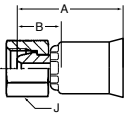




1C391N – Metric female swivel 24°/60° **Light series – Metric swivel nut**



MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
 For stainless steel (AISI 316) please add **C** to the
 Part No. Example: 1C391N-6-4**C**.
 Other materials available on request.

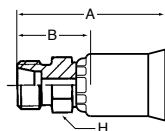
Part No. #	DN size				Connection type		A mm	B mm	J mm	Max. WP MPa
	mm	inch	mm	inch	Thread size	Tube OD mm				
1C391N-6-4-RD	5	-04	4.8	3/16	M12x1.5	6	29	14	14	25.0
1C391N-6-5-RD	6	-05	6.4	1/4	M12x1.5	6	30	14	14	25.0
1C391N-8-5-RD	6	-05	6.4	1/4	M14x1.5	8	31	14	17	25.0
1C391N-8-6-RD	8	-06	7.9	5/16	M14x1.5	8	32	14	17	25.0
1C391N-10-6-RD	8	-06	7.9	5/16	M16x1.5	10	34	16	19	25.0
1C391N-10-8-RD	10	-08	10.3	13/32	M16x1.5	10	36	17	19	25.0
1C391N-12-8-RD	10	-08	10.3	13/32	M18x1.5	12	35	15	22	25.0
1C391N-12-10-RD	12	-10	12.7	1/2	M18x1.5	12	38	18	22	25.0
1C391N-15-10-RD	12	-10	12.7	1/2	M22x1.5	15	37	17	27	25.0
1C391N-18-10-RD	12	-10	12.7	1/2	M26x1.5	18	37	17	32	16.0
1C391N-18-12-RD	16	-12	15.9	5/8	M26x1.5	18	40	17	32	16.0
1C391N-22-16-RD	22	-16	22.2	7/8	M30x2	22	49	22	36	16.0



1D091N – Metric male 24°

Light series
ISO 12151-2

MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
For stainless steel (AISI 316) please add **C** to the
Part No. Example: 1D091N-8-6**C**.
Other materials available on request.



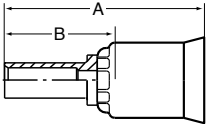
Part No. #	DN size mm inch				Connection type		A mm	B mm	H mm	Max. WP MPa
					Thread size	Tube OD mm				
										
1D091N-6-4	5	-04	4.8	3/16	M12x1.5	6	31	16	12	25.0
1D091N-8-5	6	-05	6.4	1/4	M14x1.5	8	33	16	14	42.5
1D091N-8-6	8	-06	7.9	5/16	M14x1.5	8	34	16	14	42.5
1D091N-10-6	8	-06	7.9	5/16	M16x1.5	10	35	17	17	40.0
1D091N-10-8	10	-08	10.3	13/32	M16x1.5	10	39	19	17	40.0
1D091N-12-8	10	-08	10.3	13/32	M18x1.5	12	39	19	19	35.0
1D091N-12-10	12	-10	12.7	1/2	M18x1.5	12	41	20	19	35.0
1D091N-15-10	12	-10	12.7	1/2	M22x1.5	15	42	21	22	31.0
1D091N-18-12	16	-12	15.9	5/8	M26x1.5	18	46	23	27	28.0
1D091N-22-16	22	-16	22.2	7/8	M30x2	22	54	27	30	28.0



11D91N – Metric standpipe

Light series

MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
For stainless steel (AISI 316) please add **C** to the Part No. Example: 11D91N-8-6**C**.
Other materials available on request.

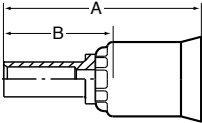


Part No. #	DN	size	mm	inch	Tube OD mm	A mm	B mm	Max. WP MPa
11D91N-6-4	5	-04	4.8	3/16	6	44	29	25.0
11D91N-6-5	6	-05	6.4	1/4	6	43	26	25.0
11D91N-8-5	6	-05	6.4	1/4	8	47	30	25.0
11D91N-8-6	8	-06	7.9	5/16	8	46	28	25.0
11D91N-10-6	8	-06	7.9	5/16	10	45	27	25.0
11D91N-10-8	10	-08	10.3	13/32	10	47	27	25.0
11D91N-12-8	10	-08	10.3	13/32	12	53	34	25.0
11D91N-12-10	12	-10	12.7	1/2	12	47	27	25.0
11D91N-15-10	12	-10	12.7	1/2	15	49	29	25.0
11D91N-18-10	12	-10	12.7	1/2	18	50	30	16.0
11D91N-18-12	16	-12	15.9	5/8	18	53	30	16.0
11D91N-22-16	22	-16	22.2	7/8	22	60	33	16.0

PTFE / FEP



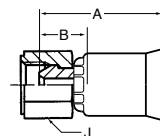
13D91N – Metric standpipe
Heavy series



MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
For stainless steel (AISI 316) please add **C** to the
Part No. Example: 13D91N-6-3**C**.
Other materials available on request.

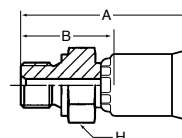
Part No. #	DN	size	mm	inch	Tube OD mm	A mm	B mm	Max. WP MPa
13D91N-6-3	3	-03	3.2	1/8	6	41	30	63.0
13D91N-8-4	5	-04	4.8	3/16	8	43	27	63.0
13D91N-10-5	6	-05	6.4	1/4	10	46	29	63.0
13D91N-12-6	8	-06	7.9	5/16	12	48	30	63.0
13D91N-14-8	10	-08	10.3	13/32	14	53	33	63.0
13D91N-16-10	12	-06	12.7	1/2	16	55	35	40.0
13D91N-20-12	16	-10	15.9	5/8	20	63	40	40.0
13D91N-25-16	22	-12	22.2	7/8	25	71	44	40.0
13D91N-30-16	22	-16	22.2	7/8	30	75	48	25.0

19291N – BSP female swivel 60° cone

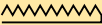


MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
For stainless steel (AISI 316) please add **C** to the
Part No. Example: 19291N-4-4**C**-RD.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	J mm	Max. WP MPa
	DN	size	mm	inch	Thread size 	Tube OD inch 				
19291N-4-4-RD	5	-04	4.8	3/16	G 1/4	1/4	27	11	19	63.0
19291N-4-5-RD	6	-05	6.4	1/4	G 1/4	1/4	28	11	19	63.0
19291N-6-6-RD	8	-06	7.9	5/16	G 3/8	3/8	33	15	22	55.0
19291N-6-8-RD	10	-08	10.3	13/32	G 3/8	3/8	34	15	22	55.0
19291N-8-10-RD	12	-10	12.7	1/2	G 1/2	1/2	37	17	27	43.0
19291N-12-12-RD	16	-12	15.9	5/8	G 3/4	3/4	40	17	32	35.0
19291N-12-16-RD	22	-16	22.2	7/8	G 3/4	3/4	46	19	32	35.0

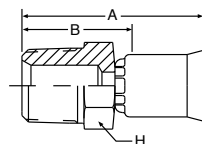
1D991N – BSP male
DIN 3852 Form A

MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
For stainless steel (AISI 316) please add **C** to the
Part No. Example: 1D991N-6-6**C**.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	H mm	Max. WP MPa
	DN	size	mm	inch	Thread size 	Tube OD inch 				
1D991N-4-4	5	-04	4.8	3/16	G 1/4	1/4	38	23	19	63.0
1D991N-4-5	6	-05	6.4	1/4	G 1/4	1/4	38	22	19	63.0
1D991N-6-6	8	-06	7.9	5/16	G 3/8	3/8	40	22	22	55.0
1D991N-6-8	10	-08	10.3	13/32	G 3/8	3/8	41	21	22	55.0
1D991N-8-10	12	-10	12.7	1/2	G 1/2	1/2	47	27	27	43.0
1D991N-12-12	16	-12	15.9	5/8	G 3/4	3/4	51	28	32	35.0
1D991N-12-16	22	-16	22.2	7/8	G 3/4	3/4	57	30	32	35.0



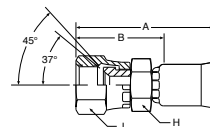
10191N – National Pipe Tapered (NPT) male



MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
For stainless steel (AISI 303) please add **C** to the
Part No. Example: 10191N-4-6**C**.
Other materials available on request.

Part No. #	DN	size	mm	inch	Connection type Thread size 	A mm	B mm	H inch 	Max. WP MPa 
10191N-2-4	5	-04	4.8	3/16	1/8 - 27NPTF	32	19	1/2	34.5
10191N-4-4	5	-04	4.8	3/16	1/4 - 18NPTF	38	24	1/2	34.5
10191N-4-5	6	-05	6.4	1/4	1/4 - 18NPTF	39	25	9/16	34.5
10191N-4-6	8	-06	7.9	5/16	1/4 - 18NPTF	41	24	5/8	34.5
10191N-6-6	8	-06	7.9	5/16	3/8 - 18NPTF	42	25	5/8	27.5
10191N-4-8	10	-08	10.3	13/32	1/4 - 18NPTF	50	30	7/8	34.5
10191N-6-8	10	-08	10.3	13/32	3/8 - 18NPTF	43	25	3/4	27.5
10191N-8-8	10	-08	10.3	13/32	1/2 - 14NPTF	49	32	3/4	24.0
10191N-8-10	12	-10	12.7	1/2	1/2 - 14NPTF	50	32	7/8	24.0
10191N-8-12	16	-12	15.9	5/8	1/2 - 14NPTF	61	38	1 1/8	24.0
10191N-12-12	16	-12	15.9	5/8	3/4 - 14NPTF	56	35	1	21.0
10191N-16-16	22	-16	22.2	7/8	1 - 11 1/2NPTF	60	38	1 3/8	17.0

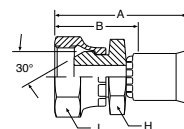
10691N – SAE (JIC) 37° female swivel UNF swivel nut



MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
For stainless steel (AISI 316) please add **C** to the
Part No. Example: 10691N-6-6**C**.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	H inch	J inch	Max. WP MPa
	DN	size	mm	inch	Thread size	Tube OD inch					
10691N-4-4	5	-04	4.8	3/16	7/16 - 20UNF	1/4	36	22	3/8	9/16	41.0
10691N-5-5	6	-05	6.4	1/4	1/2 - 20UNF	5/16	40	24	7/16	5/8	41.0
10691N-6-6	8	-06	7.9	5/16	9/16 - 18UNF	3/8	41	25	1/2	11/16	34.5
10691N-8-8	10	-08	10.3	13/32	3/4 - 16UNF	1/2	48	30	11/16	7/8	34.5
10691N-10-10	12	-10	12.7	1/2	7/8 - 14UNF	5/8	52	33	13/16	1	34.5
10691N-12-12	16	-12	15.9	5/8	1 1/16 - 12UNF	3/4	54	33	1	1 1/4	34.5
10691N-16-16	22	-16	22.2	7/8	1 5/16 - 12UNF	1	62	40	1 1/4	1 1/2	27.5

10791N – NPSM female swivel

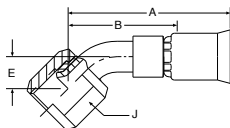


MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
For stainless steel (AISI 303) please add **C** to the
Part No. Example: 10791N-4-4**C**.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	H inch	J inch	Max. WP MPa
	DN	size	mm	inch	Thread size	Tube OD inch					
10791N-4-4	5	-04	4.8	3/16	1/4 - 18NPSM	1/4	38	24	9/16	3/4	34.5
10791N-6-6	8	-06	7.9	5/16	3/8 - 18NPSM	3/8	42	25	5/8	7/8	27.5
10791N-8-8	10	-08	10.3	13/32	1/2 - 14NPSM	1/2	46	29	3/4	1	24.0
10791N-12-12	16	-12	15.9	5/8	3/4 - 14NPSM	3/4	53	33	1	1 1/4	21.0
10791N-16-16	22	-16	22.2	7/8	1 - 11 1/2NPSM	1	57	33	1 3/16	1 3/8	17.0



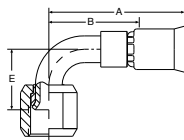
13791N – SAE (JIC) 37° female swivel 45° elbow – UNF swivel nut



MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	E mm	J inch	Max. WP MPa
	size	mm	inch	Thread size	Tube OD inch						
											
13791N-4-4	5	-04	4.8	3/16	7/16 - 20UNF	1/4	44	29	8	9/16	41.0
13791N-5-5	6	-05	6.4	1/4	1/2 - 20UNF	5/16	50	30	9	5/8	41.0
13791N-6-6	8	-06	7.9	5/16	9/16 - 18UNF	3/8	51	32	14	11/16	34.5
13791N-8-8	10	-08	10.3	13/32	3/4 - 16UNF	1/2	59	41	14	7/8	34.5
13791N-10-10	12	-10	12.7	1/2	7/8 - 14UNF	5/8	65	49	16	1	34.5
13791N-12-12	16	-12	15.9	5/8	1 1/16 - 12UNF	3/4	72	52	20	1 1/4	34.5
13791N-16-16	22	-16	22.2	7/8	1 5/16 - 12UNF	1	80	57	23	1 1/2	27.5

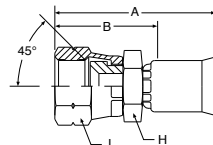
13991N – SAE (JIC) 37° female swivel 90° elbow – UNF swivel nut



MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	E mm	J inch	Max. WP MPa
					Thread size	Tube OD inch					
											
13991N-4-4	5	-04	4.8	3/16	7/16 - 20UNF	1/4	41	27	24	9/16	41.0
13991N-5-5	6	-05	6.4	1/4	1/2 - 20UNF	5/16	43	29	20	5/8	41.0
13991N-6-6	8	-06	7.9	5/16	9/16 - 18UNF	3/8	49	32	22	11/16	34.5
13991N-8-8	10	-08	10.3	13/32	3/8 - 16UNF	1/2	52	30	28	7/8	34.5
13991N-10-10	12	-10	12.7	1/2	7/8 - 14UNF	5/8	61	43	31	1	34.5
13991N-12-12	16	-12	15.9	5/8	1 1/16 - 12UNF	3/4	76	54	46	1 1/2	34.5
13991N-16-16	22	-16	22.2	7/8	1 5/16 - 12UNF	1	80	56	54	1 1/2	27.5

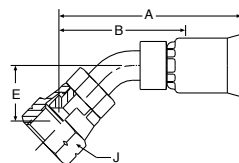
10891N – SAE (JIC) 45° female swivel UNF swivel nut



MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	H inch	J inch	Max. WP MPa
	8	16	size	mm	inch	Thread size	Tube OD inch				
10891N-6-6	8	-06	7.9	5/16		5/8 - 18UNF	3/8	43	27	5/8	34.5
10891N-12-12	16	-12	15.9	5/8		1 1/16 - 14UNF	3/4	54	33	1	34.5

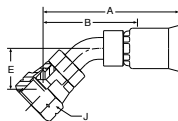
17791N – SAE (JIC) 45° female swivel 45° elbow – UNF swivel nut



MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	E mm	J inch	Max. WP MPa
	8	16	size	mm	inch	Thread size	Tube OD inch				
17791N-6-6	8	-06	7.9	5/16		5/8 - 18UNF	3/8	52	33	10	34.5
17791N-12-12	16	-12	15.9	5/8		1 1/16 - 14UNF	3/4	78	62	20	34.5

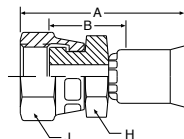
17991N – SAE (JIC) 45° female swivel 90° elbow – UNF swivel nut



MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	E mm	J inch	Max. WP MPa
	DN	size	mm	inch	Thread size	Tube OD inch					
17991N-6-6	8	-06	7.9	5/16	5/8 - 18UNF	3/8	52	49	30	3/4	34.5
17991N-12-12	16	-12	15.9	5/8	1 1/16 - 14UNF	3/4	74	54	46	1 1/4	34.5

1JC91N – O-Lok® ORFS swivel nut Short version – UNF swivel nut – ISO 12151-1

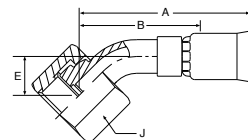


MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
For stainless steel (AISI 303) please add **C** to the
Part No. Example: 1JC91N-8-8**C**.
Other materials available on request.

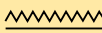
Part No. #	DN size mm inch				Connection type		A mm	B mm	H inch	J inch	Max. WP MPa
	DN	size	mm	inch	Thread size						
1JC91N-4-4	5	-04	4.8	3/16	9/16 - 18UNF		37	16	9/16	11/16	41.0
1JC91N-6-6	8	-06	7.9	5/16	11/16 - 16UNF		39	14	5/8	13/16	41.0
1JC91N-8-8	10	-08	10.3	13/32	13/16 - 16UNF		49	21	3/4	15/16	41.0
1JC91N-10-10	12	-10	12.7	1/2	1 - 14UNF		48	30	7/8	1 1/8	41.0
1JC91N-12-10	12	-10	12.7	1/2	1 3/16 - 12UNF		50	32	15/16	1 1/4	41.0
1JC91N-12-12	16	-12	15.9	5/8	1 3/16 - 12UNF		52	32	15/16	1 3/8	41.0
1JC91N-16-16	16	-12	15.9	5/8	1 7/16 - 12UNF		65	40	1.1	1 5/8	41.0
1JC91N-20-16	22	-16	22.2	7/8	1 11/16 - 12UNF		58	35	1 5/8	1 7/8	27.5

1J791N – O-Lok® ORFS swivel nut

45° elbow – UNF swivel nut

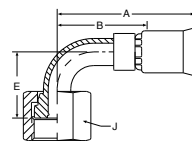


MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	E mm	J inch	Max. WP MPa
	DN	size	mm	inch	Thread size 	Tube OD inch 					
1J791N-4-4	5	-04	4.8	3/16	9/16 - 18UNF	1/4	44	32	10	11/16	41.0
1J791N-4-6	8	-06	7.9	5/16	9/16 - 18UNF	1/4	49	33	10	11/16	41.0
1J791N-6-6	8	-06	7.9	5/16	11/16 - 16UNF	3/8	51	35	11	13/16	41.0
1J791N-8-8	10	-08	10.3	13/32	13/16 - 16UNF	1/2	55	38	15	15/16	41.0
1J791N-10-10	12	-10	12.7	1/2	1 - 14UNF	5/8	63	44	15	1 1/8	41.0
1J791N-12-12	16	-12	15.9	5/8	1 3/16 - 12UNF	3/4	70	49	21	1 3/8	41.0
1J791N-16-16	22	-16	22.2	7/8	1 7/16 - 12UNF	1	89	64	24	1 5/8	41.0

1J991N – O-Lok® ORFS swivel nut

90° elbow – UNF swivel nut



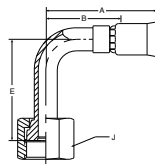
MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	E mm	J inch	Max. WP MPa
	DN	size	mm	inch	Thread size 	Tube OD inch 					
1J991N-4-4	5	-04	4.8	3/16	9/16 - 18UNF	1/4	45	32	21	11/16	41.0
1J991N-6-6	8	-06	7.9	5/16	11/16 - 16UNF	3/8	47	32	23	13/16	41.0
1J991N-8-8	10	-08	10.3	13/32	13/16 - 16UNF	1/2	53	35	29	15/16	41.0
1J991N-10-10	12	-10	12.7	1/2	1 - 14UNF	5/8	57	38	32	1 1/8	41.0
1J991N-12-12	16	-12	15.9	5/8	1 3/16 - 12UNF	3/4	67	48	47	1 3/8	41.0
1J991N-16-16	22	-16	22.2	7/8	1 7/16 - 12UNF	1	88	65	56	1 5/8	41.0



1J191N – O-Lok® ORFS swivel nut

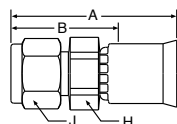
90° elbow – Long drop length – UNF swivel nut



MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	E mm	J inch	Max. WP MPa
	5	-04	4.8	3/16	Thread size	Tube OD inch					
1J191N-4-4	5	-04	4.8	3/16	9/16 - 18UNF	1/4	42	27	46	11/16	41.0
1J191N-6-5	6	-05	6.4	1/4	11/16 - 16UNF	3/8	49	30	54	13/16	41.0
1J191N-6-6	8	-06	7.9	5/16	11/16 - 16UNF	3/8	49	30	54	13/16	41.0
1J191N-8-8	10	-08	10.3	13/32	13/16 - 16UNF	1/2	55	37	64	15/16	41.0
1J191N-16-16	22	-16	22.2	7/8	1 7/16 - 12UNF	1	80	57	114	1 1/2	41.0

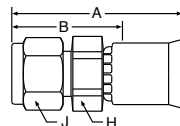
1AL91N – A-Lok® connector with clamp ring



MATERIAL Nipple, swivel nut and ferrule stainless steel (AISI 316);
stainless steel shell (AISI 303)

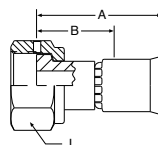
Part No. #	DN size mm inch				Tube OD inch	A mm	B mm	H inch	J inch	Max. WP MPa
	5	-04	4.8	3/16						
1AL91N-4-4C	5	-04	4.8	3/16	1/4	33	11	1/2	9/16	45.5
1AL91N-4-5C	6	-05	6.4	1/4	1/4	25	11	1/2	9/16	45.5
1AL91N-6-6C	8	-06	7.9	5/16	3/8	39	13	5/8	11/16	36.5
1AL91N-8-8C	10	-08	10.3	13/32	1/2	41	11	13/16	7/8	35.9
1AL91N-12-12C	16	-12	15.9	5/8	3/4	47	13	1 1/8	1 1/8	29.7
1AL91N-16-16C	22	-16	22.2	7/8	1	54	11	1 3/8	1 1/2	31.0

1P691N – CPI® connector with female swivel and clamp ring



MATERIAL Nipple, swivel nut and ferrule stainless steel (AISI 316);
stainless steel shell (AISI 303)

Part No. #	DN	size	mm	inch	Tube OD inch	A mm	B mm	H inch	J inch	Max. WP MPa
1P691N-4-4C	5	-04	4.8	3/16	1/4	33	11	1/2	9/16	45.5
1P691N-6-6C	8	-06	7.9	5/16	3/8	39	13	5/8	11/16	36.5
1P691N-8-8C	10	-08	10.3	13/32	1/2	41	11	13/16	7/8	35.9

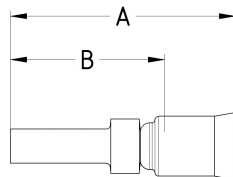
1Q191N – “Ultra Seal” connector
UNF swivel nut

MATERIAL Nipple and swivel nut stainless steel (AISI 316);
stainless steel shell (AISI 303)

Part No. #	DN	size	mm	inch	Connection type		A mm	B mm	J inch	Max. WP MPa
					Thread size	Tube OD inch				
1Q191N-4-4C	5	-04	4.8	3/16	9/16 - 20UNF	1/4	41	19	11/16	21.0
1Q191N-8-8C	10	-08	10.3	13/32	7/8 - 20UNF	1/2	41	24	1	14.0



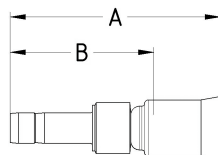
1TU91N – A-Lok® tube stub end



MATERIAL Stainless steel (AISI 303).
Other materials available on request.

Part No. #	DN	size	mm	inch	Tube OD inch	A mm	B mm	Max. WP MPa
1TU91N-4-4C	5	-04	4.8	3/16	1/4	41.4	28.4	21.0
1TU91N-6-6C	8	-06	7.9	5/16	3/8	46.0	30.4	21.0
1TU91N-8-8C	10	-08	10.3	13/32	1/2	57.9	40.8	17.5
1TU91N-12-12C	16	-12	15.9	5/8	3/4	56.9	37.4	14.0
1TU91N-16-16C	22	-16	22.2	7/8	1	69.4	46.5	8.3

1YW91N – A-Lok® metric standpipe



MATERIAL Stainless steel (AISI 303).
Other materials available on request.

Part No. #	DN	size	mm	inch	Tube OD mm	A mm	B mm	Max. WP MPa
1YW91N-6-4C	5	-04	4.8	3/16	6	41.0	28.0	21.0
1YW91N-8-4C	5	-04	4.8	3/16	8	41.9	28.8	21.0
1YW91N-10-6C	8	-06	7.9	5/16	10	47.6	32.0	17.5
1YW91N-12-8C	10	-08	10.3	13/32	12	55.6	38.5	17.5