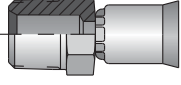
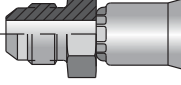
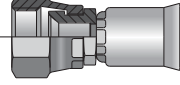
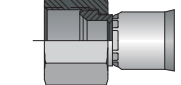
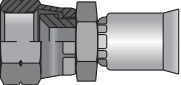
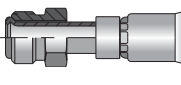
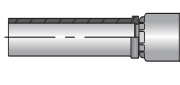
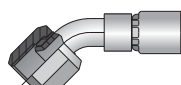
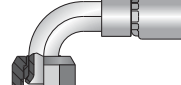
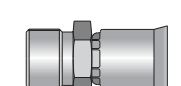
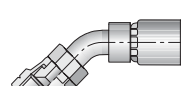
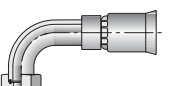
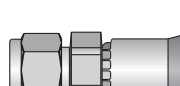
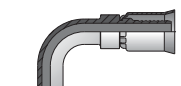
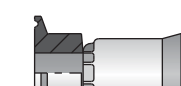
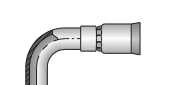
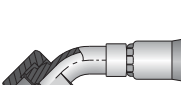
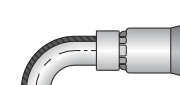
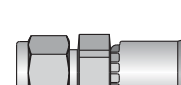
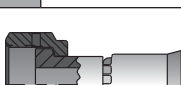
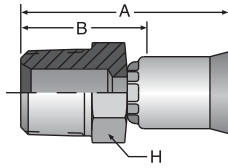


91N/91 Series Visual Index

91N/91 Series PERMANENT	101 Male Taper Pipe Rigid  E-73	103 Male JIC 37°  E-73	106 JIC 37° Female Swivel  E-74	106 RD JIC 37° Female Swivel w/o Nip. Hex  E-74	107 Female Pipe Swivel  E-75
	108 Female SAE 45° Swivel  E-75	128 Male Inverted Swivel Straight  E-75	134 Straight Tube  E-76	137 Female JIC 37° Swivel 45° Elbow  E-76	139 Female JIC 37° Swivel 90° Elbow Sht.  E-77
	141 Female JIC 37° Swivel 90° Elb Long  E-77	161 Compression Air Brake  E-78	167 SAE Male Inverted 45° Elbow  E-78	169 SAE Male Inverted 90° Elbow  E-79	177 SAE 45° Swivel 45° Elbow  E-79
	179 Female SAE 45° Swivel 90° Elbow  E-79	192 Female BSP Pipe Swivel - Str. (60° Cone)  E-84	1AL A-Lok® Compression  E-80	1B2 Female BSP Pipe Swivel 90° Elb. (60° Cone)  E-84	1FN Sanitary Flange  E-80
	1J1 Female Seal-Lok™ 90° Elbow Long  E-81	1J7 Female Seal-Lok™ 45° Elbow  E-81	1J9 Female Seal-Lok™ 90° Elbow Short  E-82	1JC Female Seal-Lok™ Swivel Straight Short  E-82	1P6 CPI® Compression w/nut and ferrule  E-80
	1Q1 Female Ultra Seal  E-83	1TU Universal Tube Stub  E-83			

10191N Male Taper Pipe Rigid



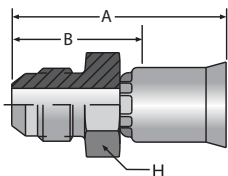
Part Number	Thread Size	Hose Size	A		Cutoff Allow. B		H Hex
			inch	mm	inch	mm	inch
#							
10191N-2-4	1/8-27	-4	1.27	32	3/4	19	7/16
10191N-4-4	1/4-18	-4	1.50	38	15/16	24	9/16
10191N-4-5	1/4-18	-5	1.55	39	15/16	24	9/16
10191N-4-6	1/4-18	-6	1.60	41	15/16	24	9/16
10191N-6-6	3/8-18	-6	1.65	58	1	25	11/16
10191N-6-8	3/8-18	-8	1.71	43	1	25	11/16
10191N-8-8	1/2-14	-8	1.94	49	1-1/4	32	7/8
10191N-8-10	1/2-14	-10	1.96	50	1-1/4	32	7/8
10191N-8-12	1/2-14	-12	2.42	61	1-1/4	32	1
10191N-12-12	3/4-14	-12	2.19	56	1-3/8	35	1-1/8
10191N-16-16	1-11-1/2	-16	2.46	62	1-1/2	38	1-3/8
10191-20-20	1-1/4-11-1/2	-20	3.05	77	2-1/16	52	1-3/4

Construction: Brass nipple, steel shell.

Add "B" for Brass nipple and shell.

Add "C" for Stainless Steel.

10391N Male (JIC) 37°

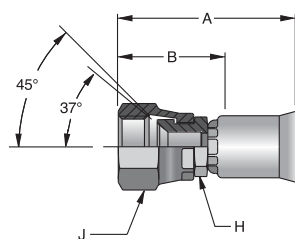


Part Number	Thread Size	Hose Size	A		Cutoff Allow. B		H Hex
			inch	mm	inch	mm	inch
#							
10391N-4-4	7/16-20	-4	1.37	35	13/16	21	1/2
10391N-5-5	1/2-20	-5	1.48	38	7/8	22	9/16
10391N-6-6	9/16-18	-6	1.64	42	1	25	11/16
10391N-8-8	3/4-16	-8	1.79	35	1-1/8	29	7/8
10391N-8-6	3/4-16	-6	1.73	44	1-1/16	27	7/8
10391N-10-10	7/8-14	-10	2.07	53	1-3/8	35	1
10391N-12-12	1-1/16-12	-12	2.10	53	1-5/16	33	1-1/8
10391N-16-16	1-5/16-12	-16	2.43	62	1-1/2	38	1-3/8

Construction: Brass nipple, steel shell.

Add "B" for Brass nipple and shell.

Add "C" for Stainless Steel.

A
Hose**10691N SAE (JIC) 37° Swivel**B
Tubing

Part Number	Thread Size	Hose Size	A		Cutoff Allow. B		H Hex	J Hex
#								
			inch	mm	inch	mm	inch	inch
10691N-4-4	7/16-20	-4	1.43	36	7/8	22	3/8	9/16
10691N-5-5	1/2-20	-5	1.56	40	15/16	24	7/16	5/8
10691N-6-6	9/16-18	-6	1.63	41	1	25	1/2	11/16
10691N-6-8	9/16-18	-8	1.69	43	1	25	9/16	11/16
10691N-8-8	3/4-16	-8	1.89	48	1-3/16	30	11/16	7/8
10691N-8-10	3/4-16	-10	1.86	58	1-1/8	29	3/4	7/8
10691N-10-10	7/8-14	-10	2.03	52	1-5/16	33	13/16	1
10691N-12-12	1-1/16-12	-12	2.12	54	1-5/16	33	1	1-1/4
10691N-16-16	1-5/16-12	-16	2.45	62	1-9/16	40	1-1/4	1-1/2
10691-20-20	1-5/8-12	-20	2.98	76	1-13/16	46	1-11/16	2

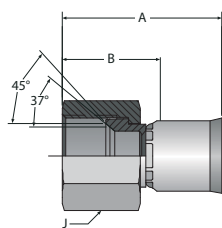
Construction: Brass nipple, steel nut and shell.

Add "B" for Brass nipple, nut and shell.

Add "S" for Steel nipple, nut and shell.

Add "C" for Stainless Steel.

NOTE: Sizes -4, -5, -8 and -10 incorporate a dual seat.

C
Coiled Air Hose
& FittingsD
Transportation**10691NRD SAE (JIC) 37° Swivel**

Part Number	Thread Size	Hose Size	A		Cutoff Allow. B		J Hex
#							
			inch	mm	inch	mm	inch
10691N-4-4-RD	7/16-20	-4	1.34	34	13/16	21	9/16
10691N-5-5-RD	1/2-20	-5	1.51	38	7/8	22	5/8
10691N-6-6-RD	9/16-18	-6	1.60	41	15/16	24	11/16
10691N-8-8-RD	3/4-16	-8	1.79	45	1-1/16	27	7/8
10691N-10-10-RD	7/8-14	-10	1.91	49	1-3/16	30	1
10691N-12-12-RD	1-1/16-12	-12	2.09	58	1-5/16	33	1-1/4
10691N-16-16-RD	1-5/16-12	-16	2.27	58	1-5/16	33	1-1/2

Construction: Brass nipple, steel nut and shell.

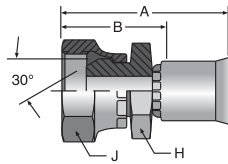
Add "B" for Brass nipple, nut and shell.

Add "C" for Stainless Steel.

NOTE: Sizes -4, -5, -8 and -10 incorporate a dual seat.

E
Fittings
Series 91F
Tooling, Equipment
& AccessoriesG
General Technical

10791N Female Pipe Swivel



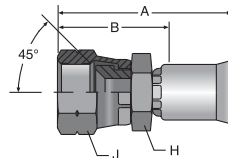
Part Number	Thread Size	Hose Size	A		Cutoff Allow. B		H Hex	J Hex
#								
			inch	mm	inch	mm	inch	inch
10791N-4-4	1/4-18	-4	1.50	38	15/16	24	9/16	11/16
10791N-6-6	3/8-18	-6	1.67	42	1	25	5/8	7/8
10791N-8-8	1/2-14	-8	1.83	46	1-1/8	29	3/4	1
10791N-12-12	3/4-14	-12	2.09	53	1-5/16	33	1	1-1/4
10791N-16-16	1-11-1/2	-16	2.26	57	1-5/16	33	1-3/16	1-3/8

Construction: Brass nipple, steel nut and shell.

Add "B" for Brass nipple, nut and shell.

Add "C" for Stainless Steel.

10891N SAE 45° Swivel



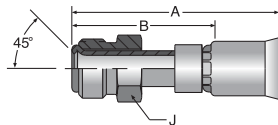
Part Number	Thread Size	Hose Size	A		Cutoff Allow. B		H Hex	J Hex
#								
			inch	mm	inch	mm	inch	inch
10891N-6-6	5/8-18	-6	1.69	43	1-1/16	27	5/8	3/4
10891N-12-12	1-1/16-14	-12	2.12	54	1-5/16	33	1	1-1/4

Construction: Brass nipple, steel nut and shell.

Add "S" for Steel nipple, nut and shell.

Add "C" for Stainless Steel.

12891N Male Inverted Swivel–Straight

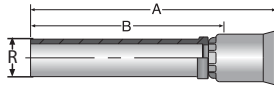


Part Number	Thread Size	Hose Size	A		Cutoff Allow. B		J Hex
#							
			inch	mm	inch	mm	inch
12891N-4-4	7/16-24	-4	2.09	53	1-1/2	38	7/16
12891N-5-5	1/2-20	-5	2.15	55	1-9/16	40	1/2
12891N-5-6	1/2-20	-6	2.23	57	1-9/16	40	1/2
12891N-6-6	5/8-18	-6	2.23	57	1-9/16	40	5/8
12891N-8-8	3/4-18	-8	2.31	59	1-5/8	41	3/4
12891N-10-10	7/8-18	-10	2.43	58	1-3/4	44	7/8
12891N-12-12	1-1/16-16	-12	2.50	64	1-11/16	43	1-1/16

Construction: Steel nipple, tube, nut and shell.

Add "C" for Stainless Steel.

13491N Straight Tube



Part Number	Hose Size	Diameter R	A		Cutoff Allow. B	
#						
		inch	inch	mm	inch	mm
13491N-8-8	-8	1/2	2.80	71	2-1/8	54
13491N-8-10	-10	1/2	2.81	71	2-1/8	54
13491N-10-10	-10	5/8	2.96	75	2-1/4	58
13491N-12-12	-12	3/4	3.37	86	2-9/16	65

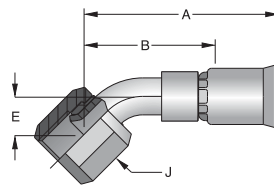
Construction: Brass nipple, steel shell.

Add "B" for Brass nipple and shell.

Add "C" for Stainless Steel.

NOTE: The 16T91N fitting includes 13491N with the 60HAB sleeve and 61HAB nut.

13791N JIC 37° Swivel 45° Elbow



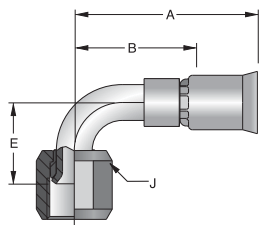
Part Number	Thread Size	Hose Size	A		Cutoff Allow. B		E		J Hex
#									
			inch	mm	inch	mm	inch	mm	inch
13791N-4-4	7/16-20	-4	1.74	44	1-3/16	30	0.33	8	9/16
13791N-5-5	1/2-20	-5	1.87	47	1-1/4	32	0.36	9	5/8
13791N-6-6	9/16-18	-6	1.94	49	1-5/16	33	0.43	11	11/16
13791N-8-8	3/4-16	-8	2.28	58	1-9/16	37	0.55	14	7/8
13791N-10-10	7/8-14	-10	2.42	61	1-11/16	43	0.64	43	1
13791N-12-12	1-1/16-12	-12	2.83	58	2-1/16	52	0.78	20	1-1/4
13791N-16-16	1-5/16-12	-16	3.18	81	2-1/4	57	0.89	23	1-1/2
13791-20-20	1-5/8-12	-20	3.67	93	2-9/16	65	1.10	28	2

Construction: Steel tube, nipple, nut and shell.

Add "C" for Stainless Steel.

Non Standard. See page ii for information on non-standard products.

13991N JIC 37° Swivel 90° Elbow Short Drop

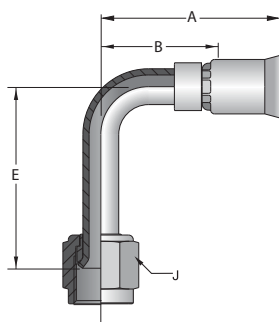


Part Number	Thread Size	Hose Size	A		Cutoff Allow. B		E		J Hex
			inch	mm	inch	mm	inch	mm	inch
#									
13991N-4-4	7/16-20	-4	1.62	41	1-1/16	37	0.68	17	9/16
13991N-5-5	1/2-20	-5	1.71	43	1-1/8	29	0.77	20	5/8
13991N-6-6	9/16-18	-6	1.91	49	1-1/4	32	0.91	23	11/16
13991N-8-8	3/4-16	-8	2.03	52	1-5/16	33	1.09	28	7/8
13991N-10-10	7/8-14	-10	2.27	58	1-9/16	37	1.23	43	1
13991N-12-12	1-1/16-12	-12	2.75	58	1-15/16	49	1.82	46	1-1/2
13991N-16-16	1-5/16-12	-16	3.15	80	2-3/16	56	2.14	52	1-1/2
13991-20-20	1-5/8-12	-20	3.53	90	2-7/16	62	1.18	30	2

Construction: Steel tube, nipple, nut and shell.

Add "C" for Stainless Steel.

14191N JIC 37° Swivel 90° Elbow Long Drop



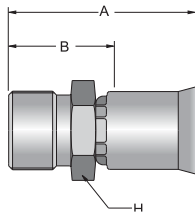
Part Number	Thread Size	Hose Size	A		Cutoff Allow. B		E		J Hex
			inch	mm	inch	mm	inch	mm	inch
#									
14191N-4-4	7/16-20	-4	1.66	42	1-1/8	29	1.80	46	9/16
14191N-5-5	1/2-20	-5	1.72	44	1-1/8	29	1.77	45	5/8
14191N-6-6	9/16-18	-6	1.93	49	1-5/16	33	2.13	54	11/16
14191N-8-8	3/4-16	-8	2.11	54	1-3/8	35	2.43	62	7/8
14191N-10-10	7/8-14	-10	2.34	59	1-5/8	41	2.57	65	1
14191N-12-12	1-1/16-12	-12	2.63	67	1-7/8	48	3.73	95	1-1/4
14191N-16-16	1-5/16-12	-16	3.15	80	2-3/16	56	4.33	110	1-1/2
14191-20-20	1-5/8-12	-20	4.00	102	2-15/16	75	5.28	134	2

Construction: Steel tube, nipple, nut and shell.

Add "C" for Stainless Steel.

Hose
A

16191N Compression Air Brake



Part Number	Thread Size	Hose Size	A		Cutoff Allow. B		H Hex
#							
			inch	mm	inch	mm	inch
16191N-8-8	11/16-20	-8	1.61	41	15/16	24	3/4
16191N-8-10	11/16-20	-10	1.61	41	15/16	24	7/8
16191N-10-10	13/16-18	-10	1.82	46	1-1/8	29	15/16
16191N-12-12	1-18	-12	1.93	49	1-1/8	29	1-1/4

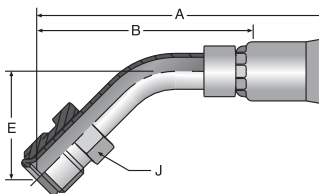
Construction: Brass nipple, steel shell.

Add "B" for Brass nipple and shell.

Add "C" for Stainless Steel.

Tubing
BCoiled Air Hose
& Fittings
CTransportation
D

16791N Male Inverted Swivel 45° Elbow



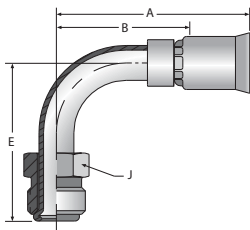
Part Number	Thread Size	Hose Size	A		Cutoff Allow. B		E		J Hex
#									
			inch	mm	inch	mm	inch	mm	inch
16791N-4-4	7/16-24	-4	2.05	52	1-1/2	38	0.63	16	7/16
16791N-5-5	1/2-20	-5	2.48	63	1-7/8	48	0.71	18	1/2
16791N-6-6	5/8-18	-6	2.60	66	1-15/16	49	0.96	24	5/8
16791N-8-8	3/4-18	-8	2.85	72	2-1/8	54	0.90	23	3/4
16791N-10-10	7/8-18	-10	3.30	84	2-5/8	67	1.02	43	7/8
16791N-12-12	1-1/16-16	-12	3.64	58	2-13/16	71	1.15	29	1-1/16

Construction: Steel tube, nipple, nut and shell.

Add "C" for Stainless Steel.

Fittings
Series 91
ETooling, Equipment
& Accessories
FGeneral Technical
G

16991N Male Inverted Swivel 90° Elbow

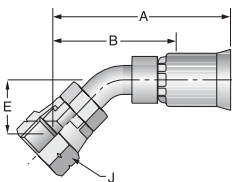


Part Number	Thread Size	Hose Size	A		Cutoff Allow. B		E		J Hex
#									
			inch	mm	inch	mm	inch	mm	inch
16991N-4-4	7/16-24	-4	1.72	44	1-3/16	30	1.19	30	7/16
16991N-5-5	1/2-20	-5	1.98	50	1-3/8	35	1.65	42	1/2
16991N-5-6	1/2-20	-6	2.03	52	1-7/16	37	1.65	42	1/2
16991N-6-6	5/8-18	-6	2.08	53	1-7/16	37	1.70	43	5/8
16991N-8-8	3/4-18	-8	2.18	55	1-1/2	38	1.87	43	3/4
16991N-10-10	7/8-18	-10	3.02	58	2-5/16	59	2.18	55	7/8
16991N-12-12	1-1/16-16	-12	3.36	85	2-9/16	64	2.51	64	1-1/16

Construction: Steel tube, nipple, nut and shell.

Add "C" for Stainless Steel.

17791N SAE 45° Swivel 45° Elbow

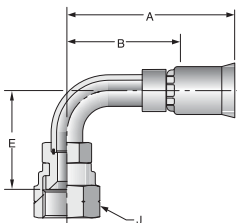


Part Number	Thread Size	Hose Size	A		Cutoff Allow. B		E		J Hex
#									
			inch	mm	inch	mm	inch	mm	inch
17791N-6-6	5/8-18	3/8	2.06	52	1-5/16	33	0.39	10	3/4
17791N-12-12	1-1/16-14	3/4	3.07	78	2-7/16	62	0.78	20	1-1/4

Construction: Steel tube, nipple, nut and shell.

Add "C" for Stainless Steel.

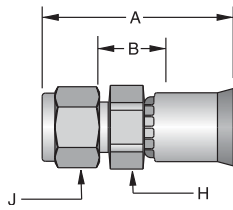
17991N SAE 45° Swivel 90° Elbow



Part Number	Thread Size	Hose Size	A		Cutoff Allow. B		E		J Hex
#									
			inch	mm	inch	mm	inch	mm	inch
17991N-6-6	5/8-18	3/8	2.06	52	1-5/16	49	1.19	30	3/4
17991N-12-12	1-1/16-14	3/4	2.92	74	2-1/8	54	1.82	46	1-1/4

Construction: Steel tube, nipple, nut and shell.

Add "C" for Stainless Steel.

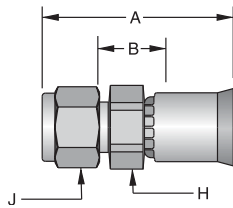
1AL91N A-LOK® Compression

Part Number	Part Number	Hose Size	A		Cutoff Allow. B		H Hex	J Hex
#	#							
w/nut & ferrule	w/o nut & ferrules		inch	mm	inch	mm	inch	inch
1AL91N-4-4C	1AL91N-4-4NC	-4	1.30	33	7/16	11	1/2	9/16
1AL91N-4-5C	1AL91N-4-5NC	-5	1.35	34	7/16	11	1/2	9/16
1AL91N-6-6C	1AL91N-6-6NC	-6	1.53	39	1/2	13	5/8	11/16
1AL91N-8-8C	1AL91N-8-8NC	-8	1.61	41	7/16	11	13/16	7/8
1AL91N-12-12C	1AL91N-12-12NC	-12	1.86	47	1/2	13	1-1/8	1-1/8
1AL91N-16-16C	1AL91N-16-16NC	-16	2.11	58	7/16	11	1-3/8	1-1/2

Construction: Stainless steel nipple, nut, ferrules and shell.

NOTE: Nut part No. is **XNUX-316**;
Front ferrule part No. is **XFFX-316**;
Back ferrule part No. is **XBFX-316**.
X denotes dash size.

Nuts and Ferrules are Manufactured by the Instrumentation Products Division. Refer to Catalog 4230/4233 for Installation Instructions and Replacement Components.

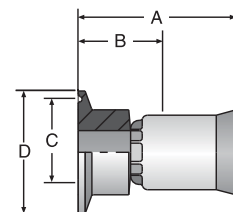
1P691N CPI® Compression (With Nut and Ferrule)

Part Number	Hose Size	A		Cutoff Allow. B		H Hex	J Hex
#							
w/nut & ferrules		inch	mm	inch	mm	inch	inch
1P691N-4-4C	-4	1.30	33	7/16	11	1/2	9/16
1P691N-6-6C	-6	1.53	39	1/2	13	5/8	11/16
1P691N-8-8C	-8	1.61	41	7/16	11	13/16	7/8

Construction: Stainless steel nipple and shell.

NOTE: Nut part No. is **XBZ-SS**;
Ferrule part No. is **XTZ-SS**;
X denotes dash size.

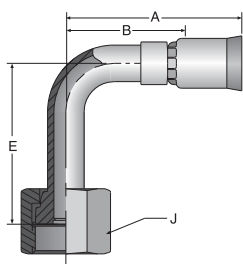
Nuts and Ferrules are Manufactured by the Instrumentation Products Division. Refer to Catalog 4230/4233 for Installation Instructions and Replacement Components.

1FN91N Sanitary Flange

Part Number	Hose Size	A		Cutoff Allow. B		C		Flange Size D	
#									
		inch	mm	inch	mm	inch	mm	inch	mm
1FN91N-16-16C	-16	1.96	50	1-1/16	27	0.87	22	1.98	50

Construction: Stainless steel nipple and shell.

1J191N Female Seal-Lok™ Swivel 90° Elbow Long Drop

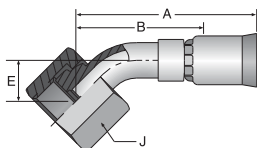


Part Number	Thread Size	Hose Size	A		Cutoff Allow. B		E		J Hex
#									
			inch	mm	inch	mm	inch	mm	inch
1J191N-4-4	9/16-18	-4	1.66	42	1-1/16	27	1.80	46	11/16
1J191N-4-5	9/16-18	-5	1.78	45	1-1/16	27	1.80	46	11/16
1J191N-6-5	11/16-16	-5	1.92	49	1-3/16	30	2.13	54	13/16
1J191N-6-6	11/16-16	-6	1.92	49	1-3/16	30	2.13	54	13/16
1J191N-8-6	13/16-16	-6	2.00	51	1-9/16	40	2.51	64	15/16
1J191N-8-8	13/16-16	-8	2.15	58	1-7/16	37	2.51	64	15/16
1J191N-10-10	1-14	-10	1.25	32	1-9/16	40	2.76	70	1-1/8
1J191N-12-12	1-3/16-12	-12	2.65	67	1-13/16	46	3.78	96	1-3/8
1J191N-16-16	1-7/16-12	-16	3.15	80	2-1/4	57	4.50	114	1-1/2

Construction: Steel tube, nipple, nut and shell.

Add "C" for Stainless Steel.

1J791N Female Seal-Lok™ Swivel 45° Elbow

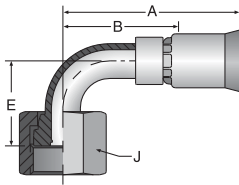


Part Number	Thread Size	Hose Size	A		Cutoff Allow. B		E		J Hex
#									
			inch	mm	inch	mm	inch	mm	inch
1J791N-4-4	9/16-18	-4	1.73	44	1-1/4	32	0.41	10	11/16
1J791N-4-6	9/16-18	-6	1.91	49	1-5/16	33	0.41	10	11/16
1J791N-6-6	11/16-16	-6	2.02	51	1-3/8	35	0.43	11	13/16
1J791N-8-8	13/16-16	-8	2.18	55	1-1/2	38	0.59	15	15/16
1J791N-8-10	13/16-16	-8	2.39	61	1-11/16	43	0.59	15	15/16
1J791N-10-10	1-14	-10	2.47	63	1-3/4	44	0.59	43	1-1/8
1J791N-12-12	1-3/16-12	-12	2.74	58	1-15/16	49	0.81	21	1-3/8
1J791N-16-16	1-7/16-12	-16	3.50	89	2-1/2	64	0.94	24	1-5/8

Construction: Steel tube, nipple, nut and shell.

Add "C" for Stainless Steel.

1J991N Female Seal-Lok™ Swivel 90° Elbow Short Drop

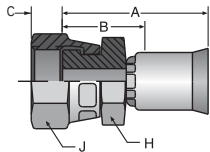


Part Number	Thread Size	Hose Size	A		Cutoff Allow. B		E		J Hex
#									
			inch	mm	inch	mm	inch	mm	inch
1J991N-4-4	9/16-18	-4	1.73	44	1-1/4	32	0.82	21	11/16
1J991N-6-6	11/16-16	-6	1.91	49	1-5/16	33	0.91	23	13/16
1J991N-8-8	13/16-16	-6	2.02	51	1-3/8	35	1.15	29	15/16
1J991N-10-10	1-14	-10	2.18	55	1-1/2	38	1.27	32	1-1/8
1J991N-12-12	1-3/16-12	-12	2.39	61	1-11/16	43	1.85	43	1-3/8
1J991N-16-16	1-7/16-12	-16	2.47	63	1-3/4	44	2.21	56	1-5/8

Construction: Steel tube, nipple, nut and shell.

Add "C" for Stainless Steel.

1JC91N Female Seal-Lok™ Swivel Straight



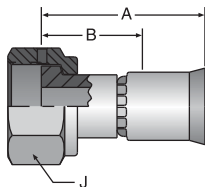
Part Number	Thread Size	Hose Size	A		Cutoff Allow. B		C		H Hex	J Hex
#										
			inch	mm	inch	mm	inch	mm	inch	inch
1JC91N-4-4	9/16-18	-4	1.46	37	5/8	16	.32	8	9/16	11/16
1JC91N-6-6	11/16-16	-6	1.62	41	11/16	17	.32	8	5/8	13/16
1JC91N-8-8	13/16-16	-8	1.93	49	13/16	21	.43	11	3/4	15/16
1JC91N-10-10	1-14	-10	2.05	52	7/8	22	.53	13	15/16	1-1/8
1JC91N-12-10	1-3/16-12	-10	2.05	52	1-1/4	32	.57	14	15/16	1-3/8
1JC91N-12-12	1-3/16-12	-12	2.05	58	1-1/4	32	.57	14	15/16	1-3/8
1JC91N-16-16	1-7/16-12	-16	2.56	65	1-1/16	27	.58	15	1-3/8	1-5/8
1JC91N-20-16	1-11/16-12	-16	2.30	58	1-3/8	35	.59	15	1-5/8	1-7/8
1JC91-20-20	1-11/16-12	-20	2.68	68	1-11/16	43	.59	15	1-11/16	1-7/8

Construction: Steel nipple, nut and shell.

Add "B" for Brass nipple, nut and shell.

Add "C" for Stainless Steel.

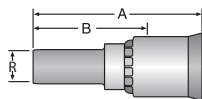
1Q191N Ultra Seal



Part Number	Thread Size	Hose Size	A		Cutoff Allow. B		J Hex
#							
			inch	mm	inch	mm	inch
1Q191N-8-8C	7/8-20	-8	1.62	41	15/16	24	1

Construction: Stainless Steel.

1TU91N Universal Tube Stub

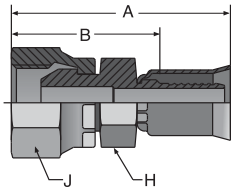


Part Number	Hose Size	Diameter R	A		Cutoff Allow. B	
#						
		inch	inch	mm	inch	mm
1TU91-2-3C	-3	1/8	1.33	34	7/8	22
1TU91-3-3C	-3	3/16	1.33	34	7/8	22
1TU91N-4-4C	-4	1/4	1.63	41	1-1/16	27
1TU91N-4-5C	-5	1/4	1.70	43	1-1/16	27
1TU91N-6-6C	-6	3/8	1.81	46	1-3/16	30
1TU91N-8-8C	-8	1/2	2.72	58	1-7/16	37
1TU91N-8-10C	-10	1/2	2.14	54	1-7/16	37
1TU91N-10-10C	-10	5/8	2.14	54	1-7/16	37
1TU91N-12-12C	-12	3/4	2.24	57	1-7/16	37
1TU91N-16-16C	-16	1	2.73	69	1-3/4	44

Construction: Stainless Steel.

NOTE: Use with A-Lok & CPI nuts, sleeves and adapters. These components are manufactured by Parker's Instrumentation Connectors Division. Refer to catalogs 4230 & 4233 for additional information.

19291N Female BSP Parallel Pipe Swivel Straight (60° Cone)



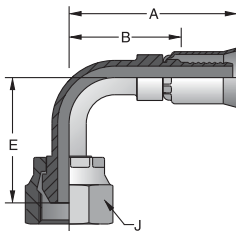
Part Number	Thread Size	Hose Size	A		Cutoff Allow. B		H Hex	J Hex
#								
			inch	mm	inch	mm	inch	inch
19291N-8-8	PF-1/2-14	-8	1.99	51	1-5/16	33	27	27
19291N-12-12	PF-3/4-14	-12	2.35	60	1-9/16	40	36	36

Construction: Steel nipple, nut and shell.

Add "B" for Brass nipple, nut and shell.

Add "C" for Stainless Steel.

1B291N Female BSP Parallel Pipe Swivel - 90° Elbow (60° Cone)



Part Number	Thread Size	Hose Size	A		Cutoff Allow. B		E		J Hex
#									
			inch	mm	inch	mm	inch	mm	inch
1B291N-8-8	PF-1/2-14	-8	2.04	52	1-3/8	35	1.57	40	27
1B291N-12-12	PF-3/4-14	-12	2.93	74	2-1/8	54	2.54	65	36

Construction: Steel nipple, nut and shell.

Add "C" for Stainless Steel.

联系方式：

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