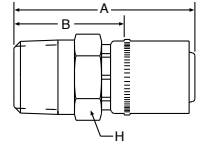
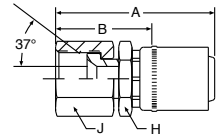


10193N – National Pipe Tapered (NPT) male



MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
For stainless steel (nipple AISI 316, shell AISI 303)
please add **C** to the Part No. Example: 10193N-8-8**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
10193N-8-8	12	-08	12.7	1/2	1/2 - 14NPTF	50	38	7/8	24.0
10193N-12-12	20	-12	19.0	3/4	3/4 - 14NPTF	66	43	1 1/8	21.0
10193N-16-16	25	-16	25.4	1	1 - 11 1/2NPTF	76	44	1 3/8	17.0
10193N-20-20	32	-20	31.8	1 1/4	1 1/4 - 11 1/2NPTF	79	48	1 11/16	15.0
10193N-24-24	40	-24	38.1	1 1/2	1 1/2 - 11 1/2NPTF	87	52	2	14.0
10193N-32-32	50	-32	50.8	2	2 - 11 1/2NPTF	94	59	2 1/2	14.0

10693N – SAE (JIC) 37° female swivel
UNF swivel nut

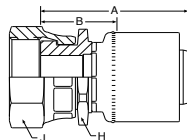
MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
For stainless steel (nipple AISI 316, shell AISI 303)
please add **C** to the Part No. Example: 10693N-8-8**C**.
Other materials available on request.

Part No. #	DN size mm inch				Connection type Thread size	A mm	B mm	H inch	J inch	Max. WP MPa
10693N-8-8	12	-08	12.7	1/2	3/4 - 16UNF	48	35	7/8	7/8	34.5
10693N-10-10	16	-10	15.9	5/8	7/8 - 14UNF	63	41	1	1	34.5
10693N-12-12	20	-12	19.0	3/4	1 1/16 - 12UNF	70	44	1 1/8	1 1/4	34.5
10693N-16-16	25	-16	25.4	1	1 5/16 - 12UNF	78	46	1 3/8	1 1/2	27.5
10693N-20-20	32	-20	31.8	1 1/4	1 5/8 - 12UNF	81	49	1 3/4	1 13/16	20.0
10693N-24-24	40	-24	38.1	1 1/2	1 7/8 - 12UNF	91	57	2	2 1/8	17.0
10693N-32-32	50	-32	50.8	2	2 1/2 - 12UNF	98	62	2 1/2	2 3/4	17.0



1JC93N – O-Lok® ORFS swivel nut

Short version – UNF swivel nut – ISO 12151-1



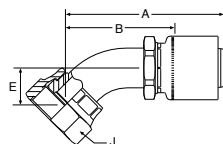
MATERIAL

Galvanised steel with transparent Cr(VI)-free plating.
For stainless steel (nipple AISI 316, shell AISI 303)
please add **C** to the Part No. Example: 1JC93N-16-16**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					
1JC93N-16-16	25	-16	25.4	1	1 7/16 - 12UNF	1	66	35	1 3/8	1 5/8	41.0
1JC93N-20-20	32	-20	31.8	1 1/4	1 11/16 - 12UNF	1 1/4	65	33	1 5/16	1 7/8	27.5

1J793N – O-Lok® ORFS swivel nut

45° elbow – 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: 1J793N-16-16**C**.
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					
1J793N-20-20	32	-20	31.8	1 1/4	1 11/16 - 12UNF	1 1/4	106	75	25	1 7/8	27.5

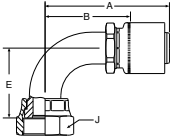


1J993N – O-Lok® ORFS swivel nut

90° elbow – 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: 1J993N-16-16**C**.
 Other materials available on request.



Part No.	DN size				Connection type		A mm	B mm	E mm	J inch	Max. WP MPa
	mm	inch	Thread size	Tube OD inch							
#											
1J993N-20-20	32	-20	31.8	1 1/4	1 11/16 - 12UNF	1 1/4	108	76	64	1 7/8	27.5