

D-lok[®] Tube Fittings

for Inches 



D-lok

Information

DD-lok is a leading tube fitting manufacturer with production facilities equipped with the most modern technology available today

We provide affordable high-quality products for industries worldwide who have interests in marine vessels, nuclear power plants, process plants, pulp and paper mills, and offshore oil production.

Quality Assurance

Our policy is to provide excellent customer support and service while being dedicated to manufacturing an affordable high quality product.

Through every process, from manufacturing to technical support, each team member strives to maintain our quality standards.

Hardness Information

In general, metal tubing should be fully annealed to work properly with D-LOK tube fittings.

While most stainless steel tubing is restricted to a maximum ROCKWELL HARDNESS of Rb90, many users specify that this hardness be further restricted to Rb80.

Such tubing lowers the installed cost because it is more easily bent and installed.

While D-LOK stainless steel tube fittings may be used on stainless steel tubing with a hardness of Rb90 maximum, we suggest that whenever possible, specify a maximum hardness of Rb80. Refer to Table 1 on this page for working pressures of tubing by material and size.



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Note

When ordering tubing, remember, tube fittings are designed to be used on similar tube materials, (i.e. stainless on stainless, brass on copper, steel on steel, etc)

Interchangeability

D-lok tube fittings are manufactured to be completely interchangeable with other leading tube fitting manufacturers.

Testing and the exceptional quality of the products assure 100% reliability when intermixing component parts of compatible makes and brands.

Caution

Use of dissimilar fitting and tube materials can lead to a dangerous situation!

Wall Thickness

The wall thickness selection should be based on the operating pressure, temperature, and shock conditions.

Tube Selection

Proper tubing selection is essential to the performance of a tubing system.

Consider a systems pressure, flow, temperature, environment, and compatibility with the process fluids when choosing the tubing material, size, and wall thickness.



Inspection and Testing

At D-lok, we supply thoroughly inspected and tested high quality products to meet the needs of our clients. All tests are performed in accordance to the specifications provided by our client as well as the American Society for Testing and Materials (ASTM)

Limited Lifetime Warranty

D-lok warrants to the purchaser that D-lok tube fittings are free from defects in materials and workmanship and will perform substantially in accordance with the product specifications. This warranty is extended to Individual components as well as complete assemblies; provided they are in compliance with product installation and operation instructions. Defects resulting from operator abuse, negligence, misapplication; failure to install, adjust, and operate according to manufacturer instructions will not be covered.

If the product should become defective during the warranty period, D-lok will replace it free of charge, provided the defective component is returned along with date of purchase and statement of defect.

D-lok liability is limited to this written warranty. No other warranty is expressed or implied, nor does this warranty cover so-called incidental or consequential damages.

Table 1.

Maximum Allowable Working Pressure AT
Various Temperatures
Using Allowable Stress Factors Table 1.

°F	°C	Copper	304SS	316SS	Monel
200	93	0.80	1.00	1.00	0.88
400	204	0.50	0.93	0.96	0.79
600	316	-	0.82	0.85	0.79
800	427	-	0.76	0.79	0.76
1000	538	-	0.69	0.76	-
1200	649	-	0.30	0.37	-

To determine maximum allowable working pressure at elevated temperatures, multiply working pressure from tables 2,3, and 4 by factor shown in Table 1.

EXAMPLE:
Type 316SS 3/8" O.D. X 0.035"
wall at 1200°F 3300 psi x 0.37 = 1221 psi

Allowable working pressure for
3/8" O.D. x 0.035" wall type 316SS tubing is therefore
1221 psi at 1200°F.

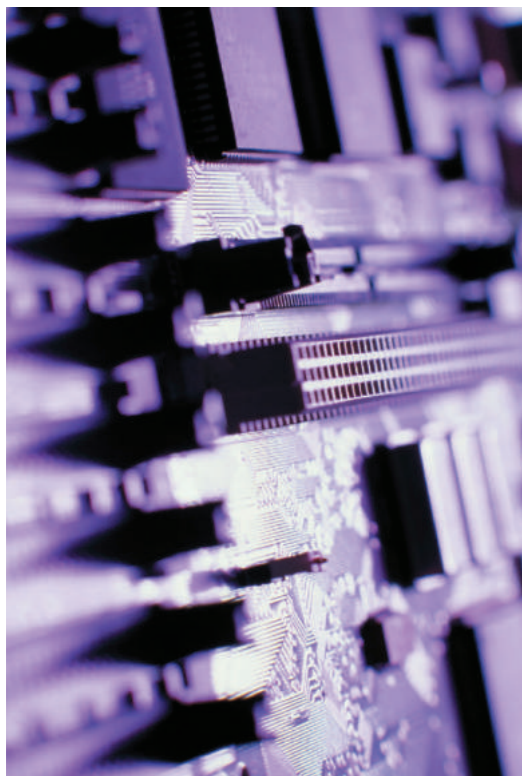


Table 2.

COPPER TUBING

High quality soft annealed seamless copper tubing ASTM B-75 or equivalent.

Tube O.D (millimeters)	TUBE WALL THICKNESS (millimeters)							
	0.028	0.035	0.049	0.065	0.083	0.095	0.109	0.120
3	2700	3600						
4	1800	2300	3400					
6	1300	1600	2500	3500				
8		1300	1900	2700				
10		1000	1600	2200				
12		800	1100	1600	2100			
14			900	1200	1600	1900		
16			700	1000	1300	1500	1800	
18			600	800	1100	1300	1500	
22			500	700	900	1100	1300	1500

Allowable Stress = 6,500 psi between -20°F and 100°F
Safety Factor = 5 (considering tensile strength to be 30,000 psi at room temperature)

* working pressure(psi)

Table 3.

STAINLESS STEEL TUBING

Fully annealed high quality (Type 304, 316, etc.) (Seamless or Welded) Stainless Steel hydraulic tubing ASTM A-269 or A-213 or equivalent.
Hardness = Rb80 or less
Tubing free of scratches, suitable for bending and flaring.

Tube O.D (millimeters)	TUBE WALL THICKNESS (inches)												
	.010	.012	.014	.016	.020	.028	.035	.049	.065	.083	.095	.109	.120
3	5600	6800	8100	9400	12000								
4						8500	10900						For Seamless Tubing
6						8400	7000	10200					
8						4000	5100	7500	10200				
10							4000	5800	8000				
12							3300	4800	6500				
14							2400	3500	4700	6200			
16								2900	4000	5200	6000		
18								2400	3300	4200	4900	5800	
22								2000	2800	3600	4200	4800	
25									2400	3100	3600	4200	4700

Allowable Stress = 19,500 psi between -20°F and 100°F
Safety Factor = 4 (considering tensile strength to be 75,000 psi at room temperature)

* working pressure(psi)

Table 4.

MONEL TUBING

Fully annealed quality Seamless MONEL400 hydraulic tubing ASTM B-165 or equivalent.
Hardness = Rb75
tubing free of scratches, suitable for bending and flaring.

Tube O.D (inch)	TUBE WALL THICKNESS (inches)							
	0.028	0.035	0.049	0.065	0.083	0.095	0.109	0.120
1/83	7900	10100						
1/4	3700	4800	7000	9500				
3/8		3100	4400	6100				
1/2		2300	3200	4400				
3/4			2200	3000	4000	4600		
1				2200	2900	3400	3900	4300

Allowable Stress = 18,500 psi between -20°F and 100°F
Safety Factor = 4 (considering tensile strength to be 70,000 psi at room temperature)

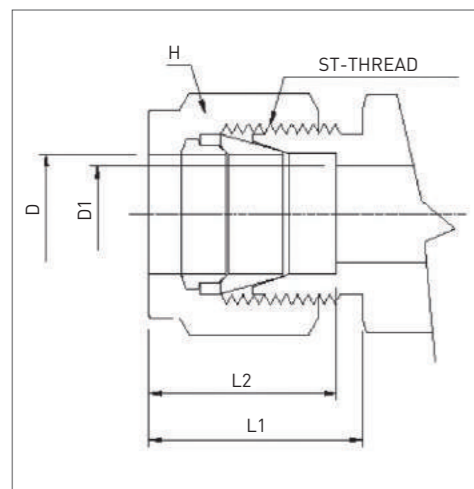
* working pressure(psi)

Features

D-lok tube fittings have been specifically designed for use on instrumentation, process and control systems, equipment employed in chemical, petroleum, nuclear power generation, and pulp and paper plants. The D-lok tube fitting has also found extensive application in other fields where a very high quality tube fitting is required.

Construction and Materials

D-lok tube fittings are sequential phase-controlled action, sealing and gripping devices. Superior design, rigid manufacturing tolerances, and strict quality assurance programs produce an all-metal sealing and holding device which performs leak-free when properly installed. D-lok tube fittings consist of a body, a nut, and ferrules and are constructed of one of the following materials: brass, 316/304 stainless steel, steel, nickel alloy, monel, or inconel. Straight fittings are machined from cold finished bar stock and shaped bodies are machined from close grain forgings. The materials used, fully conform to the chemical requirements of one or more of the specifications listed in Table 5 on this page. Nut internals are supplied standard with silver plating. For nuclear and other critical applications, stainless steel D-lok tube fittings are readily available with documented heat code traceability.



Tube End Dimensional Data						
Size	Tube O.D.	Straight Thread	Minimum Opening	Tube Insertion Depth	Finger-Tight	Hexagonal
NO	D	ST	D1	L1	L2	H
1	1/16	10-321	0.05	0.34	0.43	5/16
2	1/8	5/16-20	0.09	0.50	0.60	7/16
3	3/16	3/8-20	0.12	0.54	0.63	1/2
4	1/4	7/16-20	0.19	0.60	0.70	9/16
5	5/16	1/2-20	0.25	0.64	0.73	5/8
6	3/8	9/16-20	0.28	0.66	0.76	11/16
8	1/2	3/4-20	0.41	0.90	0.86	7/8
10	5/8	7/8-20	0.50	0.96	0.86	1
12	3/4	1-20	0.62	0.96	0.86	1.1/8
14	7/8	1.1/8-20	0.72	1.02	0.86	1.1/4
16	1	1.5/16-20	0.88	1.23	1.04	1.1/2

Table 5.

Typical Raw Material Specifications			
Type of Material	Bar Stock	Forging	Tube Specification
Brass	ASTM B16 ASTM B453 ALLOY 360 ALLOY 345	ASIM B124 ALLOY 377	ASTM B75 ASME SB75
	JIS H3250 C3604	JIS H3250 C3771	JIS H3300
Stainless Steel	ASTM A479 ASME SA479, ASTM A276 ALLOY S30400 (304) ALLOY S30403 (304L) ALLOY S31600 (316) ALLOT S31603 (316L)	ASWI A182 ASME SA182 F304 F304L F316 F316L	ASTM A213 ASME SA213 ASTM A249 ASTM A269 MIL T8504 MIL T8506
	JIS G4303 SUS 304 SUS 304L SUS 316 SUS 316L	JIS G3214 SUS 304 SUS 304L SUS 316 SUS 316L	JIS G3459
Steel	ASTM A108	ASTM A576	SAE J524B SAE J525B ASTM A179
	JIS G4051	JIS G3201	JIS G3452
Nickel Alloy Monel Inconel	ASTM B164	ASTM B164	ASTM B165
	ASTM B166 ASTM SB166	ASTM B564	ASTM B163

How to Order

Nomenclature			
DL	BCF	4-4	SS
D-lok	Fitting Type* (Bulkhead Connector, Female)	Tube O.D. in sixteenths of an inch 1/4" O.D.	Material*** SS304=Stainless Steel, Type 304 SS316=Stainless Steel, Type 316 B = Brass S = Steel M = Monel IN=Inconel
		Pipe Size in sixteenths of an inch 1/4"NPT	
		Fitting Size**	
* See Table 7 for fitting type designators. ** See Table 6 for fitting size information. *** See Table 5 for information on materials used			

D-lok tube fittings listed in this catalog are ordered by part number. The D-lok part numbering system consists of identifiers representing size and style of the fitting and materials used. The part number describes fittings that are completely assembled; with reference to the tubing outside diameter (O.D.) first, then followed by the pipe size, in the largest end is indicated first.

Table 6.









Fitting Sizes		
Identifier	Tube O.D.	P-NPT or Tube O.D.
1-1	1/16	1/16
2-2	1/8	1/8
2-4	1/8	1/4
3-2	3/16	1/8
3-4	3/16	1/4
4-2	1/4	1/8
4-4	1/4	1/4
4-6	1/4	3/8
4-8	1/4	1/2
5-2	5/16	1/8
5-4	5/16	1/4
6-2	3/8	1/8
6-4	3/8	1/4
6-6	3/8	3/8
6-8	3/8	1/2
8-4	1/2	1/4
8-6	1/2	3/8
8-8	1/2	1/2
8-12	1/2	3/4
10-6	5/8	3/8
10-8	5/8	1/2
10-12	5/8	3/4
12-8	3/4	1/2
12-12	3/4	3/4
14-12	7/8	3/4
14-16	7/8	1
16-12	1	3/4
16-16	1	1

Table 7.







Fitting Type Designator	
Identifier	Description
DLAA	Adaptor, AN
DLAF	Adaptor, Female
DLAM	Adaptor, Male
DLBTF	Branch Tee, Female
DLBTM	Branch Tee, Male
DLBA	Bulkhead Adaptor
DLBCF	Bulkhead Connector, Female
DLBCM	Bulkhead Connector, Male
DLBU	Bulkhead Union
DLBUA	Bulkhead Union, AN
DLC	Cap
DLCB	Connector, Butt weld
DLCF	Connector, Female
DLCM	Connector, Male
DLCW	Connector, Socket weld
DLCOM	Connector, 'O' Seal Pipe Thread, Male
DLCOS	Connector, 'O' Seal Straight Thread
DLEB	Elbow; Butt weld
DLEF	Elbow, Female
DLEM	Elbow, Male
DLE 45M	Elbow, 45 Degree, Male
DLEW	Elbow, Socket weld
DLFB	Ferrule, Back
DLEF	Ferrule, Front
DLFS	Ferrule, Set
DLN	Nut
DLP	Plug
DLPC	Part Connector
DLR	Reducer
DLRU	Reducing Union
DLRTF	Run Tee, Female
DLRTM	Run Tee, Male
DLU	Union
DLUA	Union, AN
DLUC	Union Cross
DLUE	Union Elbow
DLUT	Union Tee

VISUAL INDEX


UNION

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MALE THREAD

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	Bulkhead Connector, Male DLBCM	18		Run Tee, Male DLRTM	19




FEMALE THREAD

	Branch Tee, Female DLBTF	19		Connector, Female DLCF	20
	Bulkhead Connector Female DLBCF	20		Elbow, Female DLEF	21
	Run Tee, Female DLRTF	21			

ADAPTOR

	Adaptor AN DLAA	22		Adaptor, Male DLAM	22
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SOCKET AND BUTT WELD FITTING

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"O"SEAL (STRAIGHT THREAD)

	Connector, Pipe Thread, Male DLCOM	27		Connector, Straight Thread, Male DLCOS	27
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PLUG AND CAP

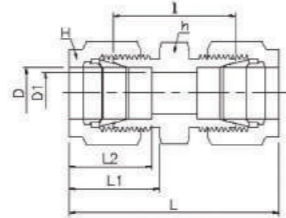
	Cap DLC	28		Plug DLP	28
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SPARE PART

	Ferrule, Set DLFS	29		Nut DLN	29
	Ferrule, Back DLFB	30		Ferrule, Front DLFF	30

UNION

DLU

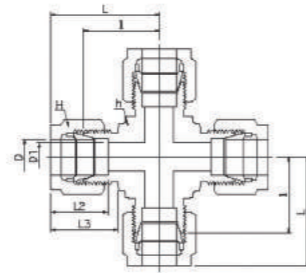


* These figures are for reference purposes only.

Part No.	TubeO.D D		D1 Min	Width across flat				L2	L1	I	L
	in	mm		h		H					
				in	mm	in	mm				
DLU-2	1/8	3.17	2.28	7/16	11.11	7/16	11.11	12.70	15.24	22.35	35.56
DLU-3	3/16	4.76	3.04	7/16	11.11	1/2	12.70	13.71	16.00	24.13	37.33
DLU-4	1/4	6.35	4.82	1/2	12.70	9/16	14.28	15.24	17.78	26.16	40.89
DLU-5	5/16	7.93	6.35	9/16	14.28	5/8	15.87	16.25	18.54	28.19	42.92
DLU-6	3/8	9.52	7.11	5/8	15.87	11/16	17.46	16.76	19.30	30.22	44.95
DLU-8	1/2	12.70	10.41	13/16	20.63	7/8	22.22	22.86	21.84	30.98	51.30
DLU-10	5/8	15.87	12.70	15/16	23.81	1	25.40	24.38	21.84	31.75	52.07
DLU-12	3/4	19.05	15.74	1-1/16	26.98	1-1/8	28.57	24.38	21.84	33.27	53.59
DLU-14	7/8	22.22	18.28	1-3/16	30.16	1-1/4	31.75	25.90	21.84	35.05	55.37
DLU-16	1	25.40	22.35	1-3/8	34.92	1-1/2	38.10	31.24	26.41	40.38	64.77

Union Cross

DLUC

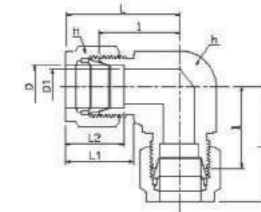


*These figures are for reference purposes only.

Part No.	TubeO.D D		D1 Min	Width across flat				L2	L3	I	L
	in	mm		h		H					
				in	mm	in	mm				
DLUC-1	1/16	1.59	1.27	3/8	9.52	5/16	7.93	8.63	10.92	14.00	17.88
DLUC-2	1/8	3.17	2.28	3/8	9.52	7/16	11.11	12.70	15.24	15.74	22.35
DLUC-3	3/16	4.76	3.04	1/2	12.70	1/2	12.70	13.71	16.00	17.78	24.38
DLUC-4	1/4	6.35	4.82	1/2	12.70	9/16	14.28	15.24	17.78	19.55	26.92
DLUC-5	5/16	7.93	6.35	9/16	14.28	5/8	15.67	16.25	18.54	21.33	28.70
DLUC-6	3/8	9.52	7.11	5/8	15.87	11/16	17.46	16.76	19.30	23.11	30.48
DLUC-8	1/2	12.70	10.41	13/16	20.64	7/8	22.22	22.86	21.84	25.90	36.06
DLUC-10	5/8	15.87	12.7	15/16	23.81	1	25.40	24.38	21.84	28.70	38.80
DLUC-12	3/4	19.05	15.74	1-1/16	26.98	1-1/8	28.58	24.38	21.84	29.71	39.87
DLUC-14	7/8	22.22	18.28	1-1/4	31.75	1-1/4	31.75	25.90	21.84	34.54	44.70
DLUC-16	1	25.40	22.35	1-27/64	36.12	1-1/2	38.10	31.24	26.41	36.83	49.02

Union Elbow

DLUE

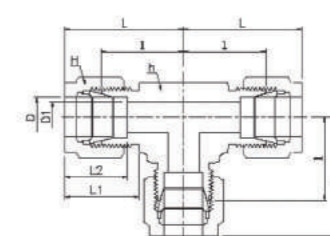


* These figures are for reference purposes only.

Part No.	TubeO.D D		D1 Min	Width across flat				L2	L1	I	L
	in	mm		h		H					
				in	mm	in	mm				
DLUE-2	1/8	3.17	2.28	3/8	9.52	7/16	11.11	12.70	15.24	15.74	22.35
DLUEB-3	3/16	4.76	3.04	1/2	12.70	1/2	12.70	13.71	16.00	17.78	24.38
DLUE-4	1/4	6.35	4.82	1/2	12.70	9/16	14.28	15.24	17.78	19.55	26.92
DLUE-5	5/16	7.93	6.35	9/16	14.28	5/8	15.87	16.25	18.54	21.33	28.70
DLUE-6	3/8	9.52	7.11	5/8	15.87	11/16	17.46	16.76	19.30	23.11	30.48
DLUE-8	1/2	12.70	10.41	13/16	20.63	7/8	22.22	22.86	21.84	25.90	36.06
DLUE-10	5/8	15.87	12.70	15/16	23.80	1	25.40	24.38	21.84	28.70	38.80
DLUE-12	3/4	19.05	15.74	1-1/16	26.98	1-1/8	28.57	24.38	21.84	29.71	39.87
DLUE-14	7/8	22.22	18.28	1-1/4	31.75	1-1/4	31.75	25.90	21.84	34.54	44.70
DLUE-16	1	25.40	22.35	1-27/64	36.12	1-1/2	38.10	31.24	26.41	36.83	49.02

Union Tee

DLUT

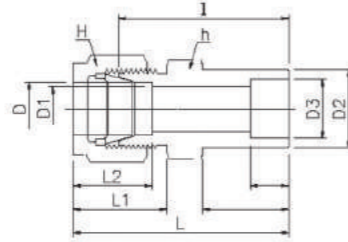


*These figures are for reference purposes only.

Part No.	TubeO.D D		D1 Min	Width across flat				L2	L1	I	L
	in	mm		h		H					
				in	mm	in	mm				
DLUT-2	1/8	3.17	2.28	3/8	9.52	7/16	11.11	12.70	15.24	15.74	22.35
DLUT-3	3/16	4.76	3.04	1/2	12.70	1/2	12.70	13.71	16.00	17.78	24.38
DLUT-4	1/4	6.35	4.82	1/2	12.70	9/16	14.28	15.24	17.78	19.55	26.92
DLUT-5	5/16	7.93	6.35	9/16	14.28	5/8	15.87	16.25	18.54	21.33	28.70
DLUT-6	3/8	9.52	7.11	5/8	15.87	11/16	17.46	16.76	19.30	23.11	30.48
DLUT-8	1/2	12.70	10.41	13/16	20.63	7/8	22.22	22.86	21.84	25.90	36.06
DLUT-10	5/8	15.87	12.70	15/16	23.80	1	25.40	24.38	21.84	28.70	38.80
DLUT-12	3/4	19.05	15.74	1-1/16	26.98	1-1/8	28.57	24.38	21.84	29.71	39.87
DLUT-14	7/8	22.22	18.28	1-1/4	31.75	1-1/4	31.75	25.90	21.84	34.54	44.70
DLUT-16	1	25.40	22.35	1-27/64	36.12	1-1/2	38.10	31.24	26.41	36.83	49.02

Connector, Socketweld

DLCW

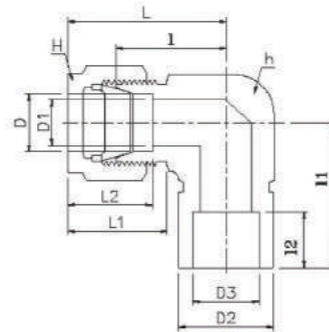


* These figures are for reference purposes only.

Part No.	Tube O.D D		D1 Min	D2	Width across flat				L2	L1	I	I1	I2	L
	D				h		H							
	in	mm			in	mm	in	mm						
DLCW 2-2	1/8	3.17	2.28	7.87	7/16	11.11	7/16	11.11	12.70	15.24	22.35	8.63	6.35	28.95
DLCW 4-4	1/4	6.35	4.82	11.17	1/2	12.70	9/16	14.28	15.24	17.78	26.16	10.41	7.87	33.52
DLCW 6-6	3/8	9.52	7.11	15.74	5/8	15.87	11/16	17.46	16.76	19.30	30.22	11.93	9.65	37.59
DLCW 8-8	1/2	12.70	10.41	19.05	13/16	20.63	7/8	22.22	22.86	21.84	30.98	11.93	12.70	41.14
DLCW 12-12	3/4	19.05	15.74	26.67	1-1/16	26.98	1-1/8	28.57	24.38	21.84	33.27	11.93	14.22	43.43
DLCW 16-16	1	25.40	22.35	33.27	1-3/8	34.92	1-1/2	38.10	31.24	26.41	40.38	14.22	19.05	52.57

Elbow, Socketweld

DLEW

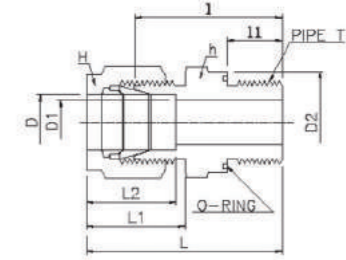


* These figures are for reference purposes only.

Part No.	Tube O.D D		D1 Min	D2	Width across flat				L2	L1	I	I2	L	I1
	D				h		H							
	in	mm			in	mm	in	mm						
DLBW4-4	1/4	6.35	4.82	12.70	1/2	12.70	9/16	14.28	15.24	17.78	19.55	7.87	26.92	19.55
DLEW6-6	3/8	9.52	7.11	15.74	5/8	15.87	11/16	17.46	16.76	19.30	23.11	9.65	30.48	23.11
DLBW8-8	1/2	12.70	10.41	20.57	13/16	20.63	7/8	22.22	22.86	21.84	25.90	12.70	36.06	25.90

Connector, 'O' Seal Pipe Thread, Male

DLCOM

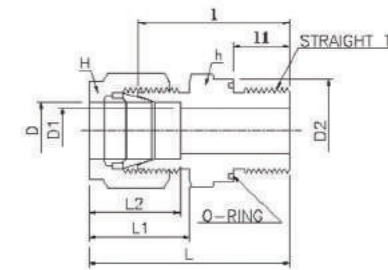


* These figures are for reference purposes only.

Part No.	Tube O.D D		PIPE T	D1	h	H	L	L1	L2	I	I1	D2	O-RING
	D												
	in	mm											
DLOP2-2N	1/8	3.17	1/8	2.28	3/4	7/16	32.76	15.24	12.70	26.16	7.11	18.8	-013
DLOP4-2N	1/4	6.35	1/4	4.82	3/4	9/16	35.05	17.78	15.24	27.68	7.11	18.8	-013
DLOP4-4N	1/4	6.35	1/4	4.82	15/16	9/16	38.35	17.78	15.24	30.98	9.65	23.62	-113
DLOP6-4N	3/8	9.52	3/8	7.11	15/16	11/16	39.87	19.30	16.76	32.51	9.65	23.62	-113
DLOP6-6N	3/8	9.52	3/8	7.11	1-1/8	11/16	41.40	19.30	16.76	34.03	10.41	28.45	-116
DLOP6-8N	3/8	9.52	3/8	7.11	1-5/16	11/16	46.99	19.30	16.76	39.62	13.46	33.02	-118
DLOP8-8N	1/2	12.7	1/2	10.41	1-5/16	7/8	49.78	21.84	22.86	39.62	13.46	33.02	-118

Connector, 'O' Seal Straight Thread, Male

DLCOS

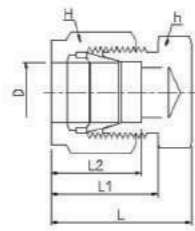


* These figures are for reference purposes only.

Part No.	Tube O.D D		STRAIGHT T	D1	h	H	L	L1	L2	I	I1	D2	O-RING
	D												
	in	mm											
DCOS2-2U	1/8	3.17	5/16-20	2.28	9/16	7/16	32.76	15.24	12.70	26.16	8.63	13.97	-011
DCOS3-3U	3/16	4.76	3/8-24	3.04	5/8	1/2	34.29	16.00	13.71	27.68	9.65	15.75	-012
DCOS4-4U	1/4	6.35	7/16-20	4.82	3/4	9/16	38.35	17.78	15.24	30.98	10.41	18.8	-113
DCOS5-5U	5/16	7.93	1/2-20	6.35	7/8	5/8	40.64	18.54	16.25	33.27	11.17	21.85	-112
DCOS6-6U	3/8	9.52	9/16-18	7.11	15/16	11/16	42.41	19.3	16.76	35.05	11.93	23.62	-113
DCOS8-8U	1/2	12.7	3/4-16	10.41	1-1/8	7/8	45.97	21.84	22.86	35.81	11.93	28.45	-116
DCOS12-12U	3/4	19.05	1-1/16-12	15.74	1-1/2	1-1/8	52.32	21.84	24.38	42.16	14.22	37.85	-121
DCOS16-16U	1	25.4	1-5/16-12	22.35	1-3/4	1-1/2	58.16	26.41	31.24	45.97	14.52	44.2	-125

Cap

DLC

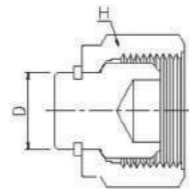


* These figures are for reference purposes only.

Part No.	Tube O.D D		Width across flat				L2	L1	I	L
	D		h		H					
	in	mm	in	mm	in	mm				
DLC-2	1/8	3.17	7/16	11.11	7/16	11.11	12.70	15.24	13.46	20.06
DLC-3	3/16	4.76	7/16	11.11	1/2	12.70	13.71	16.00	14.73	21.33
DLC-4	1/4	6.35	1/2	12.70	9/16	14.28	15.24	17.78	16.00	23.26
DLC-5	5/16	7.93	9/16	14.28	5/8	15.87	16.25	18.95	17.01	24.38
DLC-6	3/8	9.52	5/8	15.87	11/16	17.46	16.76	19.30	18.28	25.65
DLC-8	1/2	12.70	13/16	20.63	7/8	22.22	22.86	21.84	19.05	29.21
DLC-10	5/8	15.87	15/16	23.81	1	25.40	24.38	21.84	19.81	29.97
DLC-12	3/4	19.05	1-1/16	26.98	1-1/8	28.57	24.38	21.84	21.33	31.49
DLC-14	7/8	22.22	1-3/16	30.16	1-1/4	31.75	25.90	21.84	23.87	34.03
DLC-16	1	25.40	1-3/8	34.92	1-1/2	38.10	31.24	26.41	26.16	38.35

Plug

DLP

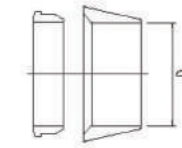


* These figures are for reference purposes only.

Part No.	Tube O.D D		Width across flat		L
	D		h		
	in	mm	in	mm	
DLP-2	1/8	3.17	7/16	11.11	11.93
DLP-3	3/16	4.76	1/2	12.70	11.93
DLP-4	1/4	6.35	9/16	14.28	12.70
DLP-5	5/16	7.93	5/8	15.87	13.46
DLP-6	3/8	9.52	11/16	17.46	14.22
DLP-8	1/2	12.7	7/8	22.22	17.52
DLP-10	5/8	15.87	1	25.40	17.52
DLP-12	3/4	19.05	1-1/8	28.57	17.52
DLP-14	7/8	22.22	1-1/4	31.75	17.52
DLP-16	1	25.40	1-1/2	38.10	20.57

Ferrule, Set

DLFS

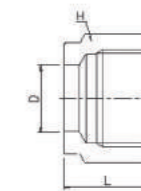


* These figures are for reference purposes only.

Part No.	Tube O.D D	
	D	
	in	mm
DLFS-2	1/8	3.17
DLFS-3	3/16	4.76
DLFS-4	1/4	6.35
DLFS-5	5/16	7.93
DLFS-6	3/8	9.52
DLFS-8	1/2	12.70
DLFS-10	5/8	15.87
DLFS-12	3/4	19.05
DLFS-14	7/8	22.22
DLFS-1x6	1	25.40

Nut

DLN



* These figures are for reference purposes only.

Part No.	Tube O.D D		Width across flat		L
	D		h		
	in	mm	in	mm	
DLN-2	1/8	3.17	7/16	11.11	11.93
DLN-3	3/16	4.76	1/2	12.70	11.93
DLN-4	1/4	6.35	9/16	14.28	12.70
DLN-5	5/16	7.93	5/8	15.87	13.46
DLN-6	3/8	9.52	11/16	17.46	14.22
DLN-8	1/2	12.70	7/8	22.22	17.52
DLN-10	5/8	15.87	1	25.40	17.52
DLN-12	3/4	19.05	1-1/8	28.57	17.52
DLN-14	7/8	22.22	1-1/4	31.75	17.52
DLN-16	1	25.40	1-1/2	38.10	20.57

Ferrule, Back

DLFB

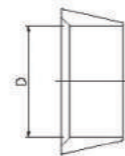


* These figures are for reference purposes only.

Part No.	Tube O.D D	
	D	
	in	mm
DLFB-2	1/8	3.17
DLFB-3	3/16	4.76
DLFB-4	1/4	6.35
DLFB-5	5/16	7.93
DLFB-6	3/8	9.52
DLFB-8	1/2	12.70
DLFB-10	5/8	15.87
DLFB-12	3/4	19.05
DLFB-14	7/8	22.22
DLFB-16	1	25.40

Ferrule, Front

DLFF



* These figures are for reference purposes only.

Part No.	Tube O.D D	
	D	
	in	mm
DLEF-2	1/8	3.17
DUBF-3	3/16	4.76
DLEF-4	1/4	6.35
DLEF-5	5/16	7.93
DLEF-6	3/8	9.52
DLEF-8	1/2	12.70
DLEF-10	5/8	15.87
DLEF-12	3/4	19.05
DLEF-14	7/8	22.22
DLEF-16	1	25.40

Installation

ASSEMBLY INSTRUCTIONS

D-lok tube fittings can be installed by using readily available wrenches.

1. Insert the tubing into the D-lok fitting until the tubing sits on the shoulder of the body. Make sure the nut is finger-tight.
2. From the finger-tight position, rotate the nut 3/4 for sizes between 1/16-inch and 3/16-inch; and 1-1/4 turn for the sizes between 1/4-inch and 1-inch



Reassembly Instructions

D-lok tube fittings can be assembled and disassembled repeatedly. The following instructions should be carried out to reassemble a fitting.

1. Insert the tubing with the previously set ferrules into the D-lok fitting until the tubing sits on the shoulder of the body. Make sure the nut is finger-tight.
2. Using a wrench, from the finger-tight position, rotate the nut 3/4 for sizes between 1/16-inch and 3/16-inch; and 1-1/4 turn for the size between 1/4-inch and 1-inch until snug, Then tighten a little more.

