

PFX30 – 3000 bar Ultra-high pressure hose



CONSTRUCTION

Core tube

: Polyoxymethylene

Pressure reinforcement

: Four to eight spiral layers of maximum tensile wire

Cover

: Polyamide, alternatively with double cover ToughJACKET™

Standard colour

: Orange

TEMPERATURE RANGE

-40°C up to +70°C

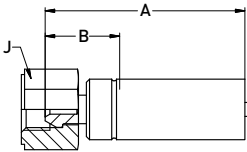
- TJ cover = double cover for extreme conditions with increased abrasion requirements ToughJACKET™
- Orange cover according WJTA Color Coding
- Hose in accordance with ISO 23384 and DIN EN 1829-2
- PL = Prolance : Tough cover qualified with compact Prolance fittings

#													Fittings Series
	DN	size	mm	inch	mm	MPa	psi	MPa	psi	mm	kg/m		
PFX30-025-PL*	4	-025	4.0	5/32	9.9	301	43645	650	94250	120	0.22	LX/LX-PL	
PFX30-025	4	-025	4.0	5/32	12.0	301	43645	700	101500	140	0.29	2X	
PFX30-03	5	-03	4.8	3/16	13.3	301	43645	700	101500	200	0.47	2X	
PFX30-03-TJ	5	-03	4.8	3/16	17.3	301	43645	700	101500	200	0.58	2X	
PFX30-05	8	-05	7.8	5/16	18.7	301	43645	700	101500	230	0.96	2X	
PFX30-05-TJ	8	-05	7.8	5/16	22.7	301	43645	700	101500	230	1.11	2X	
PFX30-06	10	-06	9.85	3/8	22.7	301	43645	625	90625	250	1.35	2X	
PFX30-06-TJ	10	-06	9.85	3/8	26.7	301	43644	625	90625	250	1.53	2X	
PFX30-08	12	-08	12.5	1/2	29.9	301	43645	625	90625	350	2.48	2X	
PFX30-08-TJ	12	-08	12.5	1/2	34.0	301	43645	625	90625	350	2.72	2X	



NOTES

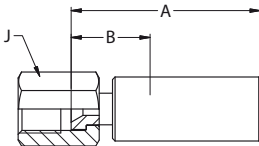
1922X – BSP female swivel (60° cone)



MATERIAL Nipple: very high strength stainless steel
Shell and nut: high strength carbon steel, zinc plated, C-stainless steel

#						A	B			
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1922X-4-025	4	-025	4.0	5/32	G 1/4	70	26	22	301	43645
1922X-4-03	5	-03	4.8	3/16	G 1/4	79	26	22	301	43645

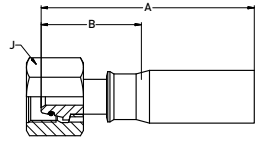
16Y2X – High pressure female swivel



MATERIAL Nipple: very high strength stainless steel
Shell and nut: high strength carbon steel, zinc plated, C-stainless steel

#						A	B			
	DN	size	mm	inch		mm	mm	mm	MPa	psi
16Y2X-4-025	4	-025	4.0	5/32	9/16 - 18UNF	76	23	19	400	58000
16Y2X-4-025C	4	-025	4.0	5/32	9/16 - 18UNF	76	23	19	400	58000
16Y2X-4-03	5	-03	4.8	3/16	9/16 - 18UNF	76	23	19	400	58000

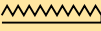
1C92X – Metric female swivel heavy series with O-ring



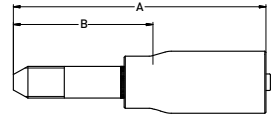
MATERIAL Nipple: very high strength stainless steel

Shell: DN8, DN10 – stainless steel, all others high strength carbon steel zinc plated, C-stainless steel

Nut: high strength carbon steel zinc plated, C-stainless steel

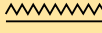
#	⊙					A	B	J 		
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1C92X-12-05	8	-05	7.9	5/16	M20x1.5	91	38	27	301	43645
1C92X-12-06	10	-06	9.9	3/8	M20x1,5	95	38	27	301	43645
1C92X-16-06	10	-06	9.9	3/8	M24x1,5	95	38	32	301	43645
1C92X-16-08	12	-08	12.7	1/2	M24x1,5	117	47	32	301	43645
1C92X-16-08C	12	-08	12.7	1/2	M24x1,5	117	47	32	301	43645

1Y42X – High pressure tube nipple UNF – LH thread

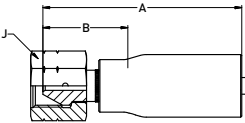


MATERIAL Nipple: very high strength stainless steel

Shell: DN8, DN10 – stainless steel, all others high strength carbon steel zinc plated, C-stainless steel

#	⊙					A	B		
	DN	size	mm	inch		mm	mm	MPa	psi
1Y42X-4-025	4	-025	4.0	5/32	1/4 - 28UNF-LH	88	45	400	58000
1Y42X-4-025C	4	-025	4.0	5/32	1/4 - 28UNF-LH	88	45	400	58000
1Y42X-6-025	4	-025	4.0	5/32	3/8 - 24UNF-LH	98	55	400	58000
1Y42X-6-025C	4	-025	4.0	5/32	3/8 - 24UNF-LH	98	55	400	58000
1Y42X-4-03	5	-03	4.8	3/16	1/4 - 28UNF-LH	116	63	400	58000
1Y42X-4-03C	5	-03	4.8	3/16	1/4 - 28UNF-LH	116	63	400	58000
1Y42X-6-03	5	-03	4.8	3/16	3/8 - 24UNF-LH	116	63	400	58000
1Y42X-9-03	5	-03	4.8	3/16	9/16 - 18UNF-LH	116	63	400	58000
1Y42X-9-03C	5	-03	4.8	3/16	9/16 - 18UNF-LH	116	63	400	58000
1Y42X-6-03C	5	-03	4.8	3/16	3/8 - 24UNF-LH	116	63	400	58000
1Y42X-6-04	6	-04	6.4	1/4	3/8 - 24UNF-LH	116	63	400	58000
1Y42X-9-04	6	-04	6.4	1/4	9/16 - 18UNF-LH	116	63	400	58000
1Y42X-6-05	8	-05	7.9	5/16	3/8 - 24UNF-LH	116	63	400	58000
1Y42X-9-05	8	-05	7.9	5/16	9/16-18 UNF LH	125	72	400	58000
1Y42X-9-06	10	-06	9.9	3/8	9/16-18 UNF LH	130	72	400	58000
1Y42X-9-08	12	-08	12	1/2	9/16 - 18 UNF - LH	139	73	400	58000
1Y42X-16-08	12	-08	12	1/2	1 - 14 UNS - LH	143	77.5	400	58000

1AY2X – Type “M” female swivel

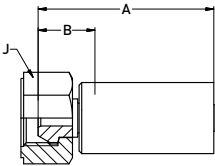


MATERIAL Nipple: very high strength stainless steel

Shell: DN8, DN10 – stainless steel, all others high strength carbon steel zinc plated, C-stainless steel
Nut: high strength carbon steel zinc plated, C-stainless steel

#						A		B			
	DN	size	mm	inch		mm	mm	mm		MPa	psi
1AY2X-6-025	4	-025	4.0	5/32	9/16 - 18UNF	61	24	22	400	400	58000
1AY2X-6-025C	4	-025	4.0	5/32	9/16 - 18UNF	61	24	22	400	400	58000
1AY2X-6-03	5	-03	4.8	3/16	9/16 - 18UNF	91	38	22	400	400	58000
1AY2X-6-03C	5	-03	4.8	3/16	9/16 - 18UNF	91	38	22	400	400	58000
1AY2X-6-04	6	-04	6.4	1/4	9/16-18 UNF	91	38	22	400	400	58000
1AY2X-8-05	8	-05	7.9	5/16	3/4 - 16UNF	91	38	27	400	400	58000
1AY2X-8-06	10	-06	9.9	3/8	3/4 - 16UNF	95	38	27	400	400	58000
1AY2X-10-05	8	-05	7.9	5/16	7/8 - 14UNF	91	38	30	400	400	58000
1AY2X-11-08	12	-08	12.7	1/2	1-12 UNF	107	37	32	400	400	58000
1AY2X-11-08C	12	-08	12.7	1/2	1-12 UNF	107	37	32	400	400	58000
1AY2X-13-05	8	-05	7.9	5/16	1 1/8 - 12UNF	91	38	36	400	400	58000
1AY2X-13-05C	8	-05	7.9	5/16	1 1/8 - 12UNF	91	38	36	400	400	58000

1MR2X – Metric female swivel 59° cone



MATERIAL Nipple: very high strength stainless steel
Shell and nut high strength carbon steel zinc plated

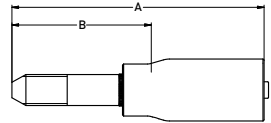
#						A		B			
	DN	size	mm	inch		mm	mm	mm		MPa	psi
1MR2X-6-025	4	-025	4.0	5/32	M12x1,5	88	45	17	400	400	58000
1MR2X-8-025	4	-025	4.0	5/32	M14x1,5	61	24	22	400	400	58000
1MR2X-10-025	4	-025	4.0	5/32	M16x1,5	61	24	22	400	400	58000
1MR2X-6-03	5	-03	4.8	3/16	M12x1,5	116	63	17	400	400	58000
1MR2X-8-03	5	-03	4.8	3/16	M14x1.5	91	38	22	400	400	58000
1MR2X-10-03	5	-03	4.8	3/16	M16x1.5	91	38	22	400	400	58000
1MR2X-12-03	5	-03	4.8	3/16	M18x1.5	91	38	24	400	400	58000

1TM2X – Polyflex Lok components



#	Description
1TM2X-8-03-HPK	Fitting for DN5 hoses incl. caps (refer to chapter D)
1TM2X-8-05-HPK	Fitting for DN8 hoses incl. caps (refer to chapter D)
1TM2X-9-08-HPK	Fitting for DN12 hoses incl. caps (refer to chapter D)

1YM2X – High pressure tube nipple metric – LH thread

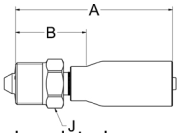


MATERIAL

Nipple: very high strength stainless steel
Shell: DN8, DN10 – stainless steel, all others high strength carbon steel zinc plated, C-stainless steel

#						A		B		
	DN	size	mm	inch		mm	mm	MPa	psi	
1YM2X-6-025	5	-03	4.8	3/16	M14x1.5-LH	67	112	400	58000	
1YM2X-6-03	5	-03	4.8	3/16	M14x1.5-LH	116	63	400	58000	
1YM2X-6-03C	5	-03	4.8	3/16	M14x1.5-LH	116	63	400	58000	
1YM2X-6-04	6	-04	6.4	1/4	M14x1.5-LH	116	63	400	58000	
1YM2X-6-05	8	-05	7.9	5/16	M14x1.5-LH	125	72	400	58000	
1YM2X-6-06	10	-06	9.9	3/8	M14x1.5 - LH	130	72	400	58000	
1YM2X-6-08	12	-08	12.5	1/2	M14x1.5 - LH	139	73	400	58000	
1YM2X-11-08	12	-08	12.5	1/2	M18x1.5-LH	78	144	400	58000	
1YM2X-12-08	12	-08	12.5	1/2	M20x1.5-LH	78	144	400	58000	

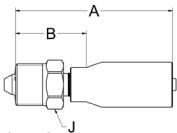
1YX2X – High pressure swivel fitting UNF
Rotatable under pressure



MATERIAL Nipple: very high strength stainless steel
Shell: DN8 – stainless steel, all others high strength carbon steel zinc plated,
Gland nut: stainless steel

#						A	B			
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1YX2X-6-03	5	-03	4.8	3/16	3/4-16 UNF	95	45	22	400	58000
1YX2X-9-03	5	-03	4.8	3/16	1 1/8-12 UNF	98	48	30	400	58000
1YX2X-9-05	8	-05	7.9	5/16	1 1/8 - 12 UNF	105	54.5	30	400	58000

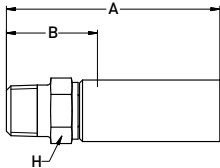
1YY2X – High pressure swivel fitting metric
Rotatable under pressure



MATERIAL Nipple: very high strength stainless steel
Shell: DN8 – stainless steel, all others high strength carbon steel zinc plated,
Gland nut: stainless steel

#						A	B			
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1YY2X-6-025	4	-025	4.0	5/32	M20x1,5	91	47	22	400	58000
1YY2X-6-03	5	-03	4.8	3/16	M20x1,5	95	45	22	400	58000
1YY2X-9-03	5	-03	4.8	3/16	M26x1,5	98	48	27	400	58000
1YY2X-9-05	8	-05	7.9	5/16	M26x1.5	105	54.5	30	400	58000
1YY2X-10-03	5	-03	4.8	3/16	M30x2	98	48	32	400	58000
1YY2X-10-05	8	-05	7.9	5/16	M30x2	105	54.5	32	400	58000

101LX – National Pipe Tapered (NPT) male



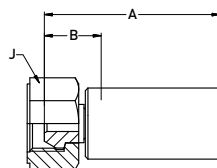
MATERIAL High strength carbon steel, zinc plated, C: Stainless steel

#						A	B			
	DN	size	mm	inch		mm	mm	mm	MPa	psi
101LX-4-03	5	-03	4.8	3/16	1/4 NPT	75	33	14	103.5	15000
101LX-4-03C	5	-03	4.8	3/16	1/4 NPT	75	33	14	103.5	15000
101LX-4-04	6	-04	6.4	1/4	1/4 NPT	80	36	14	103.5	15000
101LX-4-04C	6	-04	6.4	1/4	1/4 NPT	80	36	14	103.5	15000
101LX-6-04	6	-04	6.4	1/4	3/8 NPT	80	36	19	103.5	15000
101LX-6-04C	6	-04	6.4	1/4	3/8 NPT	80	36	19	103.5	15000
101LX-4-05	8	-05	7.9	5/16	1/4 NPT	76	31	14	103.5	15000
101LX-4-05C	8	-05	7.9	5/16	1/4 NPT	76	31	14	103.5	15000
101LX-6-06	10	-06	9.5	3/8	3/8 NPT	76	30	19	103.5	15000
101LX-6-06C	10	-06	9.5	3/8	3/8 NPT	76	30	19	103.5	15000
101LX-8-06	10	-06	9.5	3/8	1/2 NPT	81	35	22	103.5	15000
101LX-8-06C	10	-06	9.5	3/8	1/2 NPT	81	35	22	103.5	15000
101LX-8-08	12	-08	12.7	1/2	1/2 NPT	91	37	22	103.5	15000
101LX-8-08C	12	-08	12.7	1/2	1/2 NPT	91	37	22	103.5	15000
101LX-12-12	20	-12	19.0	3/4	3/4 NPT	124	57	35	69.0	10000
101LX-16-16	25	-16	25.4	1	1 NPT	125	64	35	69.0	10000

Design Factor >2:1

192LX / 692LX – BSP female swivel (60° cone)

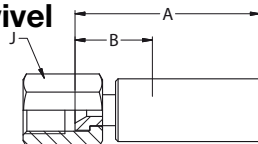
MATERIAL High strength carbon steel, zinc plated, C: Stainless steel



#						A				
	DN	size	mm	inch		mm	mm		MPa	psi
192LX-4-03	5	-03	4.8	3/16	G 1/4	64	25	22	180	26100
192LX-4-03C	5	-03	4.8	3/16	G 1/4	64	25	22	180	26100
192LX-6-05	8	-05	7.9	5/16	G 3/8	69	25	27	150	21750
192LX-6-05C	8	-05	7.9	5/16	G 3/8	69	25	27	150	21750
192LX-8-06	10	-06	9.5	3/8	G 1/2	66	22	30	140	20300
192LX-8-06C	10	-06	9.5	3/8	G 1/2	66	22	30	140	20300
192LX-8-08	12	-08	12.7	1/2	G 1/2	75	21	30	140	20300
192LX-8-08C	12	-08	12.7	1/2	G 1/2	75	21	30	140	20300
192LX-12-08C	12	-08	12.7	1/2	G 3/4	85	30	32	140	20300
192LX-16-12	20	-12	19.0	3/4	G 1	77	24	41	100	14500
192LX-16-12C4462	20	-12	19.0	3/4	G 1	77	24	41	100	14500
692LX-16-16C	25	-16	25.4	1	G 1	78	25	38	90	13050
192LX-20-16	25	-16	25.4	1	G 1 1/4	78	25	50	90	13050

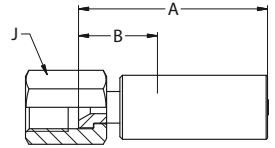
15YLX / 65YLX – Medium pressure female swivel

MATERIAL Special materials, C: Stainless steel



#						A				
	DN	size	mm	inch		mm	mm		MPa	psi
65YLX-6-3C	5	-03	4.8	3/16	9/16 - 18	78	39	19	138	20000
15YLX-6-04C	6	-04	6.4	1/4	9/16 - 18	72	39	19	138	20000

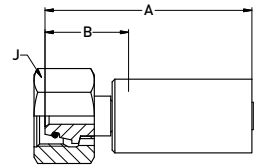
16YLX – High pressure female swivel



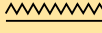
MATERIAL Stainless steel

#	⊙					A	B	J	⌚	
	DN	size	mm	inch		mm	mm	mm	MPa	psi
16YLX-4-03C	5	-03	4.8	3/16	9/16 - 18 UNF	71	33	19	180	26100

1C9LX – Metric female swivel heavy series with O-ring

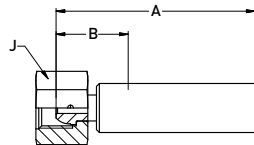


MATERIAL High strength carbon steel, zinc plated, C: Stainless steel

#	⊙					A	B	J	⌚	
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1C9LX-8-025	4	-025	4.0	5/32	M16x1.5	67	30	22	250	36250
1C9LX-8-025C	4	-025	4.0	5/32	M16x1.5	67	30	22	250	36250
1C9LX-16-03	5	-03	4.8	3/16	M24x1.5	80	38	30	250	36250
1C9LX-10-04	6	-04	6.4	1/4	M18x1.5	76	31	27	170	24650
1C9LX-10-04C	6	-04	6.4	1/4	M18x1.5	76	31	27	170	24650
1C9LX-16-04	6	-04	6.4	1/4	M24x1.5	85	40	30	170	24650
1C9LX-14-05	8	-05	7.9	5/16	M22x1.5	84	40	30	150	21750
1C9LX-16-05	8	-05	7.9	5/16	M24x1.5	84	40	30	150	21750
1C9LX-16-05C	8	-05	7.9	5/16	M24x1.5	84	40	30	150	21750
1C9LX-12-06	10	-06	9.5	3/8	M20x1.5	76	30	27	150	21750
1C9LX-14-06	10	-06	9.5	3/8	M22x1.5	76	30	30	150	21750
1C9LX-14-06C	10	-06	9.5	3/8	M22x1.5	76	30	30	150	21750
1C9LX-16-06	10	-06	9.5	3/8	M24x1.5	80	34	30	150	21750
1C9LX-16-06C	10	-06	9.5	3/8	M24x1.5	80	34	30	150	21750
1C9LX-16-08	12	-08	12.7	1/2	M24x1.5	88	34	30	150	21750
1C9LX-16-08C	12	-08	12.7	1/2	M24x1.5	88	34	30	150	21750
1C9LX-25-12	20	-12	19.0	3/4	M36x2	92	39	46	100	14500
1C9LX-25-12C4462	20	-12	19.0	3/4	M36x2	92	39	46	100	14500
1C9LX-30-16	25	-16	25.4	1	M42x2	98	45	50	90	13050
1C9LX-30-16C4462	25	-16	25.4	1	M42x2	98	45	50	90	13050

1C3LX – Metric female swivel light series

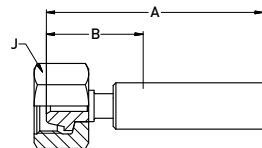
MATERIAL High strength carbon steel, zinc plated, C: Stainless steel



#						A	B			
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1C3LX-8-025	4	-025	4.0	5/32	M14x1.5	63	26	22	220	31900
1C3LX-8-03	5	-03	4.8	3/16	M14x1.5	64	25	22	180	26100
1C3LX-8-03C	5	-03	4.8	3/16	M14x1.5	64	25	22	180	26100
1C3LX-8-04	6	-04	6.4	1/4	M14x1.5	69	25	22	164	23780
1C3LX-8-04C	6	-04	6.4	1/4	M14x1.5	69	25	22	164	23780

1C6LX – Metric female swivel heavy series

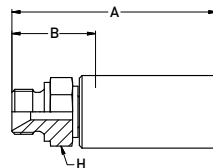
MATERIAL High strength carbon steel, zinc plated



#						A	B			
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1C6LX-12-05	8	-05	7.9	5/16	M20x1.5	78	34	27	150	21750

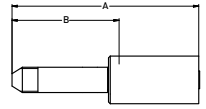
1D9LX – BSP male

MATERIAL High strength carbon steel, zinc plated



#						A	B			
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1D9LX-4-025	4	-025	4.0	5/32	G 1/4	73	36	19	220	31900
1D9LX-4-03	5	-03	4.8	3/16	G 1/4	77	35	19	180	26100
1D9LX-4-04	6	-04	6.4	1/4	G 1/4	80	36	19	164	23,780
1D9LX-4-05	8	-05	7.9	5/16	G 1/4	77	33	19	150	21750
1D9LX-4-06	10	-06	9.5	3/8	G 1/4	76	30	19	140	20300

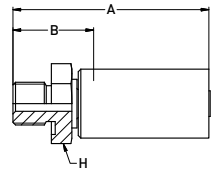
1Y2LX – Medium pressure tube nipple



MATERIAL Special materials, C: Stainless steel

#						A		B		
	DN	size	mm	inch		mm	mm	MPa	psi	
1Y2LX-4-025	4	-025	4.0	5/32	1/4-28 UNF-LH	94	55	138	20000	
1Y2LX-4-03	5	-03	4.8	3/16	1/4-28 UNF-LH	99	57	138	20000	
1Y2LX-6-025	4	-025	4.0	5/32	3/8 - 24UNF-LH	112	73	138	20000	
1Y2LX-6-03	5	-03	4.8	3/16	3/8 - 24UNF-LH	118	75	138	20000	
1Y2LX-6-03C	5	-03	4.8	3/16	3/8 - 24UNF-LH	118	75	138	20000	
1Y2LX-9-03	5	-03	4.8	3/16	9/16-18 UNF-LH	102	65	138	20000	
1Y2LX-9-03C	5	-03	6.4	1/4	9/16-18 UNF-LH	102	65	138	20000	
1Y2LX-6-04	6	-04	6.4	1/4	3/8 - 24UNF-LH	120	65	138	20000	
1Y2LX-6-04C	6	-04	6.4	1/4	3/8 - 24UNF-LH	109	65	138	20000	
1Y2LX-6-05C	8	-05	7.9	5/16	3/8-24 UNF LH	133	88	138	20000	
1Y2LX-9-05	8	-05	7.9	5/16	9/16 - 18 UNF LH	105	60	138	20000	
1Y2LX-6-06C	10	-06	9.5	3/8	3/8-24 UNF LH	128	82	138	20000	
1Y2LX-9-06C	10	-06	9.5	3/8	9/16 - 18 UNF LH	137	91	138	20000	
1Y2LX-9-08	12	-08	12.7	1/2	9/16 - 18 UNF LH	110	60	138	20000	
1Y2LX-9-08C	12	-08	12.7	1/2	9/16 - 18 UNF LH	110	60	138	20000	
1Y2LX-12-08C	12	-08	12.7	1/2	3/4 - 16 UNF LH	158	104	138	20000	
1Y2LX-12-12C4462	20	-12	19.0	3/4	3/4 - 16 UNF LH	160	100	138	20000	
1Y2LX-16-12C4462	20	-12	19.0	3/4	1-14 UNS LH	181	121	138	20000	
1Y2LX-16-16C4462	25	-16	25.4	1	1-14 UNS LH	181	121	138	20000	

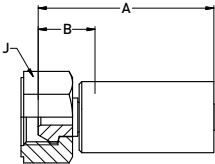
1Y9LX – BSP male for USIT ring



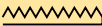
MATERIAL High strength carbon steel, zinc plated, C: Stainless steel

#						A		B		
	DN	size	mm	inch		mm	mm	mm		
1Y9LX-4-03	5	-03	4.8	3/16	G 1/4	72	32	22	180	26100
1Y9LX-4-03C	5	-03	4.8	3/16	G 1/4	72	32	22	180	26100
1Y9LX-6-05	8	-05	7.9	5/16	G 3/8	82	38	27	150	21750
1Y9LX-8-08	12	-08	12.7	1/2	G 1/2	87	32	36	130	18850

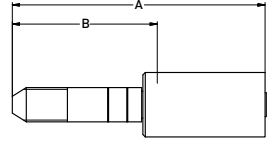
1MRLX/6MRLX – Metric female swivel 59° cone



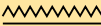
MATERIAL High strength carbon steel, zinc plated

#						A	B			
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1MRLX-6-02	3	-02	3.0	1/32	M12x1,5	43	21	17	250	36250
1MRLX-8-02	3	-02	3.0	1/32	M14x1,5	48	26	22	250	36250
1MRLX-8-025	4	-025	4.0	5/32	M14x1,5	65	34	22	250	36250
6MRLX-6-2AC	4	-025	4.0	5/32	M12x1,5	103	72	17	301	43645
6MRLX-8-2AC	4	-025	4.0	5/32	M14x1,5	103	72	22	301	43645
1MRLX-6-03	5	-03	4.8	3/16	M12x1,5	92	53	17	250	36250
1MRLX-8-03	5	-03	4.8	3/16	M14x1,5	66	26	22	250	36250

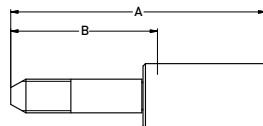
1YALX/1Y4LX/6Y4LX – High pressure tube nipple UNF – LH thread



MATERIAL Special materials, C: Stainless steel

#						A		B		
	DN	size	mm	inch		mm	mm	MPa	psi	
1Y4LX-4-02	3	-02	3.0	1/32	1/4 - 28UNF-LH	63	41	400	58000	
1YALX-1-025	4	-025	4.0	5/32	1/4 - 28UNF-LH	87	50	400	58000	
1YALX-1-025C	4	-025	4.0	5/32	1/4 - 28UNF-LH	87	50	400	58000	
1YALX-3-025	4	-025	4.0	5/32	3/8 - 24UNF-LH	89	50	400	58000	
6Y4LX-4-2AC	4	-025	4.0	5/32	1/4-28 UNF-LH	75	42	400	58000	
6Y4LX-4-2AC-PL	4	-025	4.0	5/32	1/4-28 UNF-LH	70	37	400	58000	
6Y4LX-6-2AC	4	-025	4.0	5/32	3/8-24 UNF-LH	87	54	400	58000	
6Y4LX-6-2AC-PL	4	-025	4.0	5/32	3/8-24 UNF-LH	87	54	400	58000	
1YALX-1-03	5	-03	4.8	3/16	1/4 - 28UNF-LH	92	53	400	58000	
1YALX-1-03C	5	-03	4.8	3/16	1/4 - 28UNF-LH	92	53	400	58000	
1YALX-3-03	5	-03	4.8	3/16	3/8 - 24UNF-LH	99	57	400	58000	
1YALX-3-03C	5	-03	4.8	3/16	3/8 - 24UNF-LH	99	57	400	58000	
1YALX-6-03	5	-03	4.8	3/16	9/16 - 18UNF-LH	108	67	400	58000	
1YALX-6-03C	5	-03	4.8	3/16	9/16 - 18UNF-LH	108	67	400	58000	
1YALX-3-04	6	-04	6.4	1/4	3/8 - 24UNF-LH	102	58	400	58000	
1YALX-3-04C	6	-04	6.4	1/4	3/8 - 24UNF-LH	102	58	400	58000	
1YALX-6-04	6	-04	6.4	1/4	9/16 - 18UNF-LH	112	67	400	58000	
1YALX-3-05C	8	-05	7.9	5/16	3/8 - 24UNF-LH	103	59	400	58000	
1YALX-6-05	8	-05	7.9	5/16	9/16 - 18UNF-LH	110	66	400	58000	
1YALX-6-05C	8	-05	7.9	5/16	9/16 - 18UNF-LH	110	66	400	58000	
1YALX-6-06	10	-06	9.5	3/8	9/16 - 18UNF-LH	106	62	400	58000	
1YALX-6-06C	10	-06	9.5	3/8	9/16 - 18UNF-LH	106	62	400	58000	
1Y4LX-9-08	12	-08	12.7	1/2	9/16 - 18UNF-LH	124	70	400	58000	
1Y4LX-9-08C	12	-08	12.7	1/2	9/16 - 18UNF-LH	124	70	400	58000	

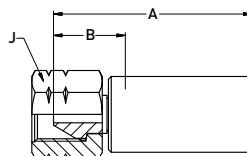
1YMLX – High pressure tube nipple metric – LH thread



MATERIAL High strength carbon steel, zinc plated, C: Stainless steel

#						A	B		
	DN	size	mm	inch		mm	mm	MPa	psi
1YMLX-6-025	4	-025	4.0	5/32	M14x1.5-LH	103	72	250	36250
1YMLX-6-04	6	-04	6.4	1/4	M14x1.5-LH	112	80	250	36250
1YMLX-6-05	8	-05	7.9	5/16	M14x1.5-LH	110	66	250	36250
1YMLX-11-08	12	-08	12.7	1/2	M18x1.5-LH	120	65	250	36250

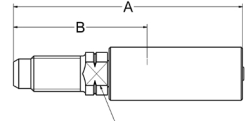
1AYLX / 6AYLX – Type “M” female swivel



MATERIAL High strength carbon steel, zinc plated, C: Stainless steel

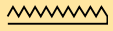
#						A	B			
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1AYLX-6-02	3	-02	3.0	1/8	9/16 - 18UNF	48	26	22	250	36250
1AYLX-6-025	4	-025	4.0	5/32	9/16 - 18 UNF	64	33	22	250	36250
1AYLX-6-025C	4	-025	4.0	5/32	9/16 - 18 UNF	64	33	22	250	36250
1AYLX-6-03	5	-03	4.8	3/16	9/16 - 18UNF	66	26	22	250	36250
1AYLX-6-03C	5	-03	4.8	3/16	9/16 - 18 UNF	67	26	22	250	36250
1AYLX-6-04	6	-04	6.4	1/4	9/16 - 18UNF	61	29	22	250	36250
1AYLX-6-04C	6	-04	6.4	1/4	9/16 - 18UNF	61	29	22	250	36250
1AYLX-8-05	8	-05	7.9	5/16	3/4 - 16UNF	74	30	27	250	36250
1AYLX-8-05C	8	-05	7.9	5/16	3/4 - 16 UNF	70	31	27	250	36250
1AYLX-8-06	10	-06	9.5	3/8	3/4 - 16UNF	70	26	27	250	36250
1AYLX-8-06C	10	-06	9.5	3/8	3/4 - 16 UNF	70	25	27	250	36250
1AYLX-11-08	12	-08	12.7	1/2	1 - 12 UNF	80	27	32	250	36250
1AYLX-11-08C	12	-08	12.7	1/2	1 - 12 UNF	80	27	32	250	36250
1AYLX-16-12	20	-12	19.0	3/4	1 5/16-12UNF	82	29	41	250	36250
1AYLX-16-12C4462	20	-12	19.0	3/4	1 5/16-12UNF	82	29	41	250	36250
6AYLX-6-2AC	4	-025	4.0	5/32	9/16 - 18 UNF	64	33	17	301	43645
6AYLX-16-16C	25	-16	25.4	1	1 5/16 - 12 UNF	100	40	38	250	36250

6YHLX – UNF male nozzle nipple



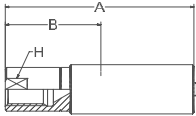
MATERIAL Stainless steel

NOTE ProLance fitting

#						A	B	H		
	DN	size	mm	inch		mm	mm	mm	MPa	psi
6YHLX-4-02-PL	3	-02	3.0	1/32	1/4-28 UNF	52	30	8	280	40600
6YHLX-4-2AC-PL	4	-025	4.0	5/32	1/4 - 28 UNF	58	26	8	301	43645
6YHLX-4-2AC-PL-LH	4	-025	4.0	5/32	1/4 - 28 UNF LH	58	26	8	301	43645
6YHLX-6-2AC-PL-LH	4	-025	4.0	5/32	3/8-24 UNF LH	62	30	10	301	43645
6YHLX-4-3C-PL	5	-03	4.8	3/16	1/4 - 28 UNF	62	29	10	280	40600
6YHLX-4-3C-PL-LH	5	-03	4.8	3/16	1/4 - 28 UNF LH	62	29	10	280	40600
6YHLX-6-3C-PL	5	-03	4.8	3/16	3/8 - 24 UNF	65	32	10	280	40600
6YHLX-6-3C-PL-LH	5	-03	4.8	3/16	3/8 - 24 UNF LH	65	32	10	280	40600
6YHLX-6-4C-PL	6	-04	6.4	1/4	3/8 - 24 UNF	66	36	11	280	40600
6YHLX-9-4C-PL	6	-04	6.4	1/4	9/16-18 UNF	67	37	16	280	40600
6YHLX-6-4C-PL-LH	6	-04	6.4	1/4	3/8 - 24 UNF LH	66	36	11	280	40600
6YHLX-9-5C-PL	8	-05	7.9	5/16	9/16 - 18 UNF	80	36	16	280	40600
6YHLX-9-5C-PL-LH	8	-05	7.9	5/16	9/16 - 18 UNF LH	80	36	16	280	40600

Design Factor >2:1

6HYLX – UNF female
for water jetting nozzle



MATERIAL Stainless steel
NOTE ProLance fitting

#						A	B	H		
	DN	size	mm	inch		mm	mm	mm	MPa	psi
6HYLX-4-2AC-PL	4	-025	4.0	5/32	1/4 - 28 UNF	51	19	9	301	43645
6HYLX-4-2AC-PL-LH	4	-025	4.0	5/32	1/4 - 28 UNF LH	51	19	9	301	43645
6HYLX-6-2AC-PL-LH	4	-025	4.0	5/32	3/8 - 24 UNF-LH	49	21	11	301	43645
6HYLX-4-3C-PL	5	-03	4.8	3/16	1/4 - 28 UNF	52	19	9	280	40600
6HYLX-4-3C-PL-LH	5	-03	4.8	3/16	1/4 - 28 UNF LH	52	19	9	280	40600
6HYLX-6-3C-PL	5	-03	4.8	3/16	3/8 - 24 UNF	56	23	11	280	40600
6HYLX-6-3C-PL-LH	5	-03	4.8	3/16	3/8 - 24 UNF LH	56	23	11	280	40600
6HYLX-6-4C-PL	6	-04	6.4	1/4	3/8 - 24 UNF	58	25	11	280	40600
6HYLX-6-4C-PL-LH	6	-04	6.4	1/4	3/8 - 24 UNF LH	58	25	11	280	40600
6HYLX-9-5C-PL	8	-05	7.9	5/16	9/16 - 18 UNF	72	28	17	280	40600
6HYLX-9-5C-PL-LH	8	-05	7.9	5/16	9/16 - 18 UNF	72	28	17	280	40600