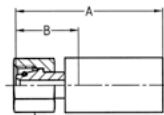



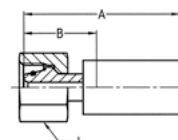


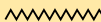



**1CAYX – Metric female swivel 24° with O-ring****Light series – Metric swivel nut – ISO 12151-2****MATERIAL** Galvanised steel with transparent Cr(VI)-free plating.  
Other materials available on request.

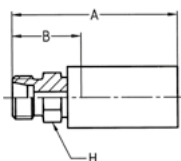
Part No.  #	DN size mm inch				Connection type  Thread size 	A mm	B mm	J mm 	Max. WP MPa 
	DN	size	mm	inch					
1CAYX-6-03	5	-03	4.8	3/16	M12x1.5	45	20	14	31.5
1CAYX-8-04	6	-04	6.4	1/4	M14x1.5	50	23	17	42.5
1CAYX-10-04	6	-04	6.4	1/4	M16x1.5	50	22	19	40.0
1CAYX-10-05	8	-05	7.9	5/16	M16x1.5	50	22	19	40.0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

**1C9YX – 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 mm inch				Connection type		A mm	B mm	J mm 	Max. WP MPa 
	DN	size	mm	inch	Thread size 	Tube OD mm 				
1C9YX-8-03	5	-03	4.8	3/16	M16x1.5	8	47	22	19	63.0
1C9YX-8-04	6	-04	6.4	1/4	M16x1.5	8	51	24	19	63.0
1C9YX-10-04	6	-04	6.4	1/4	M18x1.5	10	54	27	22	63.0
1C9YX-12-05	8	-05	7.9	5/16	M20x1.5	12	56	28	24	63.0
1C9YX-14-06	10	-06	9.5	3/8	M22x1.5	14	57	30	27	63.0
1C9YX-16-08	12	-08	12.7	1/2	M24x1.5	16	65	34	30	42.0
1C9YX-20-10	16	-10	15.9	5/8	M30x2	20	68	37	36	42.0
1C9YX-25-12	20	-12	19.0	3/4	M36x2	25	77	42	46	42.0
1C9YX-30-16	25	-16	25.4	1	M42x2	30	79	45	50	42.0

## 1D0YX – Metric male 24°

Light series – ISO 12151-2

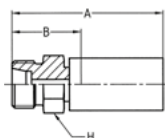


**MATERIAL** Galvanised steel with transparent Cr(VI)-free plating.  
Other materials available on request.

Part No.  #	DN size mm inch				Connection type Thread size	A mm	B mm	H mm	Max. WP MPa
	DN	size	mm	inch	Thread size	A	B	H	Max. WP
1D0YX-6-03	5	-03	4.8	3/16	M12x1.5	48	23	12	25.0
1D0YX-8-04	6	-04	6.4	1/4	M14x1.5	50	23	14	42.5
1D0YX-10-05	8	-05	7.9	5/16	M16x1.5	54	26	17	40.0
1D0YX-12-06	10	-06	9.5	3/8	M18x1.5	54	27	19	35.0
1D0YX-15-08	12	-08	12.7	1/2	M22x1.5	59	28	22	31.0
1D0YX-18-10	16	-10	15.9	5/8	M26x1.5	59	28	27	28.0
1D0YX-22-12	20	-12	19.0	3/4	M30x2	67	32	30	28.0
1D0YX-28-16	25	-16	25.4	1	M36x2	67	32	36	21.0

## 1D2YX – Metric male 24°

Heavy series – ISO 12151-2

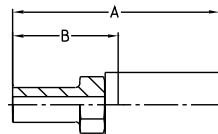


**MATERIAL** Galvanised steel with transparent Cr(VI)-free plating.  
Other materials available on request.

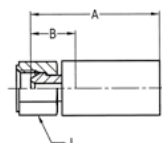
Part No.  #	DN size mm inch				Connection type		A mm	B mm	H mm	Max. WP MPa
	DN	size	mm	inch	Thread size	Tube OD	A	B	H	Max. WP
1D2YX-8-03	5	-03	4.8	3/16	M16x1.5	8	50	25	17	63.0
1D2YX-10-04	6	-04	6.4	1/4	M18x1.5	10	54	27	19	63.0
1D2YX-12-05	8	-05	7.9	5/16	M20x1.5	12	55	27	22	63.0
1D2YX-14-06	10	-06	9.5	3/8	M22x1.5	14	57	30	22	63.0
1D2YX-16-08	12	-08	12.7	1/2	M24x1.5	16	61	30	24	42.0
1D2YX-20-10	16	-10	15.9	5/8	M30x2	20	65	34	30	42.0
1D2YX-25-12	20	-12	19.0	3/4	M36x2	25	71	36	36	42.0
1D2YX-30-16	25	-16	25.4	1	M42x2	30	73	38	46	42.0

**11DYX – Metric standpipe**

Light series

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

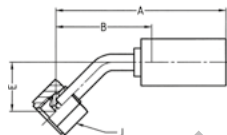
Part No. #	DN	size	mm	inch	Tube OD mm	A mm	B mm	Max. WP MPa
11DYX-6-03	5	-03	4.8	3/16	6	55	27	25.0
11DYX-6-04	6	-04	6.4	1/4	6	58	30	25.0
11DYX-8-04	6	-04	6.4	1/4	8	57	30	25.0
11DYX-10-05	8	-05	7.9	5/16	10	59	31	25.0
11DYX-10-06	10	-06	9.5	3/8	10	77	32	25.0
11DYX-12-06	10	-06	9.5	3/8	12	79	32	25.0
11DYX-15-08	12	-08	12.7	1/2	15	65	34	25.0
11DYX-18-10	16	-10	15.9	5/8	18	66	35	16.0
11DYX-22-12	20	-12	19.0	3/4	22	72	37	16.0
11DYX-28-16	25	-16	25.4	1	28	74	39	10.0

**192YX – 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
192YX-4-03	5	-03	4.8	3/16	G 1/4	42	16	17	63.0
192YX-4-04	6	-04	6.3	1/4	G 1/4	44	17	17	63.0
192YX-6-05	8	-05	7.9	3/16	G 3/8	45	17	19	55.0
192YX-6-06	10	-06	9.5	3/8	G 3/8	46	19	22	55.0
192YX-8-06	10	-06	9.5	3/8	G 1/2	46	19	27	43.0
192YX-8-08	12	-08	12.7	1/2	G 1/2	52	21	27	43.0
192YX-12-10	16	-10	15.9	5/8	G 3/4	50	19	32	35.0
192YX-12-12	20	-12	19.0	3/4	G 3/4	56	21	32	35.0
192YX-16-12	20	-12	19.0	3/4	G 1	56	22	41	28.0
192YX-16-16	25	-16	25.4	1	G 1	57	22	41	28.0
192YX-20-16	25	-16	25.4	1	G 1 1/4	58	24	50	25.0

## 1B1YX – BSP female swivel 60° cone 45° elbow

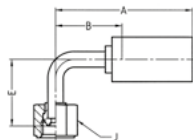
**MATERIAL** Galvanised steel with transparent Cr(VI)-free plating.  
Other materials available on request.



Part No. #	DN	size	mm	inch	Connection type Thread size	A mm	B mm	E mm	J mm	Max. WP MPa
1B1YX-4-03	5	-03	4.8	3/16	G 1/4	58	32	17	17	63.0
1B1YX-4-04	6	-04	6.4	1/4	G 1/4	69	41	21	17	63.0
1B1YX-6-05	8	-05	7.9	5/16	G 3/8	68	39	17	22	55.0
1B1YX-6-06	10	-06	9.5	3/8	G 3/8	64	36	14	22	55.0
1B1YX-8-06	10	-06	9.5	3/8	G 1/2	65	37	15	27	43.0
1B1YX-8-08	12	-08	12.7	1/2	G 1/2	86	54	18	27	43.0
1B1YX-12-10	16	-10	15.9	5/8	G 3/4	99	68	26	32	35.0
1B1YX-12-12	20	-12	19.0	3/4	G 3/4	117	82	30	32	35.0
1B1YX-16-16	25	-16	25.4	1	G 1	120	85	43	41	28.0
1B1YX-20-16	25	-16	25.4	1	G 1 1/4	116	81	34	50	25.0

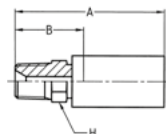
## 1B2YX – BSP female swivel 60° cone 90° elbow

**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
1B2YX-4-03	5	-03	4.8	3/16	G 1/4	48	22	24	17	63.0
1B2YX-4-04	6	-04	6.4	1/4	G 1/4	58	30	30	17	63.0
1B2YX-6-05	8	-05	7.9	5/16	G 3/8	59	30	28	22	55.0
1B2YX-6-06	10	-06	9.5	3/8	G 3/8	58	30	30	22	55.0
1B2YX-8-06	10	-06	9.5	3/8	G 1/2	58	30	31	27	43.0
1B2YX-8-08	12	-08	12.7	1/2	G 1/2	74	42	38	27	43.0
1B2YX-12-10	16	-10	15.9	5/8	G 3/4	84	53	50	32	35.0
1B2YX-12-12	20	-12	19.0	3/4	G 3/4	100	65	60	32	35.0
1B2YX-16-16	25	-16	25.4	1	G 1	100	65	69	41	28.0
1B2YX-20-16	25	-16	25.4	1	G 1 1/4	100	65	70	50	25.0

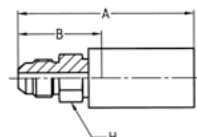
## 101YX – National Pipe Tapered (NPT) male




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

Part No. #	DN	size	mm	inch	Connection type Thread size 	A mm	B mm	H mm	Max. WP MPa
101YX-2-03	5	-03	4,8	3/16	1/8 - 27NPTF	48	23	12	34,5
101YX-4-03	5	-03	4,8	3/16	1/4 - 18NPTF	52	27	14	34,5
101YX-4-04	6	-04	6,4	1/4	1/4 - 18NPTF	54	27	14	34,5
101YX-6-04	6	-04	6,4	1/4	3/8 - 18NPTF	56	29	19	27,5
101YX-6-05	8	-05	7,9	5/16	3/8 - 18NPTF	57	29	19	27,5
101YX-4-06	10	-06	9,5	3/8	1/4 - 18NPTF	55	28	14	34,5
101YX-6-06	10	-06	9,5	3/8	3/8 - 18NPTF	57	30	19	27,5
101YX-6-08	12	-08	12,7	1/2	3/8 - 18NPTF	61	30	19	27,5
101YX-8-08	12	-08	12,7	1/2	1/2 - 14NPTF	66	35	22	24,0
101YX-12-10	16	-10	15,9	5/8	3/4 - 14NPTF	66	35	27	21,0
101YX-12-12	20	-12	19,0	3/4	3/4 - 14NPTF	70	35	27	21,0
101YX-16-16	25	-16	25,4	1	1 - 11 1/2NPTF	78	42	36	17,0

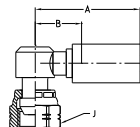
## 103YX – SAE (JIC) 37° male



**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
103YX-4-03	5	-03	4,8	3/16	7/16 - 20UNF	52	27	14	41,0
103YX-5-04	6	-04	6,4	1/4	1/2 - 20UNF	56	29	14	41,0
103YX-6-05	8	-05	7,9	5/16	9/16 - 18UNF	57	29	17	34,5
103YX-8-06	10	-06	9,5	3/8	3/4 - 16UNF	60	33	22	34,5
103YX-10-08	12	-08	12,7	1/2	7/8 - 14UNF	70	38	24	34,5
103YX-12-10	16	-10	15,9	5/8	1 1/16 - 12UNF	71	40	30	34,5
103YX-16-12	20	-12	19,0	3/4	1 5/16 - 12UNF	76	41	36	27,5
103YX-20-16	25	-16	25,4	1	1 5/8 - 12UNF	78	43	46	20,0

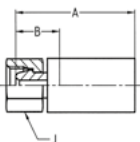
## 1B4YX – BSP female swivel 60° cone 90° compact elbow



**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
1B4YX-4-04	6	-04	6.3	1/4	G 1/4	46	19	19	63.0
1B4YX-6-05	8	-05	7.9	3/16	G 3/8	51	23	22	55.0
1B4YX-6-06	10	-06	9.5	3/8	G 3/8	51	24	22	55.0
1B4YX-8-08	12	-08	12.7	1/2	G 1/2	57	26	27	43.0

## 1U0YX – BSP female swivel (ballnose) BSP swivel nut

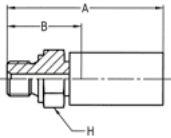


**MATERIAL** Galvanised steel with transparent Cr(VI)-free plating.  
For fittings as mentioned above, but with stainless steel nipple  
(AISI 303), please add **C2W** to the Part No. Example: 1U0YX-4-03 **C2W**.  
Other materials available on request.

Part No. #	DN	size	mm	inch	Connection type Thread size	A mm	B mm	J mm	Max. WP MPa
1U0YX-2-03	5	-03	4.8	3/16	G 1/8	43	18	17	41.0
1U0YX-4-03	5	-03	4.8	3/16	G 1/4	42	16	17	63.0
1U0YX-4-04	6	-04	6.4	1/4	G 1/4	45	17	17	63.0
1U0YX-6-03	5	-03	4.8	3/16	G 3/8	45	17	17	55.0
1U0YX-6-04	6	-04	6.4	1/4	G 3/8	45	17	17	55.0
1U0YX-6-05	8	-05	7.9	5/16	G 3/8	45	17	19	55.0
1U0YX-6-06	10	-06	9.5	3/8	G 3/8	48	19	22	55.0
1U0YX-8-06	10	-06	9.5	3/8	G 1/2	48	19	27	43.0
1U0YX-8-08	12	-08	12.7	1/2	G 1/2	53	21	27	43.0
1U0YX-10-08	12	-08	12.7	1/2	G 5/8	51	20	27	35.0
1U0YX-12-10	16	-10	15.9	5/8	G 3/4	50	19	32	35.0
1U0YX-12-12	20	-12	19.0	3/4	G 3/4	56	21	32	35.0
1U0YX-16-12	20	-12	19.0	3/4	G 1	56	22	41	28.0
1U0YX-16-16	25	-16	25.4	1	G 1	57	22	41	28.0
1U0YX-20-16	25	-16	25.4	1	G 1 1/4	58	24	50	21.0



1D9YX – BSP male  
DIN 3852 Form A



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

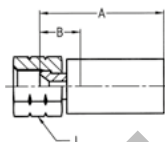
Part No.	DN size				Connection type	A	B	H	Max. WP
#	mm	inch			Thread size	mm	mm	mm	MPa
1D9YX-2-03	5	-03	4.8	3/16	G 1/8	48	22	14	55.0
1D9YX-4-03	5	-03	4.8	3/16	G 1/4	54	29	19	63.0
1D9YX-4-04	6	-04	6.4	1/4	G 1/4	58	29	19	63.0
1D9YX-6-05	8	-05	7.9	5/16	G 3/8	58	29	22	55.0
1D9YX-4-06	10	-06	9.5	3/8	G 1/4	57	30	19	63.0
1D9YX-6-06	10	-06	9.5	3/8	G 3/8	58	30	22	55.0
1D9YX-8-06	10	-06	9.5	3/8	G 1/2	60	33	27	43.0
1D9YX-8-08	12	-08	12.7	1/2	G 1/2	64	33	27	43.0
1D9YX-12-10	16	-10	15.9	5/8	G 3/4	66	35	32	35.0
1D9YX-12-12	20	-12	19.0	3/4	G 3/4	72	37	32	35.0
1D9YX-16-12	20	-12	19.0	3/4	G 1	74	39	41	28.0
1D9YX-20-16	25	-16	25.4	1	G 1 1/4	76	41	50	21.0

PTFE / FEP



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

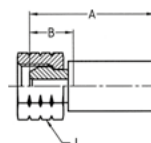
**MATERIAL** Galvanised steel with transparent Cr(VI)-free plating.  
Other materials available on request.



Part No.  #	DN size mm inch				Connection type Thread size	A mm	B mm	J mm	Max. WP MPa
106YX-4-03	5	-03	4.8	3/16	7/16 - 20UNF	40	15	17	41.0
106YX-5-04	6	-04	6.4	1/4	1/2 - 20UNF	42	15	19	41.0
106YX-6-05	8	-05	7.9	5/16	9/16 - 18UNF	45	17	19	34.5
106YX-6-06	10	-06	9.5	3/8	9/16 - 18UNF	47	18	19	34.5
106YX-8-06	10	-06	9.5	3/8	3/4 - 16UNF	46	19	24	34.5
106YX-10-08	12	-08	12.7	1/2	7/8 - 14UNF	49	18	27	34.5
106YX-12-10	16	-10	15.9	5/8	1 1/16 - 12UNF	50	19	32	34.5
106YX-16-12	20	-12	19.0	3/4	1 5/16 - 12UNF	56	22	41	27.5
106YX-20-16	25	-16	25.4	1	1 5/8 - 12UNF	56	22	50	20.0

## 107YX – NPSM female swivel

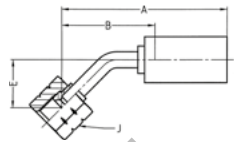
**MATERIAL** Galvanised steel with transparent Cr(VI)-free plating.  
For fittings as mentioned above, but with stainless steel nipple  
(AISI 303), please add **C2W** to the Part No. Example: 107YX-4-04 **C2W**.  
Other materials available on request.



Part No.  #	DN size mm inch				Connection type Thread size	A mm	B mm	J mm	Max. WP MPa
107YX-4-03	5	-03	4.8	3/16	1/4 - 18NPSM	44	19	17	34.5
107YX-2-03	5	-03	4.8	3/16	1/8 - 27NPSM	47	21	17	34.5
107YX-4-04	6	-04	6.4	1/4	1/4 - 18NPSM	47	19	19	34.5
107YX-6-05	8	-05	7.9	5/16	3/8 - 18NPSM	48	20	22	27.5
107YX-6-06	10	-06	9.5	3/8	3/8 - 18NPSM	50	21	22	27.5
107YX-8-08	12	-08	12.7	1/2	1/2 - 14NPSM	51	19	27	24.0
107YX-12-10	16	-10	15.9	5/8	3/4 - 14NPSM	53	22	32	21.0
107YX-12-12	20	-12	19.0	3/4	3/4 - 14NPSM	59	24	32	21.0



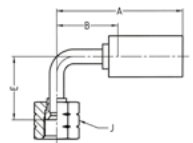
# 137YX – SAE (JIC) 37° female swivel 45° elbow – UNF swivel nut



**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
137YX-4-03	5	-03	4.8	3/16	7/16 - 20UNF	57	31	16	17	41.0
137YX-5-04	6	-04	6.4	1/4	1/2 - 20UNF	69	41	21	19	41.0
137YX-6-05	8	-05	7.9	5/16	9/16 - 18UNF	67	38	16	19	34.5
137YX-8-06	10	-06	9.5	3/8	3/4 - 16UNF	65	37	15	24	34.5
137YX-10-08	12	-08	12.7	1/2	7/8 - 14UNF	81	49	19	27	34.5
137YX-12-10	16	-10	15.9	5/8	1 1/16 - 12UNF	96	65	27	32	34.5
137YX-16-12	20	-12	19.0	3/4	1 5/16 - 12UNF	114	79	32	41	27.5
137YX-20-16	25	-16	25.4	1	1 5/8 - 12UNF	113	78	36	50	20.0

# 139YX – 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
139YX-4-03	5	-03	4.8	3/16	7/16 - 20UNF	48	22	24	17	41.0
139YX-5-04	6	-04	6.4	1/4	1/2 - 20UNF	58	30	31	19	41.0
139YX-6-05	8	-05	7.9	5/16	9/16 - 18UNF	59	30	28	19	34.5
139YX-8-06	10	-06	9.5	3/8	3/4 - 16UNF	58	30	31	24	34.5
139YX-10-08	12	-08	12.7	1/2	7/8 - 14UNF	74	42	39	27	34.5
139YX-12-10	16	-10	15.9	5/8	1 1/16 - 12UNF	84	53	52	32	34.5
139YX-16-12	20	-12	19.0	3/4	1 5/16 - 12UNF	100	65	62	41	27.5
139YX-20-16	25	-16	25.4	1	1 5/8 - 12UNF	100	65	73	50	20.0