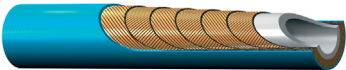


2640N – Ultra-high pressure hose



CONSTRUCTION Core tube : Polyamide
 Pressure reinforcement : Six spiral layers of maximum tensile steel wire

 Cover : Polyamide
 Standard colour : Blue

TEMPERATURE RANGE -10°C up to +70°C

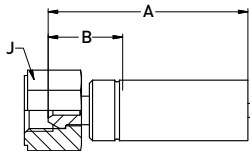
#													Fittings Series 1	Fittings Series 2
	DN	size	mm	inch	mm	MPa	psi	MPa	psi	mm	kg/m			
2640N-08V32	12	-08	12.8	1/2	24.5	180	26100	450	65250	290	1.36	2X	5X*	
2640N-12V32	20	-12	19.6	3/4	33.0	140	20300	350	50750	350	2.10	JX		
2640N-16V32	25	-16	25.0	1	40.0	120	17400	300	43500	400	2.90	JX		

* 5X for hydraulic oil only



NOTES

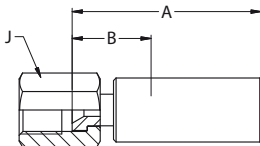
1922X – BSP female swivel (60° cone)



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

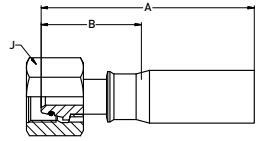
16Y2X – High pressure female swivel



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

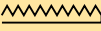
1C92X – Metric female swivel heavy series with O-ring



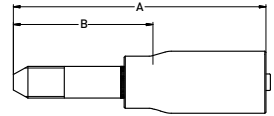
MATERIAL Nipple: very high strength stainless steel

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

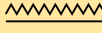
#	⊙					A	B	J 		
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1C92X-12-05	8	-05	7.9	5/16	M20x1.5	91	38	27	301	43645
1C92X-12-06	10	-06	9.9	3/8	M20x1,5	95	38	27	301	43645
1C92X-16-06	10	-06	9.9	3/8	M24x1,5	95	38	32	301	43645
1C92X-16-08	12	-08	12.7	1/2	M24x1,5	117	47	32	301	43645
1C92X-16-08C	12	-08	12.7	1/2	M24x1,5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

1Y42X – High pressure tube nipple UNF – LH thread

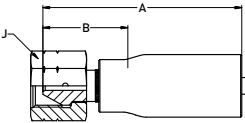


MATERIAL Nipple: very high strength stainless steel

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

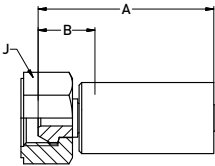


MATERIAL Nipple: very high strength stainless steel

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

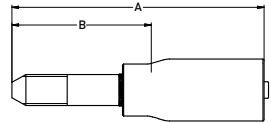
#						A		B			
	DN	size	mm	inch		mm	mm	mm		MPa	psi
1MR2X-6-025	4	-025	4.0	5/32	M12x1,5	88	45	17	400	400	58000
1MR2X-8-025	4	-025	4.0	5/32	M14x1,5	61	24	22	400	400	58000
1MR2X-10-025	4	-025	4.0	5/32	M16x1,5	61	24	22	400	400	58000
1MR2X-6-03	5	-03	4.8	3/16	M12x1,5	116	63	17	400	400	58000
1MR2X-8-03	5	-03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

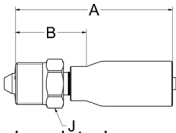


MATERIAL

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

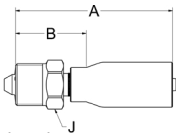
1YX2X – High pressure swivel fitting UNF
Rotatable under pressure



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



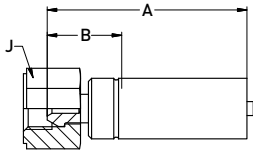
MATERIAL Nipple: very high strength stainless steel
Shell: DN8 – stainless steel, all others high strength carbon steel zinc plated,
Gland nut: stainless steel

#						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

1925X – BSP female swivel (60° cone)

For hydraulic oil only

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

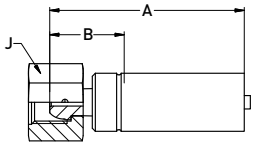


#						A	B			
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1925X-4-03	5	-03	4.8	3/16	G 1/4	78	32	22	250	36250

1C35X – Metric female swivel light series

For hydraulic oil only

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

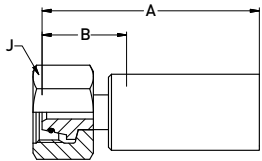


#						A	B			
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1C35X-8-03	5	-03	4.8	3/16	M14x1.5	64	25	22	250	36250

1C95X – Metric female swivel heavy series with O-ring

For hydraulic oil only

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

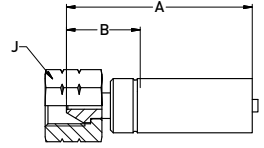


#						A	B			
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1C95X-16-08	12	-08	12.7	1/2	M24x1.5	87	34	32	180	26100

1AY5X – Type “M” female swivel

For hydraulic oil only

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

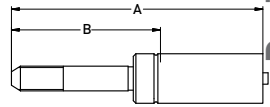


#						A	B			
	DN	size	mm	inch		mm	mm		MPa	psi
1AY5X-6-03	5	-03	4.8	3/16	9/16 - 18UNF	66	26	22	250	36250
1AY5X-11-08	12	-08	12.7	1/2	1 - 12 UNF	80	27	32	180	26100

1YA5X – High pressure tube nipple UNF – LH thread

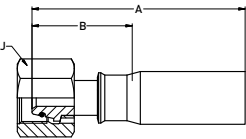
For hydraulic oil only

MATERIAL Special materials



#						A	B		
	DN	size	mm	inch		mm	mm	MPa	psi
1YA5X-1-03	5	-03	4.8	3/16	1/4 - 28UNF-LH	92	53	250	36250
1YA5X-3-03	5	-03	4.8	3/16	3/8 - 24UNF-LH	97	58	250	36250

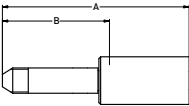
1C9JX – Metric female swivel heavy series with O-ring



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
1C9JX-25-12W	20	-12	19.0	3/4	M36x2	108	49	46	160	23200
1C9JX-25-12C	20	-12	19.0	3/4	M36x2	108	49	46	160	23200
1C9JX-30-16W	25	-16	25.4	1	M42x2	121	55	55	150	21750

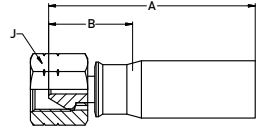
1Y2JX – Medium pressure tube nipple



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

#						A	B		
	DN	size	mm	inch		mm	mm	MPa	psi
1Y2JX-16-12C	20	-12	19.0	3/4	1 - 14 UNF-LH	133	70	138	20000
1Y2JX-16-12W	20	-12	19.0	3/4	1-14 UNS LH	133	75	138	20000
1Y2JX-16-16W	25	-16	25.4	1	1 - 14 UNF-LH	146	70	138	20000

1AYJX – Type “M” female swivel

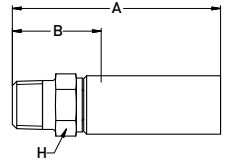


MATERIAL Nipple: very high strength stainless steel

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

#						A	B			
	DN	size	mm	inch		mm	mm	mm	MPa	psi
1AYJX-16-12C	20	-12	19.0	3/4	1 5/16-12UNF	90	31	41	160	23200
1AYJX-16-12W	20	-12	19.0	3/4	1 5/16-12UNF	90	31	41	160	23200

101KY - NPT male



MATERIAL Carbon steel zinc plated, C-stainless steel

#						A	B			
	DN	size	mm	inch		mm	mm	mm	MPa	psi
101KY-2-04	6	-04	6.4	1/4	1/8 NPT	56	29	10	103.5	15000
101KY-4-04	6	-04	6.4	1/4	1/4 NPT	62	35	13	103.5	15000
101KY-4-04C	6	-04	6.4	1/4	1/4 NPT	62	35	13	103.5	15000
101KY-6-04C	6	-04	6.3	1/4	3/8 NPT	62	35	17	103.5	15000
101KY-4-05	8	-05	7.9	5/16	1/4 NPT	69	35	13	103.5	15000
101KY-6-05	8	-05	7.9	5/16	3/8 NPT	69	35	17	103.5	15000