

2244N – High pressure hose









CONSTRUCTION

Core tube : Polyamide
 Pressure reinforcement : Two spiral layers, one braided layer of high tensile steel wire
 Cover : Polyurethane, DN32: Polyamide
 Standard colour : Black

TEMPERATURE RANGE

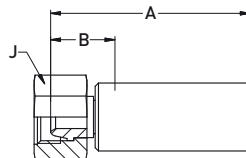
-40°C up to +100°C

Design Factor 4:1




#											
	DN	size	mm	inch	mm	MPa	psi	MPa	psi	mm	kg/m
2244N-025V00	4	-025	3.9	5/32	9.6	75.0	10,875	300	43,500	55	0.19
2244N-06V00	10	-06	9.8	3/8	18.0	53.5	7,755	215	31,175	120	0.50
2244N-08V10	12	-08	12.9	1/2	22.7	55.0	7,975	220	31,900	150	0.80
2244N-20V30	32	-20	31.8	1 1/4	44.0	27.5	3,990	110	15,950	400	1.83

NOTES –

1C38X – Metric female swivel light series

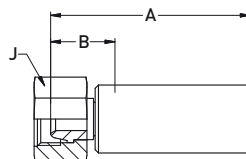


MATERIAL Carbon steel, zinc plated




#	⊙					A	B				Nipple ID	Ferrule OD
	DN	size	mm	inch		mm	mm		MPa	psi	mm	mm
1C38X-8-06	10	-06	9.5	3/8	M14x1.5	61	21	19	42.0	6,090	6.8	23.8
1C38X-10-06	10	-06	9.5	3/8	M16x1.5	49	20	22	57.5	8,340	6.8	23.8
1C38X-12-06	10	-06	9.5	3/8	M18x1.5	48	19	22	57.5	8,340	6.8	23.8
1C38X-12-08	12	-08	12.7	1/2	M18x1.5	52	20	24	55.0	7,975	8.8	29.5
1C38X-15-08	12	-08	12.7	1/2	M22x1.5	51	20	27	55.0	7,975	8.8	29.5

1C38X – Metric female swivel light series

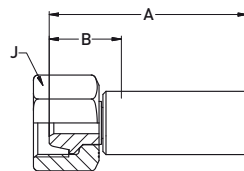
With stainless steel nipple







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

#	⊙					A	B				Nipple ID	Ferrule OD
	DN	size	mm	inch		mm	mm		MPa	psi	mm	mm
1C38X-10-06C2W	10	-06	9.5	3/8	M16x1.5	49	20	22	57.5	8,340	6.8	23.8
1C38X-12-06C2W	10	-06	9.5	3/8	M18x1.5	48	19	22	57.5	8,340	6.8	23.8
1C38X-12-08C2W	12	-08	12.7	1/2	M18x1.5	52	20	24	55.0	7,975	8.8	29.5
1C38X-15-08C2W	12	-08	12.7	1/2	M22x1.5	51	20	27	55.0	7,975	8.8	29.5

1C68X – Metric female swivel heavy series



MATERIAL Carbon steel, zinc plated

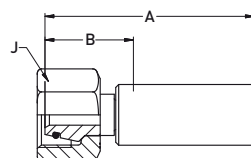
#						A	B			Nipple ID	Ferrule OD	
	DN	size	mm	inch		mm	mm	mm	MPa	psi	mm	mm
1C68X-14-06	10	-06	9.5	3/8	M22x1.5	64	24	27	63.0	9,135	6.8	23.8
1C68X-16-08	12	-08	12.7	1/2	M24x1.5	67	24	30	55.0	7,975	8.8	29.5





Design Factor 4:1

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

ISO 12151-2

MATERIAL Carbon steel, zinc plated



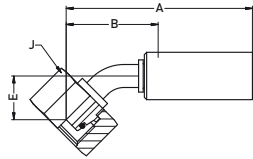
#						A	B				Nipple ID	Ferrule OD
	DN	size	mm	inch		mm	mm	mm	MPa	psi	mm	mm
1C98X-8-025	4	-025	4	5/32	M16x1.5	54	27	19	75.0	10,875	2.3	13.2
1C98X-12-06	10	-06	9.5	3/8	M20x1.5	70	30	24	63.0	9,135	6.8	23.8
1C98X-14-06	10	-06	9.5	3/8	M22x1.5	71	30	27	63.0	9,135	6.8	23.8
1C98X-16-08	12	-08	12.7	1/2	M24x1.5	78	35	30	63.0	9,135	8.8	29.5
1C9NX-38-20	32	-20	31.8	1 1/4	M52x2	113	52	60	44.0	6,380	25.3	50.0





Hoses with design factor 4:1
10C8X – 11C8X

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

ISO 12151-2

MATERIAL Carbon steel, zinc plated

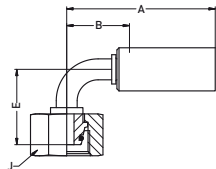






#						A	B	E			Nipple ID	Ferrule OD	
	DN	size	mm	inch		mm	mm	mm	mm	MPa	psi	mm	mm
10C8X-12-06	10	-06	9.5	3/8	M20x1.5	81	40	19	24	63.0	9,135	6.8	23.8
10C8X-14-06	10	-06	9.5	3/8	M22x1.5	81	40	19	27	63.0	9,135	6.8	23.8
10C8X-16-08	12	-08	12.7	1/2	M24x1.5	96	53	23	30	63.0	9,135	8.8	29.5

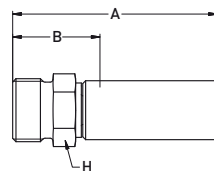
11C8X – Metric female swivel heavy series
with O-ring, 90° elbow





ISO 12151-2

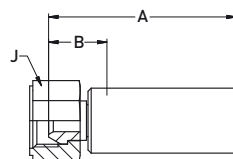
MATERIAL Carbon steel, zinc plated







#						A	B	E				Nipple ID	Ferrule OD
	DN	size	mm	inch		mm	mm	mm		mm	MPa	psi	mm
11C8X-14-06	10	-06	9.5	3/8	M22x1.5	71	30	36	27	63.0	9,135	6.8	23.8
11C8X-16-08	12	-08	12.7	1/2	M24x1.5	85	42	44	30	63.0	9,135	8.8	29.5

1D28X – Metric male heavy series
ISO 12151-2**MATERIAL** Carbon steel, zinc plated

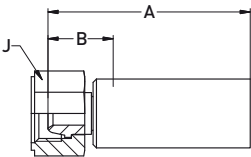
#						A	B				Nipple ID	Ferrule OD
	DN	size	mm	inch		mm	mm	mm	MPa	psi	mm	mm
1D28X-12-06	10	-06	9.5	3/8	M20x1.5	69	29	22	63.0	9,135	6.8	23.8
1D28X-14-06	10	-06	9.5	3/8	M22x1.5	71	31	22	63.0	9,135	6.8	23.8
1D28X-16-08	12	-08	12.7	1/2	M24x1.5	74	31	24	63.0	9,135	8.8	29.5
1D2NX-38-20	32	-20	31.8	1 1/4	M52x1.5	106	34	55	44.0	6,380	25.3	50.0

1928X – BSP female swivel (60° cone)**MATERIAL** Carbon steel, zinc plated

#						A	B				Nipple ID	Ferrule OD
	DN	size	mm	inch		mm	mm	mm	MPa	psi	mm	mm
1928X-4-025	4	-025	4.0	5/32	G 1/4	48	20	19	75.0	10,875	2.3	13.2
1928X-6-06	10	-06	9.5	3/8	G 3/8	59	19	22	57.5	8,340	6.8	23.8
1928X-8-06	10	-06	9.5	3/8	G 1/2	60	20	27	57.5	8,340	6.8	23.8
1928X-8-08	12	-08	12.7	1/2	G 1/2	63	20	27	55.0	7,975	8.8	29.5

Hoses with design factor 4:1
1U08X

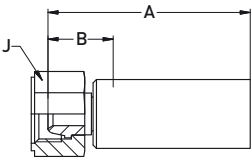
1U08X – BSP female swivel (ballnose)



MATERIAL Carbon steel, zinc plated

#	⊙					A	B				Nipple ID	Ferrule OD
	DN	size	mm	inch		mm	mm		MPa	psi	mm	mm
1U08X-6-06	10	-06	9.5	3/8	G 3/8	61	20	22	57.5	8,340	6.8	23.8
1U08X-8-06	10	-06	9.5	3/8	G 1/2	61	20	27	53.5	7,755	6.8	23.8
1U08X-8-08	12	-08	12.7	1/2	G1/2	61	22	27	55.0	7,975	6.8	23.8
1U0NX-24-20	32	-20	31.8	1 1/4	G 1 1/2	91	30	55	27.5	3,988	25.3	50.0

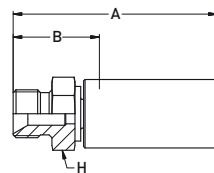
1U08X – BSP female swivel (ballnose)
With stainless steel nipple



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

#	⊙					A	B				Nipple ID	Ferrule OD
	DN	size	mm	inch		mm	mm		MPa	psi	mm	mm
1U08X-6-06C2W	10	-06	9.5	3/8	G 3/8	61	20	22	57.5	8,340	6.8	23.8
1U08X-8-06C2W	10	-06	9.5	3/8	G 1/2	61	20	27	53.5	7,755	6.8	23.8
1U08X-8-08C2W	12	-08	12.7	1/2	G1/2	61	22	27	55.0	7,975	8.8	29.5

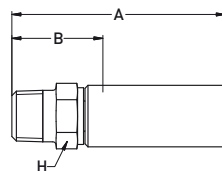
13B8X / 13BNX – BSP male



MATERIAL Carbon steel, zinc plated

#						A	B				Nipple ID	Ferrule OD
	DN	size	mm	inch		mm	mm	mm	MPa	psi	mm	mm
13B8X-4-025	4	-025	4.0	5/32	G 1/4	57	30	17	75.0	10,875	2.3	13.2
13B8X-6-06	10	-06	9.5	3/8	G 3/8	71	30	22	57.5	8,340	6.8	23.8
13B8X-8-06	10	-06	9.5	3/8	G 1/2	76	35	22	57.5	8,340	6.8	23.8
13B8X-8-08	12	-08	12.7	1/2	G 1/2	79	35	24	55.0	7,974	8.8	29.5
13BNX-24-20	32	-20	31.8	1 1/4	G 1 1/2	118	57	55	44.0	6,380	25.3	50.0

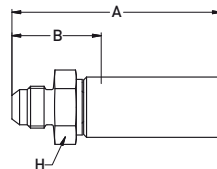
1018X – NPT male



MATERIAL Carbon steel, zinc plated

#						A	B				Nipple ID	Ferrule OD
	DN	size	mm	inch		mm	mm	mm	MPa	psi	mm	mm
1018X-2-025	4	-025	4.0	5/32	1/8 NPT	51	24	8	75.0	10,875	2.3	13.2
1018X-4-025	4	-025	4.0	5/32	1/4 NPT	59	32	13	75.0	10,875	2.3	13.2
1018X-6-06	10	-06	9.5	3/8	3/8 NPT	71	31	19	103.4	15,000	6.8	23.8
1018X-8-06	10	-06	9.5	3/8	1/2 NPT	76	36	22	103.4	15,000	6.8	23.8
1018X-8-08	12	-08	12.7	1/2	1/2 NPT	79	37	22	103.4	15 000	8.8	29.5

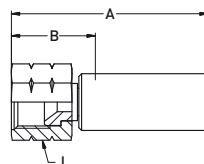
1038X / 103NX – JIC male



MATERIAL Carbon steel, zinc plated

#						A	B				Nipple ID	Ferrule OD
	DN	size	mm	inch		mm	mm		MPa	psi	mm	mm
1038X-6-06	10	-06	9.5	3/8	9/16 - 18UNF	70	30	22	53.5	7,755	6.8	23.8
1038X-8-06	10	-06	9.5	3/8	3/4 - 16UNF	74	34	22	69.0	10,000	6.8	23.8
1038X-8-08	12	-08	12.7	1/2	3/4 - 16UNF	77	35	22	69.0	10,000	8.8	29.5
1038X-10-08	12	-08	12.7	1/2	7/8 - 14UNF	83	40	24	55.0	7,974	8.8	29.5
103NX-24-20	32	-20	31.8	1 1/4	1 7/8 - 12UNF	110	49	50	44.0	6,380	25.3	50.0

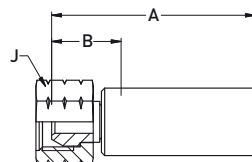
1068X / 106NX – JIC female swivel







MATERIAL Carbon steel, zinc plated, C: Stainless steel

#						A	B				Nipple ID	Ferrule OD
	DN	size	mm	inch		mm	mm		MPa	psi	mm	mm
1068X-4-025	4	-025	4.0	5/32	7/16 - 20 UNF	55	27	14	69	10,000	2.3	13.2
1068X-6-025	4	-025	4.0	5/32	9/16 - 18 UNF	51	24	19	75	10,875	2.3	13.2
1068X-6-06	10	-06	9.5	3/8	9/16 - 18 UNF	59	18	22	69	10,000	6.8	23.8
1068X-6-06C	10	-06	9.5	3/8	9/16 - 18 UNF	59	18	22	69	10,000	6.8	23.8
1068X-8-06	10	-06	9.5	3/8	3/4 - 16 UNF	59	19	24	69	10,000	6.8	23.8
1068X-8-08	12	-08	12.7	1/2	3/4 - 16 UNF	64	21	27	69	10,000	8.8	29.5
1068X-8-08C	12	-08	12.7	1/2	3/4 - 16 UNF	64	21	27	69	10,000	8.8	29.5
1068X-10-08	12	-08	12.7	1/2	7/8 - 14 UNF	62	19	27	69	10,000	8.8	29.5
106NX-20-20	32	-20	31.8	1 1/4	1 5/8 - 12 UNF	104	44	50	44	6,380	25.3	50.0

1078X – NPSM female swivel

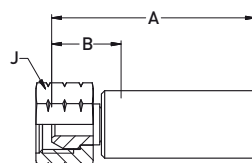


MATERIAL Carbon steel, zinc plated, C: Stainless steel





#						A	B				Nipple ID	Ferrule OD
	DN	size	mm	inch		mm	mm		MPa	psi	mm	mm
1078X-6-06	10	-06	9.5	3/8	3/8 - 18NPSM	50	21	22	57.5	8,340	6.8	23.8
1078X-6-06C	10	-06	9.5	3/8	3/8 - 18NPSM	50	21	22	57.5	8,340	6.8	23.8
1078X-8-08	12	-08	12.7	1/2	1/2 - 14NPSM	50	19	27	55.0	7,975	8.8	29.5
1078X-8-08C	12	-08	12.7	1/2	1/2 - 14NPSM	50	19	27	55.0	7,975	8.8	29.5

1078X – NPSM female swivel

With stainless steel nipple

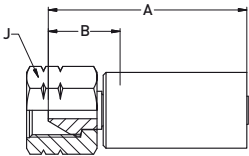


MATERIAL Carbon steel, zinc plated
stainless steel nipple (material 1.4301)

#						A	B				Nipple ID	Ferrule OD
	DN	size	mm	inch		mm	mm		MPa	psi	mm	mm
1078X-6-06C2W	10	-06	9.5	3/8	3/8 - 18NPSM	50	21	22	57.5	8,340	6.8	23.8
1078X-8-08C2W	12	-08	12.7	1/2	1/2 - 14NPSM	50	19	27	55.0	7,975	8.8	29.5

Hoses with design factor 4:1
1AY8X – 1158X / 115NX

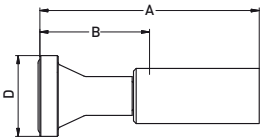
1AY8X – Type “M” female swivel



MATERIAL Carbon steel, zinc plated

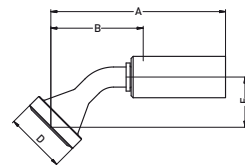
#						A	B				Nipple ID	Ferrule OD
	DN	size	mm	inch		mm	mm	mm	MPa	psi	mm	mm
1AY8X-6-025	4	-025	4.0	5/32	9/16 - 18 UNF	56	28	19	75	10,875	2.3	13.2

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

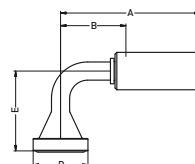


MATERIAL Carbon steel, zinc plated

#					A	B	D			Nipple ID	Ferrule OD
	DN	size	mm	inch	mm	mm	mm	MPa	psi	mm	mm
1158X-8-08	12	-08	12.7	1/2	87	44	30	21	3,000	8.8	29.5
115NX-20-20	32	-20	31.8	1 1/4	117	56	51	21	3,000	25.3	50.0

1178X / 117NX – SAE code 61 flange 45° elbow
ISO 12151-3**MATERIAL** Carbon steel, zinc plated

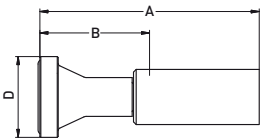
#					A	B	D	E			Nipple ID	Ferrule OD
	DN	size	mm	inch	mm	mm	mm	mm	MPa	psi	mm	mm
1178X-8-08	12	-08	12.7	1/2	95	53	30	20	55.0	7,974	8.8	29.5
117NX-20-20	32	-20	31.8	1 1/4	174	113	51	37	44.0	6,380	25.3	50.0

1198X / 119NX – SAE code 61 flange 90° elbow
ISO 12151-3**MATERIAL** Carbon steel, zinc plated



#					A	B	D	E			Nipple ID	Ferrule OD
	DN	size	mm	inch	mm	mm	mm	mm	MPa	psi	mm	mm
1198X-8-08	12	-08	12.7	1/2	78	35	30	44	55.0	7,974	8.8	29.5
119NX-20-20	32	-20	31.8	1 1/4	165	104	51	82	44.0	6,380	25.3	50.0

Hoses with design factor 4:1
 16A8X / 16ANX – 16F8X / 16FNX

16A8X / 16ANX – SAE code 62 flange ISO 12151-3

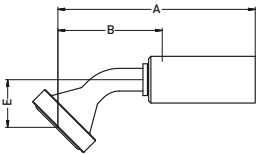


MATERIAL Carbon steel, zinc plated



#					A	B	D			Nipple ID	Ferrule OD
	DN	size	mm	inch	mm	mm	mm	MPa	psi	mm	mm
16A8X-8-08	12	-08	12.7	1/2	88	45	32	55.0	7,974	8.8	29.5
16ANX-20-20	32	-20	31.8	1 1/4	126	65	54	44.0	6,380	25.3	50.0

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

ISO 12151-3

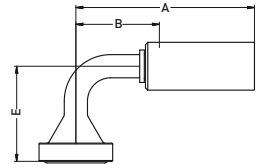


MATERIAL Carbon steel, zinc plated

#					A	B	D	E			Nipple ID	Ferrule OD
	DN	size	mm	inch	mm	mm	mm	mm	MPa	psi	mm	mm
16F8X-8-08	12	-08	12.7	1/2	95	52	32	21	55.0	7,974	8.8	29.5
16FNX-20-20	32	-20	31.8	1 1/4	180	119	54	44	44.0	6,380	25.3	50.0

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

ISO 12151-3

MATERIAL Carbon steel, zinc plated

#					A	B	D	E			Nipple ID	Ferrule OD
	DN	size	mm	inch	mm	mm	mm	mm	MPa	psi	mm	mm
16N8X-8-08	12	-08	12.7	1/2	87	44	32	41	55.0	7,974	8.8	29.5
16NNX-20-20	32	-20	31.8	1 1/4	165	104	54	91	44.0	6,380	25.3	50.0