

1CA56 – Metric female swivel 24° with O-ring

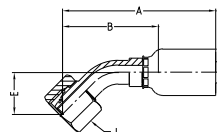
Light series – Metric swivel nut – ISO 12151-2

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

Part No. #	DN size				Connection type		A mm	B mm	J mm	Max. WP MPa
	mm	inch	Thread size	Tube OD mm						
1CA56-6-3	5	-03	4.8	3/16	M12x1.5	6	39.6	21.9	14	31.5
1CA56-6-4	6	-04	6.4	1/4	M12x1.5	6	48.0	24.0	14	31.5
1CA56-8-4	6	-04	6.4	1/4	M14x1.5	8	47.1	22.6	17	42.5
1CA56-10-4	6	-04	6.4	1/4	M16x1.5	10	46.6	22.1	19	40.0
1CA56-12-4	6	-04	6.4	1/4	M18x1.5	12	46.6	22.1	22	35.0
1CA56-10-5	8	-05	7.9	5/16	M16x1.5	10	47.9	22.1	19	40.0
1CA56-12-5	8	-05	7.9	5/16	M18x1.5	12	47.9	22.1	22	35.0
1CA56-10-6	10	-06	9.5	3/8	M16x1.5	10	47.6	22.4	19	40.0
1CA56-12-6	10	-06	9.5	3/8	M18x1.5	12	47.6	22.4	22	35.0
1CA56-15-6	10	-06	9.5	3/8	M22x1.5	15	48.1	22.9	27	31.5
1CA56-15-8	12	-08	12.7	1/2	M22x1.5	15	53.3	24.9	27	31.5
1CA56-18-8	12	-08	12.7	1/2	M26x1.5	18	53.3	24.9	32	31.5
1CA56-18-10	16	-10	15.9	5/8	M26x1.5	18	59.6	26.3	32	31.5
1CA56-18-12	20	-12	19.0	3/4	M26x1.5	18	59.6	25.7	32	31.5
1CA56-22-12	20	-12	19.0	3/4	M30x2	22	57.6	29.2	36	28.0
1CA56-28-16	25	-16	25.4	1	M36x2	28	77.4	29.3	41	21.0

1CE56 – Metric female swivel 24° with O-ring

45° elbow – Light series – Metric swivel nut – ISO 12151-2

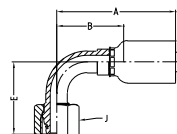


MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	E mm	J mm	Max. WP MPa
	DN	size	mm	inch	Thread size	Tube OD mm					
											
1CE56-6-3	5	-03	4.8	3/16	M12x1.5	6	57.0	39.5	16.0	14	31.5
1CE56-8-4	6	-04	6.4	1/4	M14x1.5	8	62.0	38.0	16.0	17	42.5
1CE56-10-4	6	-04	6.4	1/4	M16x1.5	10	62.0	38.0	16.0	19	40.0
1CE56-10-5	8	-05	7.9	5/16	M16x1.5	10	72.0	46.0	15.0	19	40.0
1CE56-10-6	10	-06	9.5	3/8	M16x1.5	10	75.0	49.8	19.7	19	40.0
1CE56-12-6	10	-06	9.5	3/8	M18x1.5	12	73.0	48.0	19.0	22	35.0
1CE56-15-8	12	-08	12.7	1/2	M22x1.5	15	78.3	49.9	22.0	27	31.5
1CE56-18-12	20	-12	19.0	3/4	M26x1.5	18	101.0	67.0	27.0	32	31.5
1CE56-22-12	20	-12	19.0	3/4	M30x2	22	100.0	66.0	26.0	36	28.0
1CE56-28-16	25	-16	25.4	1	M36x2	28	133.5	85.4	33.0	41	21.0

1CF56 – Metric female swivel 24° with O-ring

90° elbow – Light series – Metric swivel nut – ISO 12151-2



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

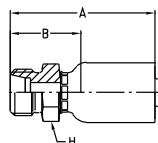
Part No. #	DN size mm inch				Connection type		A mm	B mm	E mm	J mm	Max. WP MPa
			Tube OD mm								
					Thread size						
1CF56-6-3	5	-03	4.8	3/16	M12x1.5	6	48.0	30.3	30.0	14	31.5
1CF56-6-4	6	-04	6.4	1/4	M12x1.5	6	53.0	29.0	33.2	14	31.5
1CF56-8-4	6	-04	6.4	1/4	M14x1.5	8	55.0	30.0	28.5	17	42.5
1CF56-10-4	6	-04	6.4	1/4	M16x1.5	10	55.0	31.0	29.0	19	40.0
1CF56-10-5	8	-05	7.9	5/16	M16x1.5	10	66.0	40.0	29.0	19	40.0
1CF56-12-5	8	-05	7.9	5/16	M18x1.5	12	65.0	40.0	30.0	22	35.0
1CF56-10-6	10	-06	9.5	3/8	M16x1.5	10	64.1	38.9	37.0	19	40.0
1CF56-12-6	10	-06	9.5	3/8	M18x1.5	12	63.0	38.0	35.0	22	35.0
1CF56-15-8	12	-08	12.7	1/2	M22x1.5	15	68.0	39.6	42.6	27	31.5
1CF56-18-10	16	-10	15.9	5/8	M26x1.5	18	87.7	45.4	51.5	32	31.5
1CF56-22-12	20	-12	19.0	3/4	M30x2	22	91.6	57.7	55.0	36	28.0
1CF56-28-16	25	-16	25.4	1	M36x2	28	122.0	74.0	71.0	41	21.0



1D056 – Metric male 24°

Light series – ISO 12151-2

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

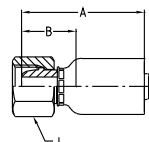


Part No. #	DN size mm inch				Connection type		A mm	B mm	H mm	Max. WP MPa
	DN	size	mm	inch	Thread size	Tube OD mm				
1D056-6-3	5	-03	4.8	3/16	M12x1.5	6	41.0	23.0	12	25.0
1D056-8-4	6	-04	6.4	1/4	M14x1.5	8	46.9	22.4	14	42.5
1D056-10-5	8	-05	7.9	5/16	M16x1.5	10	49.8	24.0	17	40.0
1D056-12-5	8	-05	7.9	5/16	M18x1.5	12	51.7	25.9	19	35.0
1D056-10-6	10	-06	9.5	3/8	M16x1.5	10	49.5	24.3	17	40.0
1D056-12-6	10	-06	9.5	3/8	M18x1.5	12	49.5	24.3	19	35.0
1D056-15-6	10	-06	9.5	3/8	M22x1.5	15	51.7	26.5	22	31.5
1D056-15-8	12	-08	12.7	1/2	M22x1.5	15	54.9	26.6	22	31.5
1D056-18-10	16	-10	15.9	5/8	M26x1.5	18	63.6	30.3	27	31.5
1D056-22-12	20	-12	19.0	3/4	M30x2	22	67.6	33.7	30	28.0
1D056-28-16	25	-16	25.4	1	M36x2	28	81.9	33.8	36	21.0

1C356 – Metric female swivel 24°/60°

Light series – Metric swivel nut

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

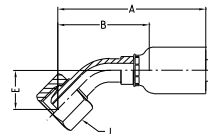


Part No. #	DN size mm inch				Connection type		A mm	B mm	J mm	Max. WP MPa
	DN	size	mm	inch	Thread size	Tube OD mm				
1C356-6-3	5	-03	4.8	3/16	M12x1.5	6	37.4	19.7	14	25.0
1C356-8-4	6	-04	6.4	1/4	M14x1.5	8	44.1	19.6	17	25.0
1C356-10-4	6	-04	6.4	1/4	M16x1.5	10	45.0	20.0	19	25.0
1C356-10-5	8	-05	7.9	5/16	M16x1.5	10	46.1	20.3	19	25.0
1C356-12-5	8	-05	7.9	5/16	M18x1.5	12	47.0	12.1	22	25.0
1C356-10-6	10	-06	9.5	3/8	M16x1.5	10	45.8	20.6	19	25.0
1C356-12-6	10	-06	9.5	3/8	M18x1.5	12	46.6	21.4	22	25.0
1C356-15-8	12	-08	12.7	1/2	M22x1.5	15	49.6	21.2	27	25.0
1C356-18-12	20	-12	19.0	3/4	M26x1.5	18	57.6	23.7	32	16.0
1C356-22-12	20	-12	19.0	3/4	M30x2	22	60.4	26.5	36	16.0

518C • 520N/528N • 53DM • 540N • 550H • 55LT •
560TJ • 580N/588N • 590TJ • 53DM • 2040N • 2040H

Hose Fittings
1C456 – 1C556

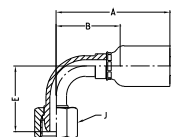
1C456 – Metric female swivel 24°/60° 45° elbow – Light series – Metric swivel nut



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	E mm	J mm	Max. WP MPa
	DN	size	mm	inch	Thread size	Tube OD mm					
1C456-6-3	5	-03	4.8	3/16	M12x1.5	6	57.0	40.0	16	14	25.0
1C456-8-4	6	-04	6.4	1/4	M14x1.5	8	60.0	35.8	14	17	25.0
1C456-10-5	8	-05	7.9	5/16	M16x1.5	10	62.0	37.0	15	19	25.0
1C456-12-6	10	-06	9.5	3/8	M18x1.5	12	72.5	47.0	18	22	25.0
1C456-15-8	12	-08	12.7	1/2	M22x1.5	15	76.1	47.7	19	27	25.0

1C556 – Metric female swivel 24°/60° 90° elbow – Light series – Metric swivel nut



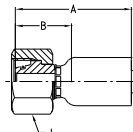
MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	E mm	J mm	Max. WP MPa
	DN	size	mm	inch	Thread size	Tube OD mm					
1C556-6-3	5	-03	4.8	3/16	M12x1.5	6	48.0	30.3	30.0	14	25.0
1C556-8-4	6	-04	6.4	1/4	M14x1.5	8	53.0	28.0	26.0	17	25.0
1C556-10-4	6	-04	6.4	1/4	M16x1.5	10	53.0	28.0	27.0	19	25.0
1C556-10-5	8	-05	7.9	5/16	M18x1.5	10	66.0	40.0	33.0	19	25.0
1C556-10-6	10	-06	9.5	3/8	M16x1.5	10	63.0	38.0	33.3	19	25.0
1C556-12-6	10	-06	9.5	3/8	M18x1.5	12	63.0	38.0	34.0	22	25.0
1C556-15-8	12	-08	12.7	1/2	M22x1.5	15	96.8	68.4	39.0	27	25.0



1C956 – Metric female swivel 24° with O-ring

Heavy series – Metric swivel nut – ISO 12151-2

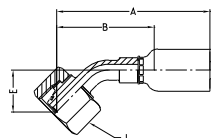


MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	J mm	Max. WP MPa
					Thread size	Tube OD mm				
										
1C956-8-3	5	-03	4.8	3/16	M16x1.5	8	40.5	22.8	19	63.0
1C956-8-4	6	-04	6.4	1/4	M16x1.5	8	48.0	23.0	19	63.0
1C956-10-4	6	-04	6.4	1/4	M18x1.5	10	47.5	23.0	22	63.0
1C956-12-4	6	-04	6.4	1/4	M20x1.5	12	48.4	23.9	24	63.0
1C956-10-5	8	-05	7.9	5/16	M18x1.5	10	48.8	23.0	22	63.0
1C956-12-5	8	-05	7.9	5/16	M20x1.5	12	49.7	23.9	24	63.0
1C956-12-6	10	-06	9.5	3/8	M20x1.5	12	49.4	24.2	24	63.0
1C956-14-6	10	-06	9.5	3/8	M22x1.5	14	49.3	24.1	27	63.0
1C956-16-8	12	-08	12.7	1/2	M24x1.5	16	55.7	27.3	30	42.0
1C956-25-12	20	-12	19.0	3/4	M36x2	25	66.0	32.1	46	42.0

10C56 – Metric female swivel 24° with O-ring

45° elbow – 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	E mm	J mm	Max. WP MPa
	DN	size	mm	inch	Thread size	Tube OD mm					
											
10C56-8-3	5	-03	4.8	3/16	M16x1.5	8	59.0	41.0	18.0	19	63.0
10C56-10-4	6	-04	6.4	1/4	M18x1.5	10	63.8	39.3	17.0	22	63.0
10C56-12-5	8	-05	7.9	5/16	M20x1.5	12	98.7	42.9	17.2	24	63.0
10C56-12-6	10	-06	9.5	3/8	M20x1.5	12	74.6	49.4	20.0	24	63.0
10C56-16-8	12	-08	12.7	1/2	M24x1.5	16	79.5	51.0	23.0	30	42.0

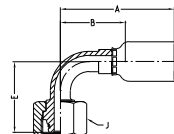
518C • 520N/528N • 53DM • 540N • 550H • 55LT •
560TJ • 580N/588N • 590TJ • 53DM • 2040N • 2040H

Hose Fittings
11C56 – 1D256

11C56 – Metric female swivel 24° with O-ring

90° elbow – Heavy series – Metric swivel nut – ISO 12151-2

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

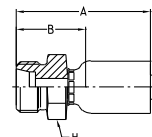


Part No. #	DN size mm inch				Connection type		A mm	B mm	E mm	J mm	Max. WP MPa
					Thread size	Tube OD mm					
11C56-8-3	5	-03	4.8	3/16	M16x1.5	8	48	30.3	28.5	19	63.0
11C56-10-4	6	-04	6.4	1/4	M18x1.5	10	53	29.0	22.0	22	63.0
11C56-12-5	8	-05	7.9	5/16	M20x1.5	12	65	39.0	31.0	24	63.0
11C56-12-6	10	-06	9.5	3/8	M20x1.5	12	63	38.0	37.0	24	63.0
11C56-16-8	12	-08	12.7	1/2	M24x1.5	16	68	39.6	45.0	30	42.0

1D256 – Metric male 24°

Heavy series – ISO 12151-2

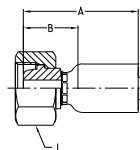
MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.



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 mm				
										
1D256-8-3	5	-03	4.8	3/16	M16x1.5	8	42.4	24.7	17	63.0
1D256-10-4	6	-04	6.4	1/4	M18x1.5	10	51.5	27.0	19	63.0
1D256-10-5	8	-05	7.9	5/16	M18x1.5	10	52.8	27.0	19	63.0
1D256-12-5	8	-05	7.9	5/16	M20x1.5	12	52.8	27.0	22	63.0
1D256-12-6	10	-06	9.5	3/8	M20x1.5	12	52.6	27.4	22	63.0
1D256-14-6	10	-06	9.5	3/8	M22x1.5	14	56.4	31.2	22	63.0
1D256-16-6	10	-06	9.5	3/8	M24x1.5	16	56.4	31.2	24	42.0
1D256-16-8	12	-08	12.7	1/2	M24x1.5	16	59.7	31.3	24	42.0
1D256-20-12	20	-12	19.0	3/4	M30x2	20	72.1	38.2	30	42.0

1C656 – Metric female swivel 24°/60°

Heavy series – Metric swivel nut

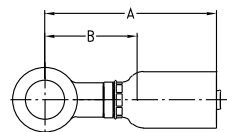


MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

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 				
1C656-8-3	5	-03	4.8	3/16	M16x1.5	8	38.1	20.4	19	63.0
1C656-10-4	6	-04	6.4	1/4	M18x1.5	10	46.6	22.1	22	63.0
1C656-12-5	8	-05	7.9	5/16	M20x1.5	12	49.6	23.8	24	63.0
1C656-12-6	10	-06	9.5	3/8	M20x1.5	12	49.3	24.1	24	63.0
1C656-14-6	10	-06	9.5	3/8	M22x1.5	14	48.6	23.4	27	63.0
1C656-16-8	12	-08	12.7	1/2	M24x1.5	16	53.3	24.9	30	40.0
1C656-20-12	20	-12	19.0	3/4	M30x2	20	61.0	37.0	36	40.0

14956 – Banjo union

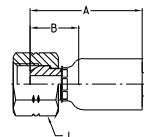
DIN 7642



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 
	DN	size	mm	inch				
14956-14-3	5	-03	4.8	3/16	14	48.5	30.8	20.0
14956-12-4	6	-04	6.4	1/4	12	52.5	28.0	20.0
14956-14-4	6	-04	6.4	1/4	14	56.0	32.0	20.0
14956-12-5	8	-05	7.9	5/16	12	54.0	29.0	20.0
14956-14-5	8	-05	7.9	5/16	14	56.3	30.5	20.0
14956-17-6	10	-06	9.5	3/8	17	54.5	29.3	20.0

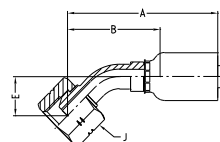
19256 – BSP female swivel 60° cone



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

Part No. #	DN size mm inch				Connection type		A mm	B mm	J mm	Max. WP MPa
	DN	size	mm	inch	Thread size	Tube OD inch				
19256-4-3	5	-03	4.8	3/16	G1/4	1/4	34.8	17.1	19	63.0
19256-4-4	6	-04	6.4	1/4	G1/4	1/4	41.8	17.3	19	63.0
19256-6-4	6	-04	6.4	1/4	G3/8	3/8	44.9	20.4	22	55.0
19256-4-5	8	-05	7.9	5/16	G1/4	1/4	47.1	21.3	19	63.0
19256-6-5	8	-05	7.9	5/16	G3/8	3/8	46.2	20.4	22	55.0
19256-6-6	10	-06	9.5	3/8	G3/8	3/8	45.9	20.7	22	55.0
19256-8-6	10	-06	9.5	3/8	G1/2	1/2	48.0	22.8	27	43.0
19256-8-8	12	-08	12.7	1/2	G1/2	1/2	51.2	22.8	27	43.0
19256-12-12	20	-12	19.0	3/4	G3/4	3/4	60.3	26.4	32	35.0
19256-16-16	25	-16	25.4	1	G1	1	73.6	25.5	41	28.0

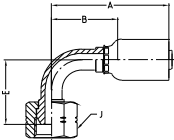
1B156 – BSP female swivel 60° cone 45° elbow



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

Part No. #	DN size mm inch				Connection type		A mm	B mm	E mm	J mm	Max. WP MPa
	DN	size	mm	inch	Thread size	Tube OD inch					
1B156-4-3	5	-03	4.8	3/16	G1/4	1/4	57	39.3	15.5	19	63.0
1B156-4-4	6	-04	6.4	1/4	G1/4	1/4	62	38.0	15.0	19	63.0
1B156-6-5	8	-05	7.9	5/16	G3/8	3/8	65	39.0	17.0	22	55.0
1B156-6-6	10	-06	9.5	3/8	G3/8	3/8	67	42.0	17.0	22	55.0
1B156-8-8	12	-08	12.7	1/2	G1/2	1/2	77	48.0	20.0	27	43.0

1B256 – BSP female swivel 60° cone
90° elbow



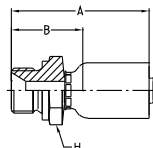
MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN				Connection type		A mm	B mm	E mm	J mm	Max. WP MPa
	size	mm	inch	Thread size	Tube OD inch						
											
1B256-4-3	5	-03	4.8	3/16	G1/4	1/4	48.0	30.3	28.0	19	63.0
1B256-4-4	6	-04	6.4	1/4	G1/4	1/4	53.0	29.0	28.0	19	63.0
1B256-6-5	8	-05	7.9	5/16	G3/8	3/8	55.0	30.0	30.4	22	55.0
1B256-6-6	10	-06	9.5	3/8	G3/8	3/8	66.0	41.0	33.0	22	55.0
1B256-8-8	12	-08	12.7	1/2	G1/2	1/2	70.1	41.7	40.5	27	43.0
1B256-12-12	20	-12	19.0	3/4	G3/4	3/4	92.5	58.0	52.2	32	35.0
1B256-16-16	25	-16	25.4	1	G1	1	125.0	77.0	68.5	41	28.0

518C • 520N/528N • 53DM • 540N • 550H • 55LT •
560TJ • 580N/588N • 590TJ • 53DM • 2040N • 2040H

Hose Fittings
1D956 – 10156

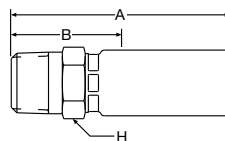
1D956 – BSP male DIN 3852 Form A



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 inch				
1D956-4-3	5	-03	4.8	3/16	G1/4	1/4	44.4	26.7	19	63.0
1D956-4-4	6	-04	6.4	1/4	G1/4	1/4	51.5	27.0	19	63.0
1D956-6-5	8	-05	7.9	5/16	G3/8	3/8	53.0	27.2	22	55.0
1D956-6-6	10	-06	9.5	3/8	G3/8	3/8	52.9	27.7	22	55.0
1D956-8-8	12	-08	12.7	1/2	G1/2	1/2	60.0	31.6	27	43.0
1D956-12-12	20	-12	19.0	3/4	G3/4	3/4	75.1	41.2	32	35.0
1D956-16-16	25	-16	25.4	1	G1	1	90.5	42.4	41	28.0

10156 – National Pipe Tapered (NPT) male

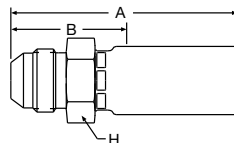


MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	H mm	Max. WP MPa
	DN	size	mm	inch	Thread size	Tube OD inch				
10156-2-2	3	-02	3.2	1/8	1/8 - 27NPTF	1/8	35.0	18.0	13	34.5
10156-2-3-SM	5	-03	4.8	3/16	1/8 - 27 NPTF	1/8	40.4	22.7	14	83.0
10156-4-3-SM	5	-03	4.8	3/16	1/4 - 18 NPTF	1/4	44.9	27.2	17	34.5
10156-4-4-SM	6	-04	6.4	1/4	1/4 - 18 NPTF	1/4	52.0	27.5	17	34.5
10156-4-5-SM	8	-05	7.9	5/16	1/4 - 18 NPTF	1/4	53.5	27.3	17	34.5
10156-4-6-SM	10	-06	9.5	3/8	1/4 - 18 NPTF	1/4	55.0	27.8	17	34.5
10156-6-6-SM	10	-06	9.5	3/8	3/8 - 18 NPTF	3/8	55.0	29.8	19	27.5
10156-8-8-SM	12	-08	12.7	1/2	1/2 - 14 NPTF	1/2	63.0	34.6	24	24.0
10156-12-12-SM	20	-12	19.0	3/4	3/4 - 14 NPTF	3/4	75.4	41.5	32	21.0
10156-16-16-SM	25	-16	25.4	1	1 - 11 1/2 NPTF	1	93.6	45.5	41	17.0



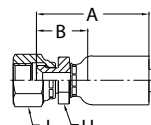
10356 – SAE (JIC) 37° male



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

Part No. #	DN size mm inch				Connection type		A mm	B mm	H mm	Max. WP MPa
	DN	size	mm	inch	Thread size 	Tube OD inch 				
10356-4-4-SM	6	-04	6.4	1/4	7/16 - 20 UNF	1/4	51.3	26.8	14	41.0
10356-5-5-SM	8	-05	7.9	5/16	1/2 - 20 UNF	5/16	52.5	26.7	14	41.0
10356-6-6-SM	8	-05	7.9	5/16	9/16 - 18 UNF	3/8	54.8	29.0	19	34.5
10356-6-6-SM	10	-06	9.5	3/8	9/16 - 18 UNF	3/8	54.6	29.4	19	34.5
10356-8-6-SM	10	-06	9.5	3/8	3/4 - 16 UNF	1/2	57.2	37.0	22	34.5
10356-8-8-SM	12	-08	12.7	1/2	3/4 - 16 UNF	1/2	60.5	32.1	22	34.5

10656 – SAE (JIC) 37° female swivel UNF swivel nut



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

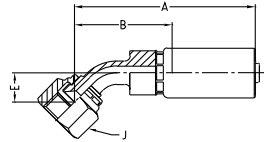
Part No. #	DN size mm inch				Connection type		A mm	B mm	H mm	J mm	Max. WP MPa
	DN	size	mm	inch	Thread size 	Tube OD inch 					
10656-4-2	3	-02	3.2	1/8	7/16 - 20UNF	1/4	33	16.0	13	17	41.0
10656-4-3-SM	5	-03	4.8	3/16	7/16 - 20 UNF	1/4	45.2	27.5	12	17	41.0
10656-4-4-SM	6	-04	6.4	1/4	7/16 - 20 UNF	1/4	52.0	27.5	14	17	41.0
10656-5-4-SM	6	-04	6.4	1/4	1/2 - 20 UNF	5/16	53.7	29.2	14	17	41.0
10656-6-4-SM	6	-04	6.4	1/4	9/16 - 18 UNF	3/8	54.2	29.7	14	19	34.5
10656-5-5-SM	8	-05	7.9	5/16	1/2 - 20 UNF	5/16	56.0	20.3	14	17	41.0
10656-6-5-SM	8	-05	7.9	5/16	9/16 - 18 UNF	3/8	56.6	30.8	14	19	34.5
10656-6-6-SM	10	-06	9.5	3/8	9/16 - 18 UNF	3/8	56.3	31.2	17	19	34.5
10656-8-6-SM	10	-06	9.5	3/8	3/4 - 16 UNF	1/2	60.2	35.0	19	22	34.5
10656-8-8-SM	12	-08	12.7	1/2	3/4 - 16 UNF	1/2	64.4	36.0	22	22	34.5
10656-10-8-SM	12	-08	12.7	1/2	7/8 - 14 UNF	5/8	67.1	38.8	22	27	34.5
10656-12-12-SM	20	-12	19.0	3/4	1 1/16-12 UNF	3/4	77.8	43.9	27	32	34.5
10656-16-16-SM	25	-16	25.4	1	1 5/16 - 12 UNF	1	97.0	48.9	32	41	27.5

518C • 520N/528N • 53DM • 540N • 550H • 55LT •
560TJ • 580N/588N • 590TJ • 53DM • 2040N • 2040H

Hose Fittings
13756 – 13956

13756 – SAE (JIC) 37° female swivel 45° elbow – UNF swivel nut

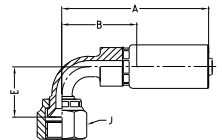
MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.



Part No. #	DN size mm inch				Connection type		A mm	B mm	E mm	J mm	Max. WP MPa
	DN	size	mm	inch	Thread size	Tube OD inch					
13756-4-3-SM	5	-03	4.8	3/16	7/16 - 20 UNF	1/4"	55.4	37.7	10	17	41.0
13756-4-4-SM	6	-04	6.4	1/4	7/16 - 20 UNF	1/4"	55.8	31.3	10	17	41.0
13756-6-6-SM	10	-06	9.5	3/8	9/16 - 18 UNF	3/8"	65.0	40.1	11	19	34.5
13756-8-8-SM	12	-08	12.7	1/2	3/4 - 16 UNF	1/2"	69.2	40.8	15	22	34.5
13756-16-16-SM	25	-16	25.4	1	1 5/16 - 12 UNF	1"	120.0	72.0	24	41	27.5

13956 – SAE (JIC) 37° female swivel 90° elbow – UNF swivel nut

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



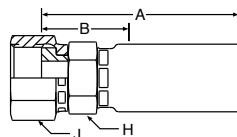
Part No. #	DN size mm inch				Connection type		A mm	B mm	E mm	J mm	Max. WP MPa
	DN	size	mm	inch	Thread size	Tube OD inch					
13956-4-3-SM	5	-03	4.8	3/16	7/16 - 20 UNF	1/4"	44.4	26.7	21	17	41.0
13956-4-4-SM	6	-04	6.4	1/4	7/16 - 20 UNF	1/4"	51.0	26.5	21	17	41.0
13956-6-4-SM	6	-04	6.4	1/4	9/16 - 18 UNF	3/8"	51.0	26.5	23	19	34.5
13956-6-6-SM	10	-06	9.5	3/8	9/16 - 18 UNF	3/8"	56.0	30.7	23	19	34.5
13956-8-6-SM	10	-06	9.5	3/8	3/4 - 16 UNF	1/2"	65.0	39.5	29	22	34.5
13956-8-8-SM	12	-08	12.7	1/2	3/4 - 16 UNF	1/2"	63.0	34.6	29	22	34.5
13956-10-8-SM	12	-08	12.7	1/2	7/8 - 14 UNF	5/8"	71.0	42.0	32	27	34.5
13956-16-16-SM	25	-16	25.4	1	1 5/16 - 12 UNF	1"	110.8	63.0	56	41	27.5



1JC56 – O-Lok® ORFS swivel nut

Short version – UNF swivel nut – ISO 12151-1

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

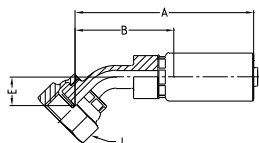


Part No. #	DN				Connection type		A mm	B mm	H mm	J mm	Max. WP MPa
	size	mm	inch	Thread size	Tube OD inch						
											
1JC56-4-3-SM	5	-03	4.8	3/16	9/16 - 18 UNF	1/4	39.0	21.3	14	17	41.0
1JC56-4-4-SM	6	-04	6.4	1/4	9/16 - 18 UNF	1/4	46.6	22.1	14	17	41.0
1JC56-6-4-SM	6	-04	6.4	1/4	11/16 - 16 UNF	3/8	50.0	25.0	17	22	41.0
1JC56-6-5-SM	8	-05	7.9	5/16	11/16 - 16 UNF	3/8	51.1	25.3	17	22	41.0
1JC56-6-6-SM	10	-06	9.5	3/8	11/16 - 16 UNF	3/8	50.8	25.6	17	22	41.0
1JC56-8-6-SM	10	-06	9.5	3/8	13/16 - 16 UNF	1/2	53.1	27.9	22	24	41.0
1JC56-8-8-SM	12	-08	12.7	1/2	13/16 - 16 UNF	1/2	54.2	25.8	22	24	41.0
1JC56-10-8-SM	12	-08	12.7	1/2	1 - 14 UNF	5/8	58.5	30.1	27	30	41.0
1JC56-16-16-SM	25	-16	25.4	1	1 7/16 - 12 UNF	1	81.6	34.0	32	41	41.0

1J756 – O-Lok® ORFS swivel nut

45° elbow – UNF swivel nut – ISO 12151-1

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



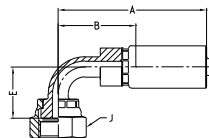
Part No. #	DN size mm inch				Connection type		A mm	B mm	E mm	J mm	Max. WP MPa
	Thread size	Tube OD inch									
											
1J756-4-3-SM	5	-03	4.8	3/16	9/16 - 18 UNF	1/4	50.9	33.2	10	17	41.0
1J756-4-4-SM	6	-04	6.4	1/4	9/16 - 18 UNF	1/4	56.4	31.9	10	17	41.0
1J756-6-6-SM	10	-06	9.5	3/8	11/16 - 16 UNF	3/8	59.3	34.1	11	22	41.0
1J756-8-8-SM	12	-08	12.7	1/2	13/16 - 16 UNF	1/2	69.2	40.8	15	24	41.0

518C • 520N/528N • 53DM • 540N • 550H • 55LT •
560TJ • 580N/588N • 590TJ • 53DM • 2040N • 2040H

Hose Fittings
1J956 – 1J056

1J956 – O-Lok® ORFS swivel nut

90° elbow – UNF swivel nut – ISO 12151-1

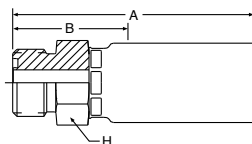


MATERIAL Galvanised steel with transparent Cr(VI)-free plating.
Other materials available on request.

Part No. #	DN size mm inch				Connection type		A mm	B mm	E mm	J mm	Max. WP MPa
	DN	size	mm	inch	Thread size	Tube OD inch					
1J956-4-3-SM	5	-03	4.8	3/16	9/16 - 18 UNF	1/4	46.0	28.3	21	17	41.0
1J956-4-4-SM	6	-04	6.4	1/4	9/16 - 18 UNF	1/4	54.0	26.5	21	17	41.0
1J956-6-4-SM	6	-04	6.4	1/4	11/16 - 16 UNF	3/8	54.5	30.0	23	22	41.0
1J956-6-5-SM	8	-05	7.9	5/16	11/16 - 16 UNF	3/8	57.8	32.0	23	22	41.0
1J956-6-6-SM	10	-06	9.5	3/8	11/16 - 16 UNF	3/8	56.3	31.1	23	22	41.0
1J956-8-8-SM	12	-08	12.7	1/2	13/16 - 16 UNF	1/2	63.0	34.6	29	24	41.0
1J956-10-8-SM	12	-08	12.7	1/2	1 - 14 UNF	5/8	71.0	42.0	32	30	41.0
1J956-12-12-SM	20	-12	19.0	3/4	1 3/16 - 12 UNF	3/4	99.0	65.0	48	36	41.0
1J956-16-16-SM	25	-16	25.4	1	1 7/16 - 12 UNF	1	110.8	63.0	56	41	41.0

1J056 – O-Lok® ORFS male

ISO 12151-1



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 inch				
1J056-4-4-SM	6	-04	6.4	1/4	9/16 - 18 UNF	1/4	42.9	24.7	17	41.0
1J056-6-6-SM	10	-06	9.5	3/8	11/16 - 16 UNF	3/8	52.3	28.1	19	41.0
1J056-8-6-SM	10	-06	9.5	3/8	13/16 - 16 UNF	1/2	54.6	29.4	22	41.0
1J056-8-8-SM	12	-08	12.7	1/2	13/16 - 16 UNF	1/2	55.4	27.0	22	41.0