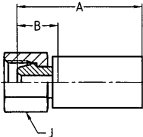




1C3PX – Metric female swivel 24°/60°
Light series – Metric swivel nut

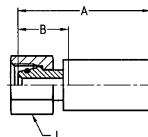


MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
For fittings as mentioned above, but with stainless steel nipple (AISI 303), please add **C2W** to the Part No. Example: 1C3PX-6-03 **C2W**.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	J mm	Max. WP MPa
			Tube OD mm							
1C3PX-6-02	3	-02	3.2	1/8	M12x1.5	6	32	16	14	25.0
1C3PX-8-02	3	-02	3.2	1/8	M14x1.5	8	36	19	17	25.0
1C3PX-6-03	5	-03	4.8	3/16	M12x1.5	6	43	18	14	25.0
1C3PX-8-03	5	-03	4.8	3/16	M14x1.5	8	43	18	17	25.0
1C3PX-10-03	5	-03	4.8	3/16	M16x1.5	10	43	18	19	25.0
1C3PX-8-04	6	-04	6.4	1/4	M14x1.5	8	46	18	17	25.0
1C3PX-10-04	6	-04	6.4	1/4	M16x1.5	10	46	18	19	25.0
1C3PX-10-05	8	-05	7.9	5/16	M16x1.5	10	46	18	19	25.0
1C3PX-10-06	10	-06	9.5	3/8	M16x1.5	10	49	20	22	25.0
1C3PX-12-06	10	-06	9.5	3/8	M18x1.5	12	48	19	22	25.0
1C3PX-12-08	12	-08	12.7	1/2	M18x1.5	12	52	20	24	25.0
1C3PX-15-08	12	-08	12.7	1/2	M22x1.5	15	51	20	27	25.0

1CAPX – Metric female swivel 24° with O-ring

Light series – Metric swivel nut – ISO 12151-2

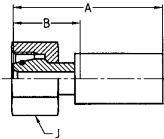


MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	size				Connection type		A mm	B mm	J mm	Max. WP MPa
	DN	size	mm	inch	Thread size 	Tube OD mm 				
1CAPX-6-03	5	-03	4.8	3/16	M12x1.5	6	45	20	14	31.5
1CAPX-8-03	5	-03	4.8	3/16	M14x1.5	8	50	25	17	42.5
1CAPX-6-04	6	-04	6.4	1/4	M12x1.5	6	48	20	17	31.5
1CAPX-8-04	6	-04	6.4	1/4	M14x1.5	8	51	23	17	42.5
1CAPX-10-04	6	-04	6.4	1/4	M16x1.5	10	50	22	19	40.0
1CAPX-10-05	8	-05	7.9	5/16	M16x1.5	10	50	22	19	40.0
1CAPX-12-05	8	-05	7.9	5/16	M18x1.5	12	50	22	22	35.0
1CAPX-10-06	10	-06	9.5	3/8	M16x1.5	10	51	22	22	40.0
1CAPX-12-06	10	-06	9.5	3/8	M18x1.5	12	52	23	22	35.0
1CAPX-15-08	12	-08	12.7	1/2	M22x1.5	15	59	28	27	31.5
1CAPX-18-08	12	-08	12.7	1/2	M26x1.5	18	57	26	32	31.5
1CAPX-18-10	16	-10	15.9	5/8	M26x1.5	18	56	25	32	31.5
1CAPX-22-12	20	-12	19.0	3/4	M30x2	22	62	27	36	28.0
1CAPX-28-16	25	-16	25.4	1	M36x2	28	64	29	41	21.0



1C9PX – Metric female swivel 24° with O-ring
Heavy series – Metric swivel nut – ISO 12151-2

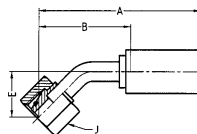


MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size				Connection type		A mm	B mm	J mm	Max. WP MPa
	mm	inch	Thread size	Tube OD mm						
1C9PX-6-03	5	-03	4.8	3/16	M14x1.5	6	46	21	17	63.0
1C9PX-8-03	5	-03	4.8	3/16	M16x1.5	8	47	22	19	63.0
1C9PX-8-04	6	-04	6.4	1/4	M16x1.5	8	52	24	19	63.0
1C9PX-10-04	6	-04	6.4	1/4	M18x1.5	10	55	27	22	63.0
1C9PX-12-05	8	-05	7.9	5/16	M20x1.5	12	56	28	24	63.0
1C9PX-12-06	10	-06	9.5	3/8	M20x1.5	12	54	25	24	63.0
1C9PX-14-06	10	-06	9.5	3/8	M22x1.5	14	59	30	27	63.0
1C9PX-16-08	12	-08	12.7	1/2	M24x1.5	16	65	34	30	42.0
1C9PX-20-10	16	-10	15.9	5/8	M30x2	20	68	37	36	42.0
1C9PX-25-12	20	-12	19.0	3/4	M36x2	25	77	42	46	42.0
1C9PX-30-16	25	-16	25.4	1	M42x2	30	79	45	50	42.0

1CEPX – Metric female swivel 24° with O-ring

45° elbow – Light series – Metric swivel nut – ISO 12151-2

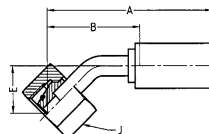


MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size				Connection type		A mm	B mm	E mm	J mm	Max. WP MPa
	mm	inch	Thread size	Tube OD mm							
1CEPX-6-03	5	-03	4.8	3/16	M12x1.5	6	58	32	17	14	31.5
1CEPX-6-04	6	-04	6.4	1/4	M12x1.5	6	72	43	23	17	31.5
1CEPX-8-04	6	-04	6.4	1/4	M14x1.5	8	72	43	23	17	42.5
1CEPX-10-05	8	-05	7.9	5/16	M16x1.5	10	72	43	20	19	40.0
1CEPX-10-06	10	-06	9.5	3/8	M16x1.5	10	70	40	18	19	40.0
1CEPX-12-06	10	-06	9.5	3/8	M18x1.5	12	70	40	18	22	35.0
1CEPX-15-08	12	-08	12.7	1/2	M22x1.5	15	83	51	21	27	31.5
1CEPX-18-10	16	-10	15.9	5/8	M26x1.5	18	96	65	27	32	31.5
1CEPX-22-12	20	-12	19.0	3/4	M30x2	22	114	79	32	36	28.0
1CEPX-28-16	25	-16	25.4	1	M36x2	28	112	77	35	41	21.0

10CPX – Metric female swivel 24° with O-ring

45° elbow – Heavy series – Metric swivel nut – ISO 12151-2



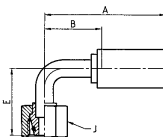
MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size				Connection type		A mm	B mm	E mm	J mm	Max. WP MPa
	mm	inch	Thread size	Tube OD mm							
10CPX-8-03	5	-03	4.8	3/16	M16x1.5	8	61	35	20	19	63.0
10CPX-10-04	6	-04	6.4	1/4	M18x1.5	10	74	45	24	22	63.0
10CPX-12-05	8	-05	7.9	5/16	M20x1.5	12	71	42	20	24	63.0
10CPX-14-06	10	-06	9.5	3/8	M22x1.5	14	70	40	19	27	63.0
10CPX-16-08	12	-08	12.7	1/2	M24x1.5	16	85	53	23	30	42.0
10CPX-20-10	16	-10	15.9	5/8	M30x2	20	99	68	29	36	42.0

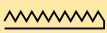


1CFPX – Metric female swivel 24° with O-ring

90° elbow – Light series – Metric swivel nut – ISO 12151-2

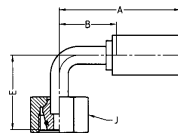


MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	E mm	J mm	Max. WP MPa
	DN	size	mm	inch	Thread size	Tube OD mm					
											
1CFPX-6-03	5	-03	4.8	3/16	M12x1.5	6	48	22	26	14	31.5
1CFPX-6-04	6	-04	6.4	3/8	M12x1.5	6	59	30	33	17	31.5
1CFPX-8-04	6	-04	6.4	1/4	M14x1.5	8	59	30	33	17	42.5
1CFPX-10-05	8	-05	7.9	5/16	M16x1.5	10	59	30	33	19	40.0
1CFPX-10-06	10	-06	9.5	3/8	M16x1.5	10	60	30	35	19	40.0
1CFPX-12-06	10	-06	9.5	3/8	M18x1.5	12	60	30	35	22	35.0
1CFPX-15-08	12	-08	12.7	1/2	M22x1.5	15	74	42	42	27	31.5
1CFPX-18-10	16	-10	15.9	5/8	M26x1.5	18	84	53	52	32	31.5
1CFPX-22-12	20	-12	19.0	3/4	M30x2	22	100	65	62	36	28.0
1CFPX-28-16	25	-16	25.4	1	M36x2	28	100	65	72	41	21.0

11CPX – Metric female swivel 24° with O-ring

90° elbow – Heavy series – Metric swivel nut – ISO 12151-2

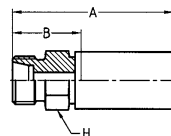


MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	E mm	J mm	Max. WP MPa
	DN	size	mm	inch	Thread size	Tube OD mm					
											
11CPX-8-03	5	-03	4.8	3/16	M16x1.5	8	48	22	28	19	63.0
11CPX-6-04	6	-04	6.4	1/4	M14x1.5	6	59	30	29	17	63.0
11CPX-10-04	6	-04	6.4	1/4	M18x1.5	10	59	30	36	22	63.0
11CPX-12-05	8	-05	7.9	5/16	M20x1.5	12	59	30	36	24	63.0
11CPX-14-06	10	-06	9.5	3/8	M22x1.5	14	60	30	36	27	63.0
11CPX-16-08	12	-08	12.7	1/2	M24x1.5	16	74	42	44	30	42.0
11CPX-20-10	16	-10	15.9	5/8	M30x2	20	84	53	61	36	42.0

1D0PX – Metric male 24°

Light series – ISO 12151-2

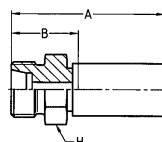


MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	H mm	Max. WP MPa
					Thread size 	Tube OD mm 				
1D0PX-6-03	5	-03	4.8	3/16	M12x1.5	6	48	23	12	25.0
1D0PX-6-04	6	-04	6.4	1/4	M12x1.5	6	51	23	14	25.0
1D0PX-8-04	6	-04	6.4	1/4	M14x1.5	8	51	23	14	42.5
1D0PX-10-05	8	-05	7.9	5/16	M16x1.5	10	54	26	17	40.0
1D0PX-12-05	8	-05	7.9	5/16	M18x1.5	12	54	26	19	35.0
1D0PX-12-06	10	-06	9.5	3/8	M18x1.5	12	56	27	19	40.0
1D0PX-15-06	10	-06	9.5	3/8	M22x1.5	15	57	28	22	31.0
1D0PX-15-08	12	-08	12.7	1/2	M22x1.5	15	59	28	22	31.0
1D0PX-18-10	16	-10	15.9	5/8	M26x1.5	18	59	28	27	28.0
1D0PX-22-12	20	-12	19.0	3/4	M30x2	22	67	32	30	28.0
1D0PX-28-16	25	-16	25.4	1	M36x2	28	67	32	36	21.0

1D2PX – Metric male 24°

Heavy series – ISO 12151-2



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

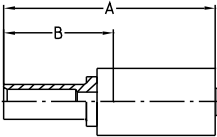
Part No. #	DN size mm inch				Connection type		A mm	B mm	H mm	Max. WP MPa
	size	mm	inch	Thread size	Tube OD mm					
										
1D2PX-8-03	5	-03	4.8	3/16	M16x1.5	8	50	25	17	63.0
1D2PX-10-04	6	-04	6.4	1/4	M18x1.5	10	55	27	19	63.0
1D2PX-12-05	8	-05	7.9	5/16	M20x1.5	12	55	27	22	63.0
1D2PX-14-06	10	-06	9.5	3/8	M22x1.5	14	59	30	22	63.0
1D2PX-16-08	12	-08	12.7	1/2	M24x1.5	16	61	30	24	42.0
1D2PX-20-10	16	-10	15.9	5/8	M30x2	20	65	34	30	42.0
1D2PX-25-12	20	-12	19.0	3/4	M36x2	25	71	36	36	42.0
1D2PX-30-16	25	-16	25.4	1	M42x2	30	73	38	46	42.0



11DPX – Metric standpipe

Light series

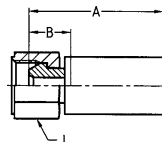
MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.



Part No. #	DN	size	mm	inch	Tube OD mm	A mm	B mm	Max. WP MPa
11DPX-6-03	5	-03	4.8	3/16	6	55	27	25.0
11DPX-8-04	6	-04	6.4	1/4	8	58	30	25.0
11DPX-10-05	8	-05	7.9	5/16	10	59	31	25.0
11DPX-10-06	10	-06	9.5	3/8	10	79	32	25.0
11DPX-12-06	10	-06	9.5	3/8	12	79	32	25.0
11DPX-15-08	12	-08	12.7	1/2	15	65	34	25.0
11DPX-18-10	16	-10	15.9	5/8	18	66	35	16.0
11DPX-22-12	20	-12	19.0	3/4	22	72	37	16.0
11DPX-28-16	25	-16	25.4	1	28	74	39	10.0

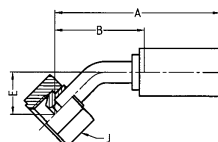
NOTE: Not recommended for new constructions. Please refer to end connections C3 or CA.

192PX – BSP female swivel 60° cone



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

Part No. #	DN	size	mm	inch	Connection type Thread size	A mm	B mm	J mm	Max. WP MPa
192PX-2-02	3	-02	3.2	1/8	G 1/8	26	11	12	55.0
192PX-4-02	3	-02	3.2	1/8	G 1/4	34	17	17	63.0
192PX-2-03	5	-03	4.8	3/16	G 1/8	41	16	17	55.0
192PX-4-03	5	-03	4.8	3/16	G 1/4	42	16	17	63.0
192PX-4-04	6	-04	6.4	1/4	G 1/4	45	17	17	63.0
192PX-6-05	8	-05	7.9	5/16	G 3/8	45	17	19	55.0
192PX-6-06	10	-06	9.5	3/8	G 3/8	48	19	22	55.0
192PX-8-06	10	-06	9.5	3/8	G 1/2	48	19	27	43.0
192PX-8-08	12	-08	12.7	1/2	G 1/2	53	21	27	43.0
192PX-12-10	16	-10	15.9	5/8	G 3/4	50	19	32	35.0
192PX-12-12	20	-12	19.0	3/4	G 3/4	56	21	32	35.0
192PX-16-12	20	-12	19.0	3/4	G 1	56	22	41	28.0
192PX-16-16	25	-16	25.4	1	G 1	57	22	41	28.0
192PX-20-16	25	-16	25.4	1	G 1 1/4	58	24	50	21.0

1B1PX – BSP female swivel 60° cone
45° elbow

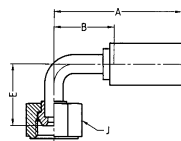
MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN	size	mm	inch	Connection type Thread size	A mm	B mm	E mm	J mm	Max. WP MPa
1B1PX-4-03	5	-03	4.8	3/16	G 1/4	58	32	17	17	63.0
1B1PX-4-04	6	-04	6.4	1/4	G 1/4	70	41	21	17	63.0
1B1PX-6-05	8	-05	7.9	5/16	G 3/8	68	39	17	22	55.0
1B1PX-6-06	10	-06	9.5	3/8	G 3/8	66	36	14	22	55.0
1B1PX-8-06	10	-06	9.5	3/8	G 1/2	67	37	15	27	43.0
1B1PX-8-08	12	-08	12.7	1/2	G 1/2	86	54	18	27	43.0
1B1PX-12-10	16	-10	15.9	5/8	G 3/4	99	68	26	32	35.0
1B1PX-12-12	20	-12	19.0	3/4	G 3/4	117	82	30	32	35.0
1B1PX-16-16	25	-16	25.4	1	G 1	120	85	43	41	28.0
1B1PX-20-16	25	-16	25.4	1	G 1 1/4	116	81	34	50	21.0



1B2PX – BSP female swivel 60° cone 90° elbow

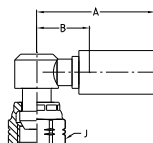
MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

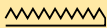


Part No. #	DN	size	mm	inch	Connection type Thread size 	A mm	B mm	E mm	J mm 	Max. WP MPa 
1B2PX-4-03	5	-03	4.8	3/16	G 1/4	48	22	24	17	63.0
1B2PX-4-04	6	-04	6.4	1/4	G 1/4	59	30	30	17	63.0
1B2PX-6-05	8	-05	7.9	5/16	G 3/8	59	30	28	22	55.0
1B2PX-6-06	10	-06	9.5	3/8	G 3/8	60	30	30	22	55.0
1B2PX-8-06	10	-06	9.5	3/8	G 1/2	60	30	31	27	43.0
1B2PX-8-08	12	-08	12.7	1/2	G 1/2	74	42	38	27	43.0
1B2PX-12-10	16	-10	15.9	5/8	G 3/4	84	53	50	32	35.0
1B2PX-12-12	20	-12	19.0	3/4	G 3/4	100	65	60	32	35.0
1B2PX-20-16	25	-16	25.4	1	G 1 1/4	100	65	70	50	21.0

1B4PX – BSP female swivel 60° cone 90° compact elbow

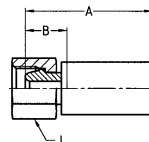
MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.



Part No. #	DN	size	mm	inch	Connection type Thread size 	A mm	B mm	J mm 	Max. WP MPa 
1B4PX-4-04	6	-04	6.4	1/4	G 1/4	45	17	17	63.0

1U0PX – BSP female swivel (ballnose)

BSP swivel nut

**MATERIAL**

Galvanised steel with transparent Cr(VI)-free plating.

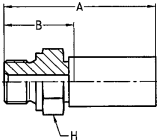
For fittings as mentioned above, but with stainless steel nipple (AISI 303), please add **C2W** to the Part No. Example: 1U0PX-4-04 **C2W**.

Other materials available on request.

Part No. #	DN size mm inch				Connection type Thread size	A mm	B mm	J mm	Max. WP MPa
									
1U0PX-4-02	3	-02	3.2	1/8	G 1/4	35	19	17	63.0
1U0PX-4-03	5	-03	4.8	3/16	G 1/4	42	16	17	63.0
1U0PX-4-04	6	-04	6.4	1/4	G 1/4	45	17	17	63.0
1U0PX-6-03	5	-03	4.8	3/16	G 3/8	43	18	19	55.0
1U0PX-6-04	6	-04	6.4	1/4	G 3/8	47	18	19	55.0
1U0PX-6-05	8	-05	7.9	5/16	G 3/8	45	17	19	55.0
1U0PX-6-06	10	-06	9.5	3/8	G 3/8	48	19	22	55.0
1U0PX-8-06	10	-06	9.5	3/8	G 1/2	48	19	27	43.0
1U0PX-8-08	12	-08	12.7	1/2	G 1/2	53	21	27	43.0
1U0PX-12-10	16	-10	15.9	5/8	G 3/4	50	19	32	35.0
1U0PX-12-12	20	-12	19.0	3/4	G 3/4	56	21	32	35.0
1U0PX-16-12	20	-12	19.0	3/4	G 1	56	22	41	25.0
1U0PX-16-16	25	-16	25.4	1	G 1	57	22	41	25.0
1U0PX-20-16	25	-16	25.4	1	G 1 1/4	58	24	50	21.0



1D9PX – BSP male
DIN 3852 Form A

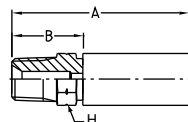


MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size mm inch				Connection type Thread size	A mm	B mm	J mm	Max. WP MPa
	DN	size	mm	inch	Thread size	A	B	J	Max. WP
1D9PX-2-02	3	-02	3.2	1/8	G 1/8	38	21	14	55.0
1D9PX-2-03	5	-03	4.8	3/16	G 1/8	48	22	14	55.0
1D9PX-4-03	5	-03	4.8	3/16	G 1/4	54	29	19	63.0
1D9PX-4-04	6	-04	6.4	1/4	G 1/4	57	29	19	63.0
1D9PX-6-05	8	-05	7.9	5/16	G 3/8	58	29	22	55.0
1D9PX-6-06	10	-06	9.5	3/8	G 3/8	60	30	22	55.0
1D9PX-8-06	10	-06	9.5	3/8	G 1/2	62	33	27	43.0
1D9PX-8-08	12	-08	12.7	1/2	G 1/2	64	33	27	43.0
1D9PX-12-10	16	-10	15.9	5/8	G 3/4	66	35	32	35.0
1D9PX-12-12	20	-12	19.0	3/4	G 3/4	72	37	32	35.0
1D9PX-16-12	20	-12	19.0	3/4	G 1	74	39	41	28.0
1D9PX-20-16	25	-16	25.4	1	G 1 1/4	76	41	50	21.0

Hose fittings

191PX – BSPT male taper pipe

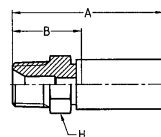


MATERIAL BF: Brass
C: Stainless steel (AISI 316 Ti)

Part No. #	DN size mm inch				Connection type		A mm	B mm	H mm	Max. WP MPa
	size	mm	inch	Thread size	Tube OD mm					
										
191PX-4-04BF	6	-04	6.4	1/4	R1/4	4	55	27	14	27
191PX-4-04C	6	-04	6.4	1/4	R1/4	4	55	27	14	43.0

NOTE: Only for CO₂ applications.

101PX – National Pipe Tapered (NPT) male

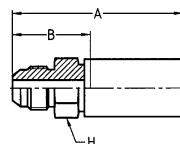


MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size mm inch				Connection type	A mm	B mm	H mm	Max. WP MPa
	DN	size	mm	inch	Thread size 				
101PX-2-03	5	-03	4.8	3/16	1/8 - 27NPTF	48	23	12	34.5
101PX-4-03	5	-03	4.8	3/16	1/4 - 18NPTF	52	27	14	34.5
101PX-4-04	6	-04	6.4	1/4	1/4 - 18NPTF	55	27	14	34.5
101PX-6-04	6	-04	6.4	1/4	3/8 - 18NPTF	57	29	19	27.5
101PX-6-05	8	-05	7.9	5/16	3/8 - 18NPTF	57	29	19	27.5
101PX-4-06	10	-06	9.5	3/8	1/4 - 18NPTF	57	28	14	34.5
101PX-6-06	10	-06	9.5	3/8	3/8 - 18NPTF	59	30	19	27.5
101PX-8-06	10	-06	9.5	3/8	1/2 - 14NPTF	64	35	22	24.0
101PX-6-08	12	-08	12.7	1/2	3/8 - 18NPTF	61	30	19	27.5
101PX-8-08	12	-08	12.7	1/2	1/2 - 14NPTF	66	35	22	24.0
101PX-12-10	16	-10	15.9	5/8	3/4 - 14NPTF	66	35	27	21.0
101PX-12-12	20	-12	19.0	3/4	3/4 - 14NPTF	70	35	27	21.0
101PX-16-16	25	-16	25.4	1	1 - 11 1/2NPTF	77	42	36	17.0



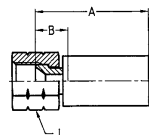
103PX – SAE (JIC) 37° male



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

Part No. #	DN	size	mm	inch	Connection type Thread size	A mm	B mm	H mm	Max. WP MPa
103PX-4-03	5	-03	4.8	3/16	7/16 - 20UNF	52	27	14	41.0
103PX-5-04	6	-04	6.4	1/4	1/2 - 20UNF	57	29	14	41.0
103PX-6-04	6	-04	6.4	1/4	9/16 - 18UNF	57	29	17	34.5
103PX-6-05	8	-05	7.9	5/16	9/16 - 18UNF	57	29	17	34.5
103PX-8-06	10	-06	9.5	3/8	3/4 - 16UNF	62	33	22	34.5
103PX-10-08	12	-08	12.7	1/2	7/8 - 14UNF	70	38	24	34.5
103PX-12-10	16	-10	15.9	5/8	1 1/16 - 12UNF	71	40	30	34.5
103PX-16-12	20	-12	19.0	3/4	1 5/16 - 12UNF	76	41	36	27.5
103PX-20-16	25	-16	25.4	1	1 5/8 - 12UNF	78	43	46	20.0

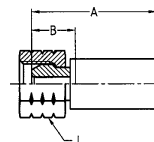
106PX – SAE (JIC) 37° female swivel UNF swivel nut



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

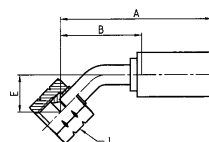
Part No. #	DN	size	mm	inch	Connection type Thread size	A mm	B mm	J mm	Max. WP MPa
106PX-4-02	3	-02	3.2	1/8	7/16 - 20UNF	29	13	17	41.0
106PX-4-03	5	-03	4.8	3/16	7/16 - 20UNF	40	15	17	41.0
106PX-4-04	6	-04	6.4	1/4	7/16 - 20UNF	43	15	17	41.0
106PX-5-04	6	-04	6.4	1/4	1/2 - 20UNF	43	15	19	41.0
106PX-6-04	6	-04	6.4	1/4	9/16 - 18UNF	45	17	19	34.5
106PX-6-05	8	-05	7.9	5/16	9/16 - 18UNF	45	17	19	34.5
106PX-6-06	10	-06	9.5	3/8	9/16 - 18UNF	47	18	19	34.5
106PX-8-06	10	-06	9.5	3/8	3/4 - 16UNF	48	19	24	34.5
106PX-10-08	12	-08	12.7	1/2	7/8 - 14UNF	49	18	27	34.5
106PX-12-10	16	-10	15.9	5/8	1 1/16 - 12UNF	50	19	32	34.5
106PX-16-12	20	-12	19.0	3/4	1 5/16 - 12UNF	56	22	41	27.5
106PX-20-16	25	-16	25.4	1	1 5/8 - 12UNF	56	22	50	20.0

107PX – NPSM female swivel



MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
For fittings as mentioned above, but with stainless steel nipple (AISI 303), please add **C2W** to the Part No. Example: 107PX-4-04 **C2W**.
Other materials available on request.

Part No. #	DN size mm inch				Connection type Thread size	A mm	B mm	J mm	Max. WP MPa
107PX-4-02	3	-02	3.2	1/8	1/4 - 18NPSM	36	20	17	34.5
107PX-4-03	5	-03	4.8	3/16	1/4 - 18NPSM	44	19	17	34.5
107PX-2-03	5	-03	4.8	3/16	1/8 - 27NPSM	47	21	17	34.5
107PX-4-04	6	-04	6.4	1/4	1/4 - 18NPSM	47	19	19	34.5
107PX-6-05	8	-05	7.9	5/16	3/8 - 18NPSM	48	20	22	27.5
107PX-6-06	10	-06	9.5	3/8	3/8 - 18NPSM	50	21	22	27.5
107PX-8-08	12	-08	12.7	1/2	1/2 - 14NPSM	50	19	27	24.0
107PX-12-10	16	-10	15.9	5/8	3/4 - 14NPSM	53	22	32	21.0
107PX-12-12	20	-12	19.0	3/4	3/4 - 14NPSM	59	24	32	21.0

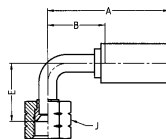
137PX – SAE (JIC) 37° female swivel
45° elbow – UNF swivel nut

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

Part No. #	DN size mm inch				Connection type Thread size	A mm	B mm	E mm	J mm	Max. WP MPa
137PX-4-03	5	-03	4.8	3/16	7/16 - 20UNF	57	31	16	17	41.0
137PX-5-04	6	-04	6.4	1/4	1/2 - 20UNF	70	41	21	19	41.0
137PX-6-05	8	-05	7.9	5/16	9/16 - 18UNF	67	38	16	19	34.5
137PX-8-06	10	-06	9.5	3/8	3/4 - 16UNF	67	37	15	24	34.5
137PX-10-08	12	-08	12.7	1/2	7/8 - 14UNF	81	49	19	27	34.5
137PX-12-10	16	-10	15.9	5/8	1 1/16 - 12UNF	96	65	27	32	34.5
137PX-16-12	20	-12	19.0	3/4	1 5/16 - 12UNF	114	79	32	41	27.5
137PX-20-16	25	-16	25.4	1	1 5/8 - 12UNF	113	78	36	50	20.0



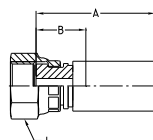
139PX – SAE (JIC) 37° female swivel 90° elbow – UNF swivel nut



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

Part No. #	DN size mm inch				Connection type Thread size	A mm	B mm	E mm	J mm	Max. WP MPa
139PX-4-03	5	-03	4.8	3/16	7/16 - 20 UNF	48	22	24	17	41.0
139PX-5-04	6	-04	6.4	1/4	1/2 - 20 UNF	59	30	31	19	41.0
139PX-6-05	8	-05	7.9	5/16	9/16 - 18 UNF	59	30	28	19	34.5
139PX-8-06	10	-06	9.5	3/8	3/4 - 16 UNF	60	30	31	24	34.5
139PX-10-08	12	-08	12.7	1/2	7/8 - 14 UNF	74	42	39	27	34.5
139PX-12-10	16	-10	15.9	5/8	1 1/16 - 12 UNF	84	53	52	32	34.5
139PX-16-12	20	-12	19.0	3/4	1 5/16 - 12 UNF	100	65	62	41	27.5
139PX-20-16	25	-16	25.4	1	1 5/8 - 12 UNF	100	65	73	50	20.0

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

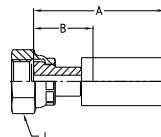


MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	J mm	Max. WP MPa
					Thread size	Tube OD inch				
1JCPX-4-03	5	-03	4.8	3/16	9/16 - 18 UNF	1/4	41	16	17	41.0
1JCPX-4-04	6	-04	6.4	1/4	9/16 - 18 UNF	1/4	44	16	17	41.0
1JCPX-6-06	10	-06	9.5	3/8	11/16 - 16 UNF	3/8	47	18	22	41.0
1JCPX-8-06	10	-06	9.5	3/8	13/16 - 16 UNF	1/2	49	19	24	41.0
1JCPX-8-08	12	-08	12.7	1/2	13/16 - 16 UNF	1/2	51	19	24	41.0
1JCPX-12-12	20	-12	19.0	3/4	1 3/16 - 12 UNF	3/4	59	24	36	41.0

1JSPX – O-Lok® ORFS swivel nut

Long version – UNF swivel nut – ISO 12151-1

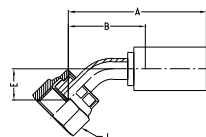


MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	J mm	Max. WP MPa
	DN	size	mm	inch	Thread size	Tube OD inch				
1JSPX-8-06	10	-06	9.5	3/8	13/16 - 16 UNF	1/2	52	22	24	41.0

1J7PX – O-Lok® ORFS swivel nut

45° elbow – UNF swivel nut – ISO 12151-1



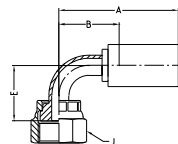
MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	E mm	J mm	Max. WP MPa
	DN	size	mm	inch	Thread size	Tube OD inch					
1J7PX-4-04	6	-04	6.4	1/4	9/16 - 18 UNF	1/4	64	35	15	17	41.0
1J7PX-6-06	10	-06	9.5	3/8	11/16 - 16 UNF	3/8	67	37	17	22	41.0
1J7PX-8-08	12	-08	12.7	1/2	13/16 - 16 UNF	1/2	74	42	17	24	41.0

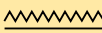


1J9PX – O-Lok® ORFS swivel nut

90° elbow – UNF swivel nut – ISO 12151-1

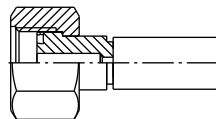


MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	E mm	J mm	Max. WP MPa
	DN	size	mm	inch	Thread size	Tube OD inch					
											
1J9PX-4-03	5	-03	4.8	3/16	9/16 - 18 UNF	1/4	48	22	23	17	41.0
1J9PX-4-04	6	-04	6.4	1/4	9/16 - 18 UNF	1/4	59	30	29	17	41.0
1J9PX-6-04	6	-04	6.4	1/4	11/16 - 16 UNF	3/8	59	30	29	22	41.0
1J9PX-6-06	10	-06	9.5	3/8	11/16 - 16 UNF	3/8	60	30	27	22	41.0
1J9PX-8-06	10	-06	9.5	3/8	13/16 - 16 UNF	1/2	60	30	27	24	41.0
1J9PX-8-08	12	-08	12.7	1/2	13/16 - 16 UNF	1/2	74	42	32	24	41.0

1GAPX – Female gas joint

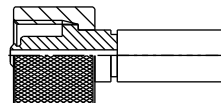
according to NEN 176



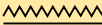
MATERIAL BF: Brass
C: Stainless steel (AISI 316 Ti)

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 mm				
										
1GAPX-8-04BF	6	-04	6.4	1/4	W21.8 x 1/14	8	57	28	30	27
1GAPX-8-04C	6	-04	6.4	1/4	W21.8 x 1/14	8	57	28	30	27
1GAPX-12-04BF	6	-04	6.4	1/4	W24.32 x 1/14	12	57	28	32	27
1GAPX-12-04C	6	-04	6.4	1/4	W24.32 x 1/14	12	57	28	32	27

NOTE: Only for CO₂ applications.

1GAPX – Female gas joint
according to ISO/NFE 29650

MATERIAL BF2: Brass
CS: Stainless steel (AISI 316 Ti)

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 mm 				
1GAPX-8-04BF2	6	-04	6.4	1/4	21.7 x 1.814	8	66	38	30	27
1GAPX-8-04CS	6	-04	6.4	1/4	21.7 x 1.814	8	66	38	30	43

NOTE: Only for CO₂ applications.