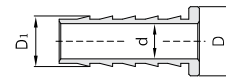


Tube Insert for Nylon or Soft Plastic Tubing

CI



Fractional

Part No.	Tube O.D.		Tube I.D.		Bore I.D.	
	D		D ₁		d	
	in	mm	in	mm	in	mm
CI 3 - 2	3/16	4.76	1/8	3.17	0.09	1.70
CI 4 - 2	1/4	6.35	1/8	3.17	0.09	1.70
CI 4 - 4.3M	1/4	6.35	0.17	4.32	0.11	3.10
CI 4 - 3	1/4	6.35	3/16	4.76	0.14	3.56
CI 5 - 2	5/16	7.93	1/8	3.17	0.09	2.29
CI 5 - 3	5/16	7.93	3/16	4.76	0.12	3.50
CI 5 - 4	5/16	7.93	1/4	6.35	0.19	4.83
CI 6 - 3	3/8	9.52	3/16	4.76	0.12	3.05
CI 6 - 4	3/8	9.52	1/4	6.35	0.19	4.83
CI 8 - 4	1/2	12.70	1/4	6.35	0.19	4.83
CI 8 - 6	1/2	12.70	3/8	9.52	0.31	7.87
CI10 - 6	5/8	15.87	3/8	9.52	0.31	7.87
CI10 - 8	5/8	15.87	1/2	12.70	0.44	11.00
CI12 - 8	3/4	19.05	1/2	12.70	0.44	11.00
CI12 - 10	3/4	19.05	5/8	15.87	0.56	14.22
CI16 - 12	1	25.40	3/4	19.05	0.69	17.53

Metric

Part No.	Tube O.D.	Tube I.D.	Bore I.D.
	D	D ₁	d
	CI 6M - 4M	6	4
CI 8M - 6M	8	6	4.8
CI 10M - 8M	10	8	6.4
CI 12M - 8M	12	8	6.4
CI 12M - 10M	12	10	8.3

Hy-Lok Tube Inserts are used to secure the nylon or other soft plastic tubing to Hy-Lok tube fittings. To choose the proper Hy-Lok Tube insert, check if O.D. and I.D. of the tubing are the same as dimension D and D₁ of tube inserts, respectively.



Sure Ring Against Overtight

CCL

Hy-Lok Sure Ring is especially useful when you install Hy-Lok two ferrule tube fittings in a small space such as in a cabinet where it is practically impossible to apply the standard installation procedures. (i.e., 1 1/4 turns or 3/4 turn from finger tight) it ensures sufficient tightening and protects over-tightening. For installation, insert Sure Ring between the nut and the body before assembly, and then tighten the nut until being blocked by the sure ring.

Fractional

Part No.	Tube O.D.	
	in	mm
CCL - 2	1/8	3.17
CCL - 4	1/4	6.35
CCL - 6	3/8	9.52
CCL - 8	1/2	12.70
CCL - 12	3/4	19.05
CCL - 16	1	25.40

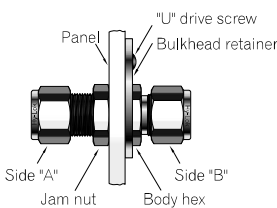
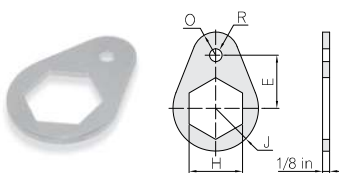
Metric

Part No.	Tube O.D.
CCL - 3M	3
CCL - 6M	6
CCL - 10M	10
CCL - 12M	12
CCL - 18M	18
CCL - 20M	20
CCL - 25M	25

Bulkhead Retainer

CBRE

Bulkhead retainer can function as a back up wrench, tubing can be installed to side "A" or "B" by one person with only one wrench.



Part No.	Fitting Size		E	H	J	O	R	Drill Hole Dia	"U" Drive Screw Size	Drill Number
	in	mm								
CBRE - 1	1/16	-	9.52	7.93	7.93	3.97	3.97	3.0	6-3/8	31
CBRF - 2	1/8	-	12.70	12.70	10.32	5.56				
CBRE - 3	3/16	3.4	14.28	14.28	11.91	6.35				
CBRE - 4	1/4	6	15.87	15.87	12.70	7.14				
CBRE - 5	5/16	-	17.46	17.46	14.28	7.93				
CBRE - 6	3/8	-	19.05	19.05	15.87	8.73				
CBRE - 8	1/2	12	23.81	23.81	19.05	10.32	5.56	3.66	10-1/2	27
CBRE - 10	5/8	15,16	25.40	26.98	20.64	10.23				
CBRE - 12	3/4	18	26.98	30.16	23.02	11.91				
CBRE - 14	7/8	20	30.20	34.93	27.80	13.49				
CBRE - 16	1	-	32.54	41.27	29.37	13.49				
CBRE - 8M	-	8	17.46	18.00	14.28	7.93				
CBRE - 10M	-	10	23.81	22.00	19.05	10.32	5.56	3.66	10-1/2	27

All dimensions are in millimeters unless otherwise specified. Dimensions are for reference only, subject to change.