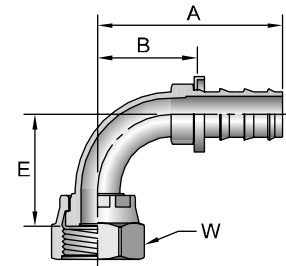


3J982

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

ISO 12151-1 - SWES90

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



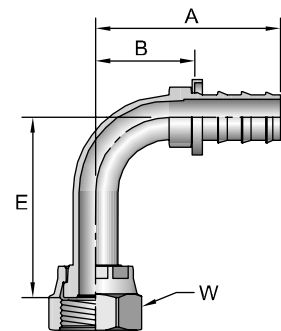
3J182

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

ISO 12151-1 - SWEL90

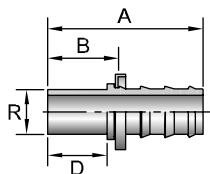
# Part Number	Thread		Hose I.D. inch	A		E		W inch	B	
	inch			inch	mm	inch	mm		inch	mm
3J182-6-6	3/8	11/16x16	3/8	1.85	47	2.13	54	13/16	0.95	24
3J182-8-8	1/2	13/16x16	1/2	2.16	55	2.52	64	15/16	1.11	28

See Accessories Section for O-Rings.



33482

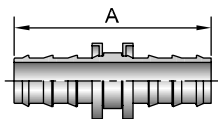
Male Standpipe - Rigid - (Inch Size Tube O.D.)



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

38282

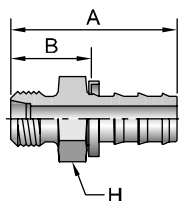
Push-Lok Union



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

3D082

Male Metric L - Rigid - (24° Cone)

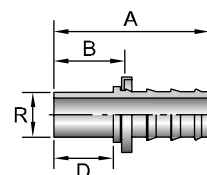


# Part Number	 Thread mm		 Hose I.D. inch	A		 H	B	
	mm			inch	mm	mm	inch	mm
3D082-6-4	6	M12x1,5	1/4	1.34	34	12	0.55	14
3D082-8-4	8	M14x1,5	1/4	1.38	35	14	0.59	15
3D082-10-6	10	M16x1,5	3/8	1.57	40	17	0.63	16
3D082-12-6	12	M18x1,5	3/8	1.61	41	19	0.67	17

31D82

Male Standpipe Metric L - Rigid

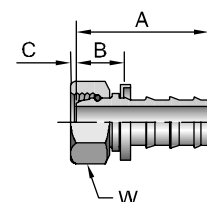
#			A		D		B	
Part Number	R mm	Hose I.D. inch	inch	mm	inch	mm	inch	mm
31D82-6-4	6	1/4	1.73	44	0.87	22	0.98	25
31D82-8-4	8	1/4	1.73	44	0.87	22	0.98	25
31D82-10-6	10	3/8	1.93	49	0.91	23	1.02	26
31D82-12-6	12	3/8	1.93	49	0.91	23	1.06	27
31D82-15-8	15	1/2	2.17	55	0.98	25	1.10	28
31D82-18-10	18	5/8	2.64	67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



39282

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

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

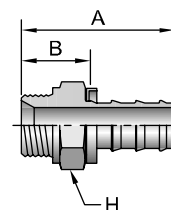


When measuring overall length to the end of the nut, B + C dimensions must be used to calculate cut-off allowances.

3D982

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

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

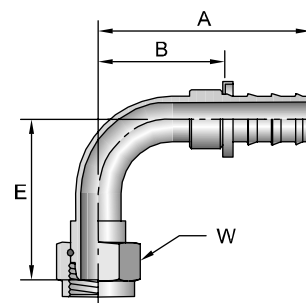


Bonded seal required if fitting is used directly in a port. See Accessories Section.

3B282

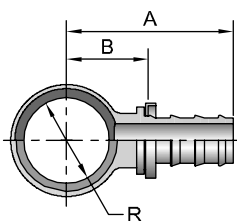
Female BSP Parallel Pipe - Swivel - 90° Elbow - (60° Cone)

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



34982

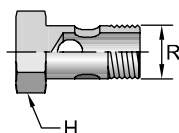
DIN Metric Banjo



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

AM

Banjo Bolt with DIN Metric Thread



#			Copper Washer (2)	
Part Number	R Thread	H		
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	

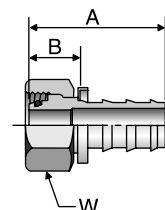
Two (2) copper washers per bolt must be ordered separately.

3CA82

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

ISO 12151-2 - SWS

# Part Number	Thread		Hose I.D. inch	A		W mm	B	
	inch			inch	mm		inch	mm
3CA82-8-4	8	M14x1,5	1/4	1.42	36	17	0.67	17
3CA82-10-6	10	M16x1,5	3/8	1.57	40	19	0.67	17
3CA82-10-6B	10	M16x1,5	3/8	1.57	40	19	0.67	17
3CA82-12-6	12	M18x1,5	3/8	1.57	40	22	0.67	17
3CA82-15-8	15	M22x1,5	1/2	1.73	44	27	0.71	18
3CA82-22-12	22	M30x2	3/4	2.28	58	36	0.83	21

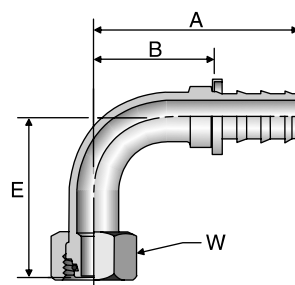


3CF82

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

ISO 12151-2 - SWE

# Part Number	Thread		Hose I.D. inch	A		E		W mm	B	
	inch			inch	mm	inch	mm		inch	mm
3CF82-8-4	8	M14x1,5	1/4	1.65	42	1.26	32	17	0.91	23
3CF82-10-6	10	M16x1,5	3/8	1.93	49	1.38	35	19	1.06	27
3CF82-10-6B	10	M16x1,5	3/8	1.93	49	1.38	35	19	1.06	27
3CF82-12-6	12	M18x1,5	3/8	1.93	49	1.42	36	22	1.06	27
3CF82-15-8	15	M22x1,5	1/2	2.28	58	1.61	41	27	1.26	32
3CF82-22-12	22	M30x2	3/4	3.46	88	2.17	55	36	2.01	51

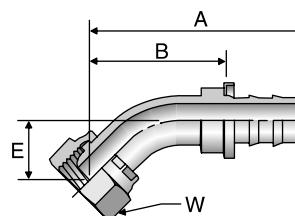


3C482

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

End Connection per ISO 8434-1-SWOE

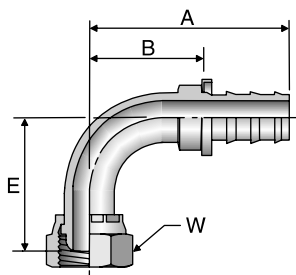
# Part Number	Thread		Hose I.D. inch	A		E		W mm	B	
	inch			inch	mm	inch	mm		inch	mm
3C482-8-4B	8	M14x1,5	1/4	2.01	51	0.63	16	17	1.26	32
3C482-10-6B	10	M16x1,5	3/8	2.28	58	0.71	18	19	1.38	35
3C482-15-8B	15	M22x1,5	1/2	2.68	68	0.75	19	27	1.61	41
3C482-22-12	22	M30x2	3/4	3.46	88	0.91	23	36	2.05	52



3C582

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

End Connection per ISO 8434-1-SWOF

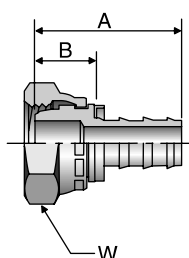


# Part Number	Thread inch	Hose I.D. inch	A		E		W	B	
			inch	mm	inch	mm	mm	inch	mm
3C582-8-4B	8 M14x1,5	1/4	1.65	42	1.14	29	17	0.91	23
3C582-10-6B	10 M16x1,5	3/8	1.93	49	1.30	33	19	1.06	27
3C582-15-8B	15 M22x1,5	1/2	2.36	60	1.54	39	27	1.34	34
3C582-22-12B	22 M30x2	3/4	3.46	88	1.97	50	36	2.01	51

3C382

Female Metric L - Swivel - (Ball Nose)

End Connection per ISO 8434-1-SWOS



# Part Number	Thread inch	Hose I.D. inch	A		W	B	
			inch	mm	mm	inch	mm
3C382-8-4B	8 M14x1,5	1/4	1.42	36	19	0.63	16
3C382-10-6B	10 M16x1,5	3/8	1.50	38	19	0.59	15
3C382-15-8B	15 M22x1,5	1/2	1.65	42	27	0.59	15
3C382-22-12B	22 M30x2	3/4	2.09	53	36	0.67	17

Parker Push-Lok® Kits

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



Part No. 46-83A

Kit Contents	Quantity	Kit Contents	Quantity
Hose		Male Inverted Swivel	
831-4 (1/4" I.D.)	24 ft.	32882-3-4	3
831-6 (3/8" I.D.)	24 ft.	32882-4-4	5
Male Pipe		32882-5-4	5
30182-2-4B	8	32882-6-6	3
30182-4-4B	5	Female Inverted Rigid	
30182-4-6B	5	32982-3-4B	3
30182-6-6B	6	32982-4-4B	3
Male SAE 45°		32982-5-4B	5
30482-4-4B	2	32982-6-6B	3
30482-6-6B	3	Hose Union	
SAE (JIC) 37° Female Swivel		38282-4-4B	4
30682-6-6B	5	38282-6-6B	2
SAE 45° Swivel			
30882-4-4B	5		
30882-5-4B	5		
30882-6-6B	5		

Parker Push-Lok® Merchandiser

PLM-1 (801 Multi-Purpose Hose)

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

Features

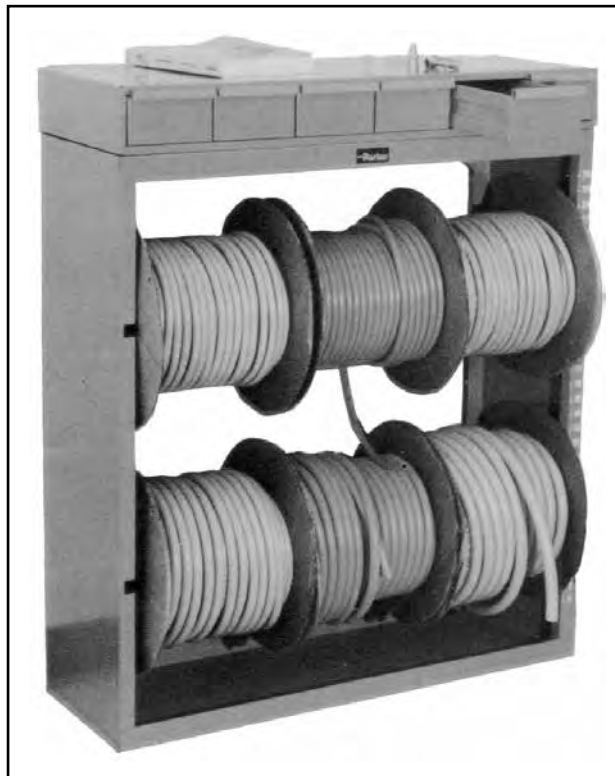
- PLM -1

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

- 25 each of the following fittings:

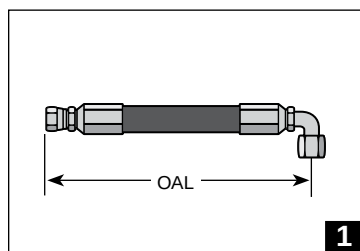
30182-4-4B	30682-4-4B	30882-6-6B
30182-6-6B	30682-6-6B	
30182-8-8B	30682-8-8B	

- Fitting drawers to store up to 18 different styles/sizes of fittings.
- TH11-1 hand held hose cutter.

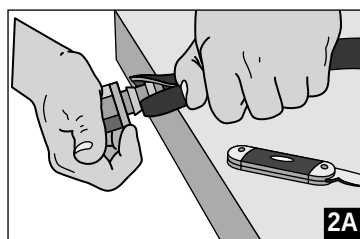
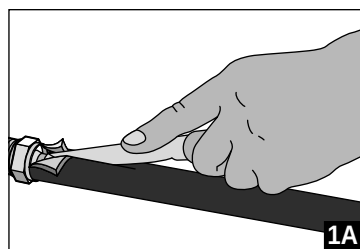
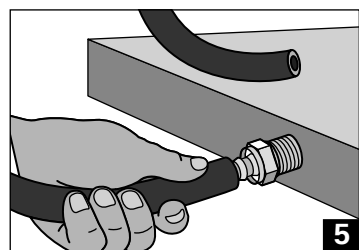


82 Series

Assembly Instructions



OAL : Straight to 90° Elbow



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

Disassembly Instructions

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

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

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

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

PARKER HOSE PRODUCTS DIVISION
TECHNICAL SERVICES DEPARTMENT

PHONE: 440 / 943-5700

FAX: 440 / 943-3129

<http://www.parkerhose.com>

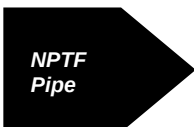
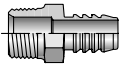
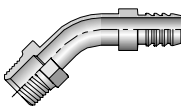
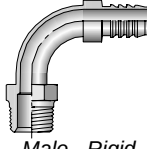
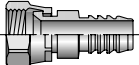
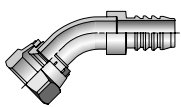
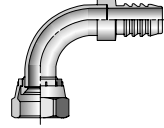
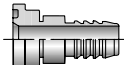
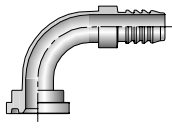
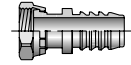
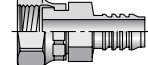
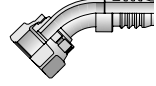
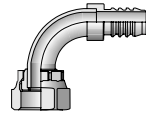
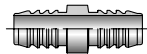
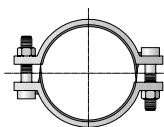
A

B

C

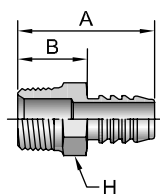
D

E

 NPTF Pipe	0188 B-198  <i>Male - Rigid</i>	3188 B-198  <i>Male - Rigid 45° Elbow</i>	2188 B-198  <i>Male - Rigid 90° Elbow</i>	 Straight Thread	0588 B-198  <i>Male - Rigid</i>
 JIC 37°	0688 B-199  <i>Female - Swivel</i>	3788 B-199  <i>Female - Swivel</i>	3988 B-199  <i>Female - Swivel</i>	 Flange	1588 B-199  <i>Flange Heads</i>
1788 B-200  <i>45° Elbow</i>	1988 B-200  <i>90° Elbow</i>	 Seal-Lok® O-Ring Face Seal	JS88 B-200  <i>Female - Swivel Long</i>	JC88 B-201  <i>Female - Swivel Short</i>	J788 B-201  <i>Female - Swivel 45° Elbow</i>
J988 B-201  <i>Female - Swivel 90° Elbow</i>	 Union	8888 B-202  <i>Union</i>	 81 Series Crimp Shell	81 Series consists of a 10081 crimp shell and is completed by adding any 88 Series fittings.	
 Hose Clamp	88HC B-202  <i>Hose Clamp</i>	88HC-H B-202  <i>Hose-Clamp</i>	88DB B-202  <i>Heavy Duty Clamp</i>	 Assembly Instructions	88 Series Assembly Instructions B-203
81 Series Assembly Instructions - See Section C for crimping instructions.					

0188

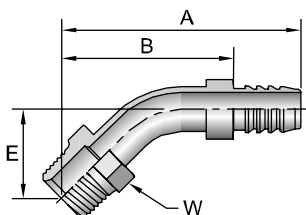
Male NPTF Pipe - Rigid



#			A		H	B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	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
0188-40-40	2-1/2x8	2-1/2	4.10	104	3	2.27	58

3188

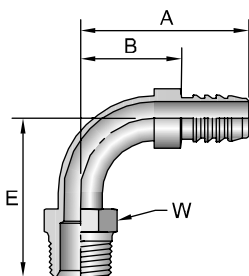
Male NPTF Pipe - Rigid - 45° Elbow



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

2188

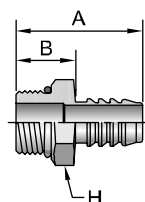
Male NPTF Pipe - Rigid - 90° Elbow



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

0588

Male SAE Straight Thread with O-Ring - Rigid



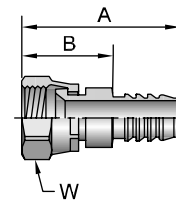
#			A		H	B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	inch	mm
0588-12-12	1-1/16x12	3/4	2.13	54	1-1/4	1	25
0588-16-16	1-5/16x12	1	2.38	60	1-1/2	1	25
0588-20-20	1-5/8x12	1-1/4	2.59	66	1-7/8	1	25

See page B-202 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.

0688

Female JIC 37° - Swivel

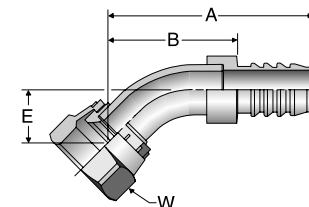
#								
Part Number	Thread inch		Hose I.D. inch	A inch mm		W inch	B inch mm	
0688-12-12	3/4	1-1/16x12	3/4	2.66	68	1-1/4	1.53	39
0688-16-12	1	1-5/16x12	3/4	1.86	47	1-1/2	1.38	35
0688-16-16	1	1-5/16x12	1	2.72	69	1-1/2	1.34	34
0688-20-20	1-1/4	1-5/8x12	1-1/4	3.34	85	2	1.75	44
0688-24-24	1-1/2	1-7/8x12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



3788

Female JIC 37° - Swivel

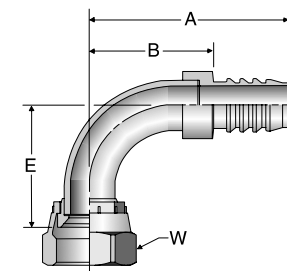
#										
Part Number	Thread inch		Hose I.D. inch	A inch mm		E inch mm		W inch	B inch mm	
3788-12-12	3/4	1-1/16x12	3/4	3.07	78	0.79	20	1-1/4	1.94	49
3788-16-16	1	1-5/16x12	1	3.51	89	0.90	23	1-1/2	2.13	54
3788-20-20	1-1/4	1-5/8x12	1-1/4	3.97	101	1.19	30	2	2.38	60



3988

Female JIC 37° - Swivel

#				A		E			B	
Part Number	Thread inch		Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
3988-12-12	3/4	1-1/16x12	3/4	2.98	76	1.82	46	1-1/4	1.85	47
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

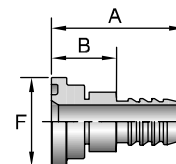


1588

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
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
1588-40-40	2-1/2	2-1/2	4.56	116	3-1/8	2.73	69
1588-48-40	3	2-1/2	4.62	117	4	2.79	71

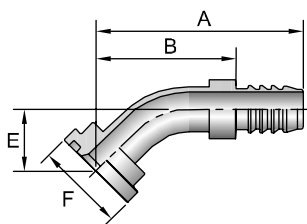


See page B-202 for 81 Series crimp shells and clamps for 88 Series fittings.
See Equipment Section for assembly and crimping instructions.
See Accessories Section for O-Rings and Flange Kits.

1788

SAE Code 61 Flange Head - 45° Elbow

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

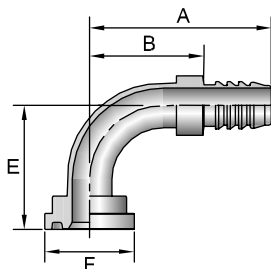


#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
1788-16-16	1	1	3.55	90	1.06	27	1-3/4	2.17	55
1788-20-20	1-1/4	1-1/4	3.90	99	1.13	29	2	2.31	59
1788-24-24	1-1/2	1-1/2	4.15	105	1.11	28	2-3/8	2.41	61
1788-32-32	2	2	4.58	116	1.25	32	2-13/16	2.75	70
1788-40-40	2-1/2	2-1/2	5.17	131	1.41	36	3-1/8	3.34	85
1788-48-40	3	2-1/2	5.21	132	1.45	37	4	3.38	86

1988

SAE Code 61 Flange Head - 90° Elbow

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

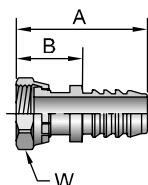


#			A		E			B	
Part Number	Flange inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
1988-16-16	1	1	3.35	85	2.37	60	1-3/4	1.97	50
1988-20-20	1-1/4	1-1/4	3.80	97	2.50	64	2	2.21	56
1988-24-24	1-1/2	1-1/2	4.20	107	2.74	70	2-3/8	2.46	62
1988-32-32	2	2	4.86	123	3.19	81	2-13/16	3.03	77
1988-40-40	2-1/2	2-1/2	5.52	140	3.75	95	3-1/8	3.69	94
1988-48-40	3	2-1/2	5.52	140	3.81	97	4	3.69	94

JS88

Female Seal-Lok® - Swivel - Long

ISO - 12151-1 - SWSB



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

See page B-202 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.

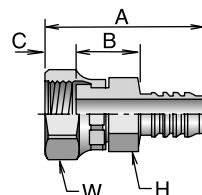
JC88

Female Seal-Lok - Swivel - Short

ISO 12151- 1 - SWSA

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

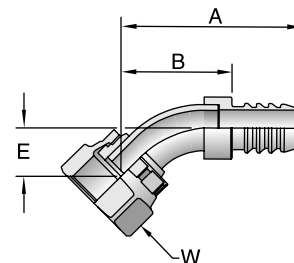
When measuring overall length to the end of the nut, B+C dimensions must be used to calculate cut-off allowance.



J788

Female Seal-Lok - Swivel - 45° Elbow

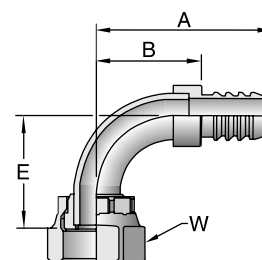
#				A		E		W	B	
Part Number	Thread	Hose I.D.	inch	inch	mm	inch	mm	inch	inch	mm
J788-12-12	3/4	1-3/16x12	3/4	2.92	74	0.79	20	1-3/8	1.79	45
J788-16-16	1	1-7/16x12	1	3.79	96	0.94	24	1-5/8	2.41	61
J788-20-20	1-1/4	1-11/16x12	1-1/4	3.71	94	0.94	24	1-7/8	2.12	54



J988

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

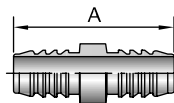
#				A		E		W	B	
Part Number	Thread	Hose I.D.	inch	inch	mm	inch	mm	inch	inch	mm
J988-12-12	3/4	1-3/16x12	3/4	2.85	72	1.83	46	1-3/8	1.72	44
J988-16-16	1	1-7/16x12	1	3.74	95	2.19	56	1-5/8	2.36	60
J988-16-16C	1	1-7/16x12	1	3.75	95	2.22	56	1-5/8	2.37	60
J988-20-20	1-1/4	1-11/16x12	1-1/4	4.26	108	2.51	64	1-7/8	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



8888

Union (Hose Splicer)

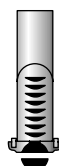
# Part Number	Hose I.D. inch	A	
		inch	mm
8888-12-12	3/4	2.70	67
8888-16-16	1	3.21	82
8888-20-20	1-1/4	3.61	92
8888-24-24	1-1/2	3.92	100
8888-32-32	2	4.04	103



88HC

Hose Clamp (Worm Gear)

# 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



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

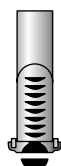


81 Series consists of a 10081 crimp shell and is completed by adding any 88 Series Fittings. See Equipment Section for complete 81 Series Assembly and Crimping instructions.

88HC-H

Hose Clamp (High Torque Worm Gear)

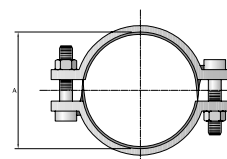
# Part Number	Hose I.D. inch
88HC-16C	3/4
88HC-16H	1
88HC-20H	1-1/4
88HC-24H	1-1/2
88HC-32H	2



88DB

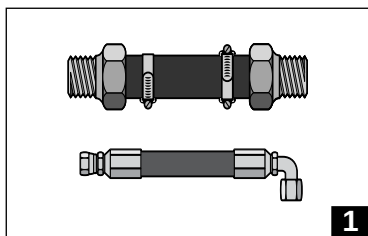
Heavy Hose Clamp (Double Bolt)

# 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

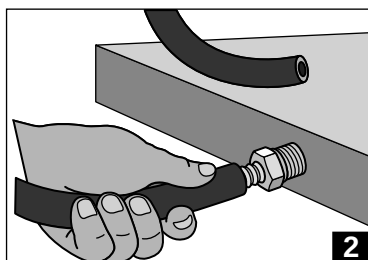


88 Series

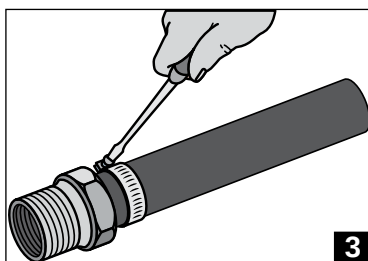
Hose Assembly Instructions



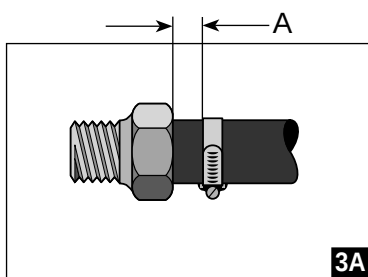
1



2



3



3A

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

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

Note: For permanent installation of 88 Series Fittings, an 81 Series Crimp Shell must be added. See Equipment Section for assembly and crimping instructions.

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

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

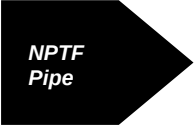
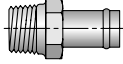
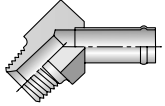
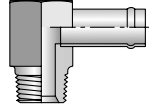
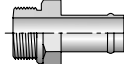
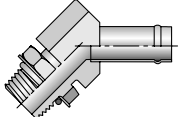
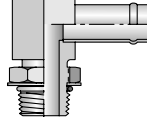
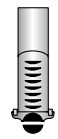
A

B

C

D

E

 NPTF Pipe	01TB B-206  <i>Male - Rigid</i>	31TB B-206  <i>Male - Rigid 45° Elbow</i>	21TB B-206  <i>Male - Rigid 90° Elbow</i>	 SAE Straight Thread	05TB B-207  <i>Male - Rigid</i>
35TB B-207  <i>Male - Rigid 45° Elbow</i>	25TB B-207  <i>Male - Rigid 90° Elbow</i>	 Clamp	Clamp B-202  <i>Wormgear</i>		

A

B

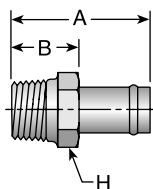
C

D

E

01TB

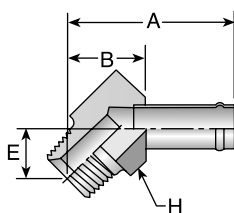
Male NPTF Pipe - Rigid



#			A		H	B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	inch	mm
01TB-4-6	1/4x18	3/8	2.09	53	5/8	0.96	24
01TB-6-8	3/8x18	1/2	2.12	54	3/4	0.96	24
01TB-8-10	1/2x14	5/8	2.31	59	7/8	1.15	29
01TB-8-12	1/2x14	3/4	2.31	59	1	1.15	29
01TB-12-12	3/4x14	3/4	2.31	54	1-1/8	1.15	24
01TB-16-16	1x11-1/2	1	2.69	68	1-3/8	1.53	39
01TB-20-20	1-1/4x11-1/2	1-1/4	2.84	72	1-3/4	1.34	34
01TB-24-24	1-1/2x11-1/2	1-1/2	3.25	83	2	1.50	38
01TB-32-32	2x11-1/2	2	3.53	90	2-5/8	1.78	45

31TB

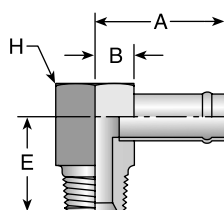
Male NPTF Pipe - Rigid - 45° Elbow



#			A		E		H	B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
31TB-6-8	3/8x18	1/2	2.54	65	0.69	18	7/8	1.04	26
31TB-8-10	1/2x14	5/8	2.68	68	0.82	21	1	1.18	30
31TB-8-12	1/2x14	3/4	2.78	71	0.82	21	1-1/4	1.28	33
31TB-12-12	3/4x14	3/4	2.82	72	0.86	22	1-1/4	1.32	34
31TB-12-16	3/4x14	1	3.01	76	0.86	22	1-1/2	1.38	35
31TB-16-16	1x11-1/2	1	3.19	81	1.04	26	1-1/2	1.56	40
31TB-20-20	1-1/4x11-1/2	1-1/4	3.26	83	0.99	25	1-7/8	1.59	40

21TB

Male NPTF Pipe - Rigid - 90° Elbow

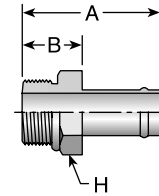


#			A		E		H	B	
Part Number	Thread inch	Hose I.D. inch	inch	mm	inch	mm	inch	inch	mm
21TB-6-8	3/8x18	1/2	1.94	49	1.22	31	7/8	0.44	11
21TB-8-10	1/2x14	5/8	2.03	52	1.47	37	1-1/16	0.53	13
21TB-8-12	1/2x14	3/4	2.16	55	1.59	40	1-5/16	0.66	17
21TB-12-12	3/4x14	3/4	2.16	55	1.59	40	1-5/16	0.66	17
21TB-12-16	3/4x14	1	2.44	62	1.59	40	1-5/8	0.81	21
21TB-16-14	1x11-1/2	7/8	2.31	59	1.97	50	1-5/8	0.81	21
21TB-16-16	1x11-1/2	1	2.44	62	1.97	50	1-5/8	0.81	21

05TB

Male SAE Straight Thread with O-Ring - Rigid

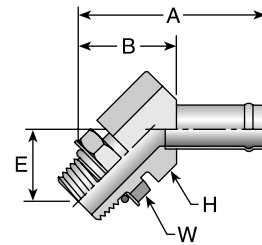
# Part Number	Thread inch	Hose I.D. inch	A		H inch	B	
			inch	mm		inch	mm
05TB-6-6	9/16x18	3/8	1.94	49	11/16	0.69	18
05TB-8-8	3/4x16	1/2	2.00	51	7/8	0.75	19
05TB-8-10	3/4x16	5/8	2.00	51	7/8	0.75	19
05TB-10-10	7/8x14	5/8	2.06	52	1	0.81	21
05TB-12-12	1-1/16x12	3/4	2.25	57	1-1/4	1.00	25
05TB-16-16	1-5/16x12	1	2.38	60	1-1/2	1.00	25
05TB-20-20	1-5/8x12	1-1/4	2.50	64	1-7/8	1.00	25



35TB

Male SAE Straight Thread with O-Ring - Rigid - 45° Elbow

# Part Number	Thread inch		Hose I.D. inch	A		E		H inch	W inch	B	
				inch	mm	inch	mm			inch	mm
35TB-8-8	1/2	3/4x16	1/2	2.79	71	0.93	24	7/8	7/8	1.29	33
35TB-10-10	5/8	7/8x14	5/8	2.80	71	0.93	24	1	1	1.28	33
35TB-12-12	3/4	1-1/16x12	3/4	3.18	81	1.22	31	1-1/4	1-1/4	1.68	43
35TB-16-16	1	1-5/16x12	1	3.45	88	1.30	33	1-1/2	1-1/2	1.82	46
35TB-20-16	1-1/4	1-5/8x12	1	3.57	91	1.34	34	1-7/8	1-7/8	1.94	49



25TB

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

# Part Number	Thread inch		Hose I.D. inch	A		E		H inch	W inch	B	
				inch	mm	inch	mm			inch	mm
25TB-8-8	1/2	3/4x16	1/2	1.94	49	1.44	37	7/8	7/8	0.44	11
25TB-10-10	5/8	7/8x14	5/8	2.03	52	1.69	43	1-1/16	1	0.53	13
25TB-10-12	5/8	7/8x14	3/4	2.16	55	1.69	43	1-5/16	1	0.66	17
25TB-12-12	3/4	1-1/16x12	3/4	2.16	55	1.92	49	1-5/16	1-1/4	0.66	17
25TB-16-12	1	1-5/16x12	3/4	2.31	59	2.03	52	1-5/8	1-1/2	0.81	21
25TB-16-16	1	1-5/16x12	1	2.44	62	2.03	52	1-5/8	1-1/2	0.81	21
25TB-20-16	1-1/4	1-5/8x12	1	2.57	65	2.34	59	1-7/8	1-7/8	0.94	24
25TB-20-20	1-1/4	1-5/8x12	1-1/4	2.61	66	2.34	59	1-7/8	1-7/8	0.94	24

