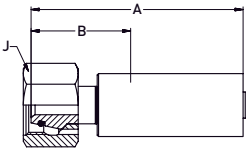
1C9KX – Metric female swivel heavy series with O-ring

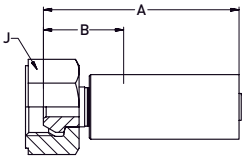


MATERIAL Special materials

#	O					A	B	J		
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1C9KX-14-06W	10	-06	9.5	3/8	M22x1.5	79	37	27	86	12,470
1C9KX-16-08W	12	-08	12.7	1/2	M24x1.5	88	41	30	88	12,760

Fittings for water jetting applications

192KX – BSP female swivel (60° cone)

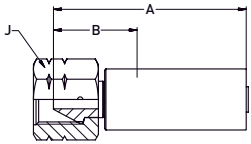


MATERIAL Special materials

#	O					A	B	J		
	DN	size	mm	inch		mm	mm	mm	MPa	psi
192KX-6-06W	10	-06	9.5	3/8	G3/8	72	29	22	86	12,470
192KX-8-08W	12	-08	12.7	1/2	G1/2	81	33	27	88	12,760

Fittings for water jetting applications

6AY8X / 1AYKX – Type “M” female swivel

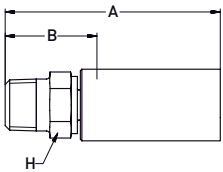


MATERIAL Special materials

#						A	B	J		
	DN	size	mm	inch		mm	mm	mm	MPa	psi
6AY8X-6-2AC	4	-025	4	5/32	9/16 - 18	59	31	17	120	17,400
1AYKX-8-06W	10	-06	9.5	3/8	3/4 - 16UNF	74	32	27	86	12,470
1AYKX-11-08W	12	-08	12.7	1/2	1 - 12UNF	82	34	32	88	12,760

Fittings for water jetting applications

6018X – NPT male

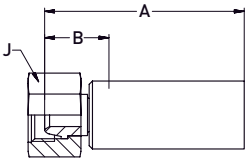


MATERIAL Special materials

#						A	B	H		
	DN	size	mm	inch		mm	mm	mm	MPa	psi
6018X-2-2A	4	-025	4	5/32	1/8 NPT	57	19	16	103	15,000
6018X-2-2AC	4	-025	4	5/32	1/8 NPT	55	46	13	103	15,000
6018X-4-2AC	4	-025	4	5/32	1/4 NPT	62	34	16	103	15,000

Fittings for water jetting applications

1C38X – Metric female swivel light series

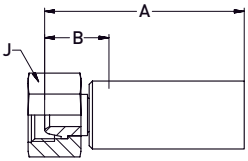


MATERIAL Carbon steel, zinc plated

#						A	B	J		
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1C38X-10-06	10	-06	9.5	3/8	M16x1.5	49	20	22	53.5	7,755
1C38X-12-06	10	-06	9.5	3/8	M18x1.5	48	19	22	53.5	7,755
1C38X-12-08	12	-08	12.7	1/2	M18x1.5	52	20	24	55.0	7,975
1C38X-15-08	12	-08	12.7	1/2	M22x1.5	51	20	27	55.0	7,975

Fittings for hydraulic applications

1C38X – Metric female swivel light series
With stainless steel nipple

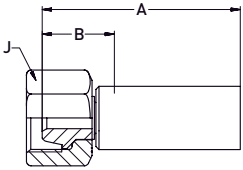


MATERIAL Carbon steel, zinc plated (shell and nut)
stainless steel nipple (material 1.4301)

#						A	B	H		
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1C38X-10-06C2W	10	-06	9.5	3/8	M16x1.5	49	20	22	53.5	7,755
1C38X-12-06C2W	10	-06	9.5	3/8	M18x1.5	48	19	22	53.5	7,755
1C38X-12-08C2W	12	-08	12.7	1/2	M18x1.5	52	20	24	55.0	7,975
1C38X-15-08C2W	12	-08	12.7	1/2	M22x1.5	51	20	27	55.0	7,975

Fittings for hydraulic applications

1C68X – Metric female swivel heavy series



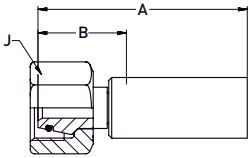
MATERIAL Carbon steel, zinc plated

#						A	B	J		
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1C68X-14-06	10	-06	9.5	3/8	M22x1.5	64	24	27	53.5	7,755
1C68X-16-08	12	-08	12.7	1/2	M24x1.5	67	24	30	55.0	7,975

Fittings for hydraulic applications

1C98X / 1C9NX – Metric female swivel heavy series with O-ring

ISO 12151-2



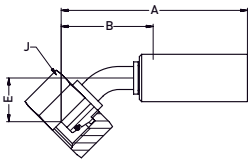
MATERIAL Carbon steel, zinc plated

#						A	B	J		
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1C98X-8-025	4	-025	4	5/32	M16x1.5	54	27	19	75.0	10,875
1C98X-12-06	10	-06	9.5	3/8	M20x1.5	70	30	24	53.5	7,755
1C98X-14-06	10	-06	9.5	3/8	M22x1.5	71	30	27	53.5	7,755
1C98X-16-08	12	-08	12.7	1/2	M24x1.5	78	35	30	55.0	7,974
1C9NX-38-20	32	-20	31.8	1 1/4	M52x2	113	52	60	44.0	6,380

Fittings for hydraulic applications

10C8X – Metric female swivel heavy series with O-ring, 45° elbow

ISO 12151-2



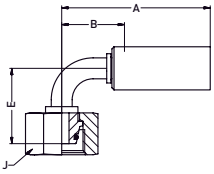
MATERIAL Carbon steel, zinc plated

#						A	B	E	J		
	DN	size	mm	inch		mm	mm	mm	mm	MPa	psi
10C8X-12-06	10	-06	9.5	3/8	M20x1.5	81	40	19	24	53.5	7,755
10C8X-14-06	10	-06	9.5	3/8	M22x1.5	81	40	19	27	53.5	7,755
10C8X-16-08	12	-08	12.7	1/2	M24x1.5	96	53	23	30	55.0	7,975

Fittings for hydraulic applications

11C8X – Metric female swivel heavy series with O-ring, 90° elbow

ISO 12151-2

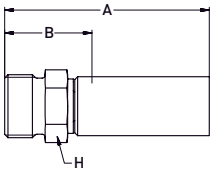


MATERIAL Carbon steel, zinc plated

#						A	B	E	J		
	DN	size	mm	inch		mm	mm	mm	mm	MPa	psi
11C8X-14-06	10	-06	9.5	3/8	M22x1.5	71	30	36	27	53.5	7,755
11C8X-16-08	12	-08	12.7	1/2	M24x1.5	85	42	44	30	55.0	7,975

Fittings for hydraulic applications

1D28X – Metric male heavy series
ISO 12151-2

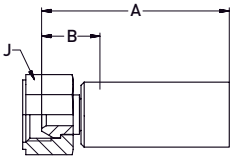


MATERIAL Carbon steel, zinc plated

#						A	B	H		
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1D28X-14-06	10	-06	9.5	3/8	M22x1.5	71	31	22	53.5	7,755
1D28X-16-08	12	-08	12.7	1/2	M24x1.5	74	31	24	55.0	7,975

Fittings for hydraulic applications

1928X – BSP female swivel (60° cone)

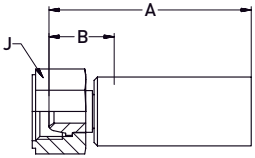


MATERIAL Carbon steel, zinc plated

#						A	B	J		
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1928X-4-025	4	-025	4	5/32	G 1/4	48	20	19	75.0	10,875
1928X-6-06	10	-06	9.5	3/8	G 3/8	59	19	22	53.5	7,755
1928X-8-06	10	-06	9.5	3/8	G 1/2	60	20	27	53.5	7,755
1928X-8-08	12	-08	12.7	1/2	G 1/2	63	20	27	55.0	7,975

Fittings for hydraulic applications

1U08X – BSP female swivel (ballnose)

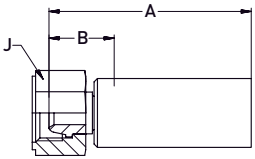


MATERIAL Carbon steel, zinc plated

#						A	B	J		
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1U08X-6-06	10	-06	9.5	3/8	G 3/8	61	20	22	53.5	7,755
1U08X-8-06	10	-06	9.5	3/8	G 1/2	61	20	27	53.5	7,755
1U08X-8-08	12	-08	12.7	1/2	G1/2	61	22	27	55.0	7,975

Fittings for hydraulic applications

1U08X – BSP female swivel (ballnose)
With stainless steel nipple

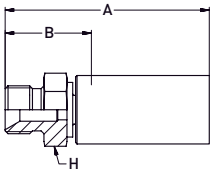


MATERIAL Carbon steel, zinc plated (shell and nut)
stainless steel nipple (material 1.4301)

#						A	B	J		
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1U08X-6-06C2W	10	-06	9.5	3/8	G 3/8	61	20	22	53.5	7,755
1U08X-8-06C2W	10	-06	9.5	3/8	G 1/2	61	20	27	53.5	7,755
1U08X-8-08C2W	12	-08	12.7	1/2	G1/2	61	22	27	55.0	7,975

Fittings for hydraulic applications

13B8X / 13BNX – BSP male

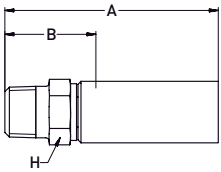


MATERIAL Carbon steel, zinc plated

#						A	B	H		
	DN	size	mm	inch		mm	mm	mm	MPa	psi
13B8X-4-025	4	-025	4	5/32	G 1/4	57	30	17	75.0	10,875
13B8X-6-06	10	-06	9.5	3/8	G 3/8	71	30	22	53.5	7,755
13B8X-8-06	10	-06	9.5	3/8	G 1/2	76	35	22	53.5	7,755
13B8X-8-08	12	-08	12.7	1/2	G 1/2	79	35	24	55.0	7,974
13BNX-24-20	32	-20	31.8	1 1/4	G 1 1/2	118	57	55	44.0	6,380

Fittings for hydraulic applications

1018X – NPT male

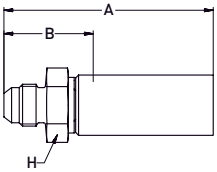


MATERIAL Carbon steel, zinc plated

#						A	B	H		
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1018X-2-025	4	-025	4	5/32	1/8 - 27NPTF	51	24	8	75.0	10,875
1018X-4-025	4	-025	4	5/32	1/4 - 18NPTF	59	32	13	75.0	10,875
1018X-6-06	10	-06	9.5	3/8	3/8 - 18NPTF	71	31	19	53.5	7,755
1018X-8-06	10	-06	9.5	3/8	1/2 - 14NPTF	76	36	22	53.5	7,755
1018X-8-08	12	-08	12.7	1/2	1/2 - 14NPTF	79	37	22	55.0	7,975

Fittings for hydraulic applications

1038X / 103NX – JIC male

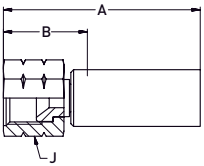


MATERIAL Carbon steel, zinc plated

#						A	B	H		
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1038X-8-06	10	-06	9.5	3/8	3/4 - 16UNF	74	34	22	53.5	7,755
1038X-10-08	12	-08	12.7	1/2	7/8 - 14UNF	83	40	24	55.0	7,974
103NX-24-20	32	-20	31.8	1 1/4	1 7/8 - 12UNF	110	49	50	44.0	6,380

Fittings for hydraulic applications

1068X / 6068X / 106NX – JIC female swivel

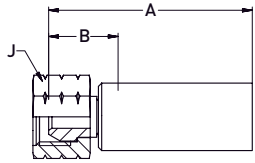


MATERIAL Carbon steel, zinc plated

#						A	B	J		
	DN	size	mm	inch		mm	mm	mm	MPa	psi
6068X-4-2AC	4	-025	4	5/32	7/16 - 20 UNF	55	27	14	69	10,000
1068X-6-06	10	-06	9.5	3/8	9/16 - 18 UNF	59	18	22	69	10,000
1068X-8-06	10	-06	9.5	3/8	3/4 - 16 UNF	59	19	24	69	10,000
6068X-8-8C	12	-08	12.8	1/2	3/4 - 16 UNF	79	33	22	69	10,000
1068X-8-08	12	-08	12.7	1/2	3/4 - 16 UNF	64	21	27	69	10,000
1068X-10-08	12	-08	12.7	1/2	7/8 - 14 UNF	62	19	27	69	10,000
106NX-20-20	32	-20	31.8	1 1/4	1 5/8 - 12 UNF	104	44	50	44	6,380

Fittings for hydraulic applications

1078X – NPSM female swivel

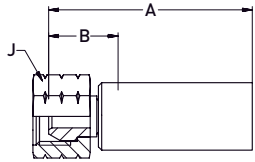


MATERIAL Carbon steel, zinc plated

#						A	B	J		
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1078X-6-06	10	-06	9.5	3/8	3/8 - 18NPSM	50	21	22	53.5	7,755
1078X-8-08	12	-08	12.7	1/2	1/2 - 14NPSM	50	19	27	55.0	7,975

Fittings for hydraulic applications

1078X – NPSM female swivel
With stainless steel nipple

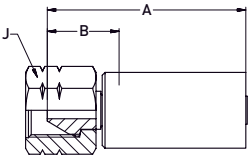


MATERIAL Carbon steel, zinc plated
stainless steel nipple (material 1.4301)

#						A	B	J		
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1078X-6-06C2W	10	-06	9.5	3/8	3/8 - 18NPSM	50	21	22	53.5	7,755
1078X-8-08C2W	12	-08	12.7	1/2	1/2 - 14NPSM	50	19	27	55.0	7,975

Fittings for hydraulic applications

1AY8X – Type “M” female swivel

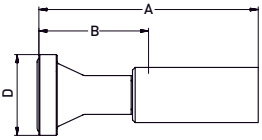


MATERIAL Carbon steel, zinc plated

#	DN	size	mm	inch		A mm	B mm	J mm	MPa	psi
1AY8X-6-025	4	-025	4	5/32	9/16 - 18 UNF	56	28	19	75	10,870

Fittings for hydraulic applications

1158X / 115NX – SAE code 61 flange
ISO 12151-3

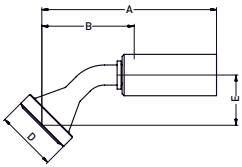


MATERIAL Carbon steel, zinc plated

#	DN	size	mm	inch	A mm	B mm	D mm	MPa	psi
1158X-8-08	12	-08	12.7	1/2	87	44	30	21	3,000
115NX-20-20	32	-20	31.8	1 1/4	117	56	51	21	3,000

Fittings for hydraulic applications

1178X / 117NX – SAE code 61 flange 45° elbow
ISO 12151-3

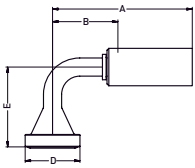


MATERIAL Carbon steel, zinc plated

#					A	B	D	E		
	DN	size	mm	inch	mm	mm	mm	mm	MPa	psi
1178X-8-08	12	-08	12.7	1/2	95	53	30	20	55.0	7,974
117NX-20-20	32	-20	31.8	1 1/4	174	113	51	37	44.0	6,380

Fittings for hydraulic applications

1198X / 119NX – SAE code 61 flange 90° elbow
ISO 12151-3



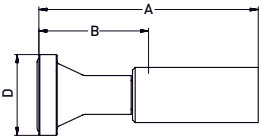
MATERIAL Carbon steel, zinc plated

#					A	B	D	E		
	DN	size	mm	inch	mm	mm	mm	mm	MPa	psi
1198X-8-08	12	-08	12.7	1/2	78	35	30	44	55.0	7,974
119NX-20-20	32	-20	31.8	1 1/4	165	104	51	82	44.0	6,380

Fittings for hydraulic applications

16A8X / 16ANX – SAE code 62 flange

ISO 12151-3



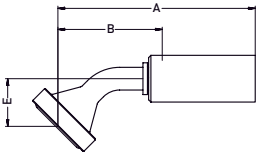
MATERIAL Carbon steel, zinc plated

#					A	B	D		
	DN	size	mm	inch	mm	mm	mm	MPa	psi
16A8X-8-08	12	-08	12.7	1/2	88	45	32	55.0	7,974
16ANX-20-20	32	-20	31.8	1 1/4	126	65	54	44.0	6,380

Fittings for hydraulic applications

16F8X / 16FNX – SAE code 62 flange 45° elbow

ISO 12151-3

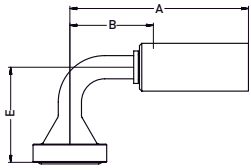


MATERIAL Carbon steel, zinc plated

#					A	B	D	E		
	DN	size	mm	inch	mm	mm	mm	mm	MPa	psi
16F8X-8-08	12	-08	12.7	1/2	95	52	32	21	55.0	7,974
16FNX-20-20	32	-20	31.8	1 1/4	180	119	54	44	44.0	6,380

Fittings for hydraulic applications

16N8X / 16NNX – SAE code 62 flange 90° elbow



ISO 12151-3

MATERIAL Carbon steel, zinc plated

#					A	B	D	E		
	DN	size	mm	inch	mm	mm	mm	mm	MPa	psi
16N8X-8-08	12	-08	12.7	1/2	87	44	31	41	55.0	7,974
16NNX-20-20	32	-20	31.8	1 1/4	165	104	54	91	44.0	6,380

Fittings for hydraulic applications