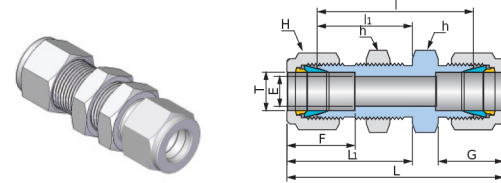


Bulkhead Union

**UBU**



Connects Fractional(Inch) Tube

Part No.	Tube OD T		Dimensions (mm)												
	inch	mm	E Min.	h		H		F	G	I	l <sub>1</sub>	L	L <sub>1</sub>	Panel Hole Size	Max Panel Thickness
UBU-01	1/16	1.68	1.3	5/16	7.93	5/16	7.93	9.0	11.1	23.9	13.5	31.9	17.5	5.2	3.1
UBU-02	1/8	3.17	2.3	1/2	12.70	7/16	11.11	12.8	15.4	38.1	24.6	51.7	31.4	8.3	12.7
UBU-03	3/16	4.76	3.0	9/16	14.28	1/2	12.70	14.0	16.4	40.4	25.4	54.2	32.3	9.9	12.7
UBU-04	1/4	6.35	4.8	5/8	15.87	9/16	14.28	15.1	17.4	42.9	26.2	57.2	33.4	11.5	10.2
UBU-05	5/16	7.93	6.4	11/16	17.46	5/8	15.87	16.6	18.8	46.0	28.4	61.4	36.1	13.1	11.2
UBU-06	3/8	9.52	7.0	3/4	19.05	11/16	17.46	16.7	18.9	47.5	29.5	62.1	36.8	14.7	11.2
UBU-08	1/2	12.70	10.0	15/16	23.81	7/8	22.22	22.7	25.6	50.8	31.8	70.8	41.8	19.4	12.7
UBU-10	5/8	15.87	12.0	1-1/16	26.98	1	25.40	24.5	22.0	52.3	32.5	72.7	42.7	22.6	12.7
UBU-12	3/4	19.05	16.0	1-3/16	30.16	1-1/8	28.57	24.4	21.9	58.7	37.3	78.9	47.4	25.8	16.8
UBU-14	7/8	22.22	18.0	1-3/8	34.92	1-1/4	31.75	26.0	22.0	64.3	42.9	84.6	53.1	29.0	19.1
UBU-16	1	25.40	22.0	1-5/8	41.27	1-1/2	38.10	31.1	26.1	71.4	45.2	95.6	57.3	33.7	19.1
UBU-20	1-1/4	31.75	26.0	1-7/8	47.63	1-7/8	47.63	40.8	38.5	78.9	47.7	122.5	69.5	42.0	20.0
UBU-24	1-1/2	38.10	33.0	2-1/4	57.15	2-1/4	57.15	50.1	45.3	84.8	49.2	139.4	76.5	50.0	20.0
UBU-32	2	50.80	46.0	2-3/4	69.85	3	76.20	69.1	63.5	105.7	56.4	181.9	94.5	67.1	19.1

Connects Metric Tube

Part No.	Tube OD T	Dimensions (mm)										
	mm	E Min.	h mm	H mm	F	G	I	l <sub>1</sub>	L	L <sub>1</sub>	Panel Hole Size	Max Panel Thickness
UBU-M03	3	2.3	14.28	11.11	12.7	15.3	38.1	24.6	51.4	31.3	8.3	12.7
UBU-M04	4	2.3	14.28	12.70	13.7	16.1	40.4	25.4	53.4	31.9	9.9	12.7
UBU-M06	6	4.8	15.87	14.28	15.3	17.6	42.9	26.2	57.7	33.6	11.5	10.2
UBU-M08	8	6.4	17.46	15.87	16.3	18.7	46.0	28.4	61.2	35.9	13.1	11.2
UBU-M10	10	8.0	22.22	19.05	17.3	19.5	48.5	29.5	63.9	37.2	16.2	11.2
UBU-M12	12	9.5	23.81	22.22	22.8	21.7	50.8	31.8	71.0	41.9	19.5	12.7
UBU-M14	14	12.0	26.98	23.81	24.8	22.3	52.3	32.5	73.2	42.9	22.8	12.7
UBU-M15	15	12.0	26.98	25.40	24.4	21.9	52.3	32.5	72.5	42.6	22.8	12.7
UBU-M16	16	12.0	26.98	25.40	24.5	22.0	52.3	32.5	72.7	42.7	22.8	12.7
UBU-M18	18	15.0	30.16	30.16	24.5	22.0	58.7	37.3	79.1	47.5	26.0	16.8
UBU-M20	20	16.0	34.92	31.75	26.2	22.1	64.3	42.9	84.8	53.2	29.0	17.0
UBU-M22	22	16.0	34.92	31.75	26.2	22.1	64.3	42.9	84.8	53.2	29.0	19.1
UBU-M25	25	22.0	41.27	38.10	31.1	26.1	71.4	45.2	95.5	57.3	33.7	19.1
UBU-M32	32	27.0	50.80	50.80	40.9	38.6	82.3	49.5	126.1	71.4	42.5	19.0
UBU-M38	38	33.0	60.30	60.30	49.9	45.1	89.4	51.5	144.0	79.0	50.5	19.0

Dimensions are for reference only and are subject to change without prior notice.  
E is minimum opening. F, G and L are typical finger tight.