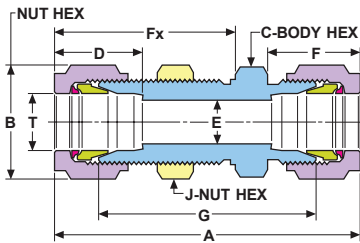


Bulkhead Union: BU connects fractional tubes

| Part Number* | T Tube O.D. | Dimensions — inches | | | | | | | | | | Panel Hole Size | Max. Panel Thickness |
|--------------|-------------|---------------------|------------|------------|------|--------|------|------|------|------------|------|-----------------|----------------------|
| | | A | B Hex Flat | C Hex Flat | D | E min. | F | Fx | G | J Hex Flat | | | |
| 1BU [] | 1/16 | 1.50 | 5/16 | 7/16 | .41 | .05 | .48 | .91 | 1 | 3/8 | .20 | 11/32 | |
| 2BU [] | 1/8 | 2.13 | 7/16 | 1/2 | .56 | .09 | .67 | 1.19 | 1.50 | 1/2 | .33 | 7/16 | |
| 3BU [] | 3/16 | 2.22 | 1/2 | 9/16 | .59 | .13 | .70 | 1.31 | 1.59 | 9/16 | .39 | 15/32 | |
| 4BU [] | 1/4 | 2.34 | 9/16 | 5/8 | .64 | .19 | .77 | 1.36 | 1.69 | 5/8 | .45 | 15/32 | |
| 6BU [] | 3/8 | 2.56 | 11/16 | 3/4 | .72 | .30 | .83 | 1.50 | 1.88 | 3/4 | .58 | 17/32 | |
| 8BU [] | 1/2 | 2.94 | 7/8 | 15/16 | .97 | .42 | .92 | 1.72 | 2 | 15/16 | .77 | 19/32 | |
| 10BU [] | 5/8 | 2.94 | 1 | 1 1/16 | 1 | .50 | .92 | 1.72 | 2.06 | 1 1/16 | .89 | 9/16 | |
| 12BU [] | 3/4 | 3.19 | 1 1/8 | 1 3/16 | 1 | .66 | .97 | 1.91 | 2.31 | 1 3/16 | 1.02 | 21/32 | |
| 14BU [] | 7/8 | 3.41 | 1 1/4 | 1 5/16 | 1.06 | .72 | .97 | 2.09 | 2.53 | 1 5/16 | 1.14 | 25/32 | |
| 16BU [] | 1 | 3.95 | 1 1/2 | 1 9/16 | 1.31 | .88 | 1.08 | 2.34 | 2.81 | 1 9/16 | 1.33 | 1 1/32 | |
| 24BU [] | 1 1/2 | 5.48 | 2 1/4 | 2 1/4 | 1.97 | 1.34 | 1.78 | 3.01 | 3.34 | 2 1/4 | 1.95 | 3/4 | |
| 32BU [] | 2 | 7.10 | 3 | 2 3/4 | 2.66 | 1.81 | 2.47 | 3.69 | 4.16 | 3 | 2.64 | 3/4 | |



Fractional fitting shown


Bulkhead Union: BU/MM connects metric tubes

| Part Number* | T Tube O.D. | Dimensions — mm | | | | | | | | | | Panel Hole Size | Max. Panel Thickness |
|--------------|-------------|-----------------|------------|------------|------|--------|------|------|------|------------|------|-----------------|----------------------|
| | | A | B Hex Flat | C Hex Flat | D | E min. | F | Fx | G | J Hex Flat | | | |
| 3BU []MM | 3 | 56.3 | 11.1 | 12.7 | 14.3 | 2.2 | 17.1 | 32.5 | 40.4 | 12.7 | 8.3 | 12.0 | |
| 4BU []MM | 4 | 58.1 | 12.7 | 14.3 | 15.1 | 2.3 | 17.9 | 33.2 | 42.4 | 14.3 | 10.0 | 12.0 | |
| 6BU []MM | 6 | 60.8 | 14.3 | 15.9 | 16.3 | 3.8 | 19.5 | 34.6 | 44.1 | 15.9 | 11.5 | 13.0 | |
| 8BU []MM | 8 | 64.0 | 15.9 | 17.5 | 16.7 | 5.8 | 19.1 | 36.6 | 48.0 | 17.5 | 13.1 | 14.0 | |
| 10BU []MM | 10 | 64.2 | 19.1 | 19.1 | 17.5 | 7.9 | 19.8 | 37.3 | 48.2 | 19.1 | 16.5 | 14.0 | |
| 12BU []MM | 12 | 74.7 | 22.2 | 23.8 | 24.6 | 9.9 | 23.4 | 43.7 | 50.8 | 23.8 | 19.5 | 16.0 | |
| 14BU []MM | 14 | 69.6 | 23.8 | 25.4 | 22.2 | 11.9 | 21.0 | 41.1 | 50.8 | 23.8 | 21.0 | 16.0 | |
| 15BU []MM | 15 | 72.5 | 23.8 | 25.4 | 22.2 | 12.7 | 21.8 | 42.1 | 51.9 | 23.8 | 21.0 | 16.0 | |
| 16BU []MM | 16 | 74.7 | 25.4 | 27.0 | 25.0 | 12.7 | 23.4 | 43.7 | 52.4 | 27.0 | 22.5 | 14.0 | |
| 18BU []MM | 18 | 78.7 | 28.6 | 30.2 | 25.4 | 15.8 | 24.6 | 48.0 | 58.7 | 30.2 | 26.0 | 17.0 | |
| 20BU []MM | 20 | 92.0 | 31.8 | 33.3 | 31.0 | 16.7 | 27.0 | 41.8 | 64.3 | 33.3 | 29.0 | 20.0 | |
| 22BU []MM | 22 | 89.0 | 31.8 | 33.3 | 27.0 | 17.9 | 24.6 | 53.0 | 66.6 | 33.3 | 29.5 | 24.0 | |
| 25BU []MM | 25 | 100.7 | 38.1 | 39.7 | 33.3 | 21.7 | 27.4 | 60.0 | 71.9 | 39.7 | 33.8 | 24.0 | |

* [] see page 6 for material specifications.