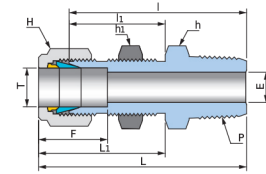


Bulkhead Male Connector  
**UBMC**



Connects Fractional(Inch) Tube to Female NPT Thread

| Part No.   | Tube OD<br>T |       | P<br>NPT | Dimensions (mm) |        |       |                |       |       |       |      |      |                |      |                |                       |                           |
|------------|--------------|-------|----------|-----------------|--------|-------|----------------|-------|-------|-------|------|------|----------------|------|----------------|-----------------------|---------------------------|
|            | inch         | mm    |          | E<br>Min.       | h      |       | h <sub>1</sub> |       | H     |       | F    | l    | l <sub>1</sub> | L    | L <sub>1</sub> | Panel<br>Hole<br>Size | Max<br>Panel<br>Thickness |
| UBMC-0202N | 1/8          | 3.17  | 1/8      | 2.3             | 1/2    | 12.70 | 1/2            | 12.7  | 7/16  | 11.11 | 12.8 | 39.9 | 24.6           | 46.7 | 31.4           | 8.3                   | 12.7                      |
| UBMC-0402N | 1/4          | 6.35  | 1/8      | 4.8             | 5/8    | 15.87 | 5/8            | 15.87 | 9/16  | 14.28 | 15.1 | 42.2 | 26.2           | 49.4 | 33.4           | 11.5                  | 10.2                      |
| UBMC-0404N | 1/4          | 6.35  | 1/4      | 4.8             | 5/8    | 15.87 | 5/8            | 15.87 | 9/16  | 14.28 | 15.1 | 46.0 | 26.2           | 53.2 | 33.4           | 11.5                  | 10.2                      |
| UBMC-0604N | 3/8          | 9.52  | 1/4      | 7.0             | 3/4    | 19.05 | 3/4            | 19.05 | 11/16 | 17.46 | 16.7 | 50.0 | 29.5           | 57.3 | 36.8           | 14.7                  | 11.2                      |
| UBMC-0606N | 3/8          | 9.52  | 3/8      | 7.0             | 3/4    | 19.05 | 3/4            | 19.05 | 11/16 | 17.46 | 16.7 | 49.7 | 29.5           | 57.0 | 36.8           | 14.7                  | 11.2                      |
| UBMC-0608N | 3/8          | 9.52  | 1/2      | 7.0             | 15/16  | 23.81 | 15/16          | 23.81 | 11/16 | 17.46 | 16.7 | 56.4 | 29.5           | 63.7 | 36.8           | 14.7                  | 11.2                      |
| UBMC-0806N | 1/2          | 12.70 | 3/8      | 10.0            | 15/16  | 23.81 | 15/16          | 23.81 | 7/8   | 22.22 | 22.7 | 53.1 | 31.8           | 63.1 | 41.8           | 19.5                  | 12.7                      |
| UBMC-0808N | 1/2          | 12.70 | 1/2      | 10.0            | 15/16  | 23.81 | 15/16          | 23.81 | 7/8   | 22.22 | 22.7 | 58.7 | 31.8           | 68.7 | 41.8           | 19.5                  | 12.7                      |
| UBMC-1212N | 3/4          | 19.05 | 3/4      | 16.0            | 1-3/16 | 30.16 | 1-3/16         | 30.16 | 1-1/8 | 28.57 | 24.4 | 66.0 | 37.3           | 76.1 | 47.4           | 25.8                  | 16.8                      |
| UBMC-1616N | 1            | 25.40 | 1        | 22.0            | 1-5/8  | 41.27 | 1-5/8          | 41.27 | 1-1/2 | 38.10 | 31.1 | 81.4 | 45.2           | 93.5 | 57.3           | 33.7                  | 19.1                      |

ISO Tapered threads are available for all fractional UBMC. To order, add "R" as a suffix instead of "N".

Connects Metric Tube

| Part No.    | Tube OD<br>T |  | P<br>ISO7/1 | Dimensions (mm) |       |                |       |      |      |                |      |                |                       |                           |
|-------------|--------------|--|-------------|-----------------|-------|----------------|-------|------|------|----------------|------|----------------|-----------------------|---------------------------|
|             | mm           |  |             | E<br>Min.       | h     | h <sub>1</sub> | H     | F    | l    | l <sub>1</sub> | L    | L <sub>1</sub> | Panel<br>Hole<br>Size | Max<br>Panel<br>Thickness |
| UBMC-M0302R | 3            |  | 1/8         | 2.3             | 14.28 | 14.28          | 11.11 | 12.7 | 39.8 | 24.6           | 46.5 | 31.3           | 8.3                   | 12.7                      |
| UBMC-M0602R | 6            |  | 1/8         | 4.8             | 15.87 | 15.87          | 14.28 | 15.3 | 42.2 | 26.2           | 49.6 | 33.6           | 11.5                  | 10.2                      |
| UBMC-M0604R | 6            |  | 1/4         | 4.8             | 15.87 | 15.87          | 14.28 | 15.3 | 46.0 | 26.2           | 53.4 | 33.6           | 11.5                  | 10.2                      |
| UBMC-M0804R | 8            |  | 1/4         | 6.4             | 17.46 | 17.46          | 15.87 | 16.3 | 49.0 | 28.4           | 56.6 | 35.9           | 13.1                  | 11.2                      |
| UBMC-M1004R | 10           |  | 1/4         | 8.0             | 22.22 | 22.22          | 19.05 | 17.3 | 52.0 | 29.5           | 59.7 | 37.2           | 16.2                  | 11.2                      |
| UBMC-M1206R | 12           |  | 3/8         | 9.5             | 23.81 | 23.81          | 22.22 | 22.8 | 53.1 | 31.8           | 63.2 | 41.9           | 19.5                  | 12.7                      |
| UBMC-M1208R | 12           |  | 1/2         | 9.5             | 23.81 | 23.81          | 22.22 | 22.8 | 58.1 | 31.8           | 68.2 | 41.9           | 19.5                  | 12.7                      |

NPT threads are available for all metric UBMC. To order, add "N" as a suffix instead of "R".

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.