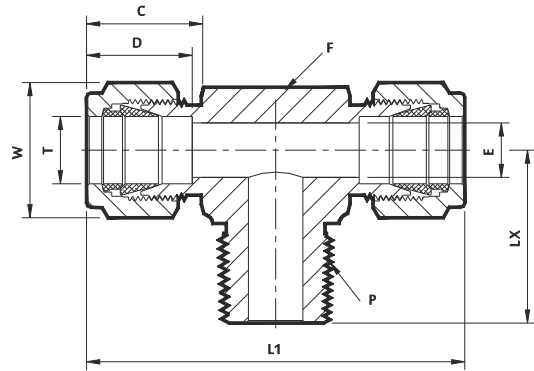


## 2.8 Male Branch Tee

### 01. Fractional Tube x NPT (M)



| Sr. No.              | TUBE<br>OD<br>Ø T | NPT<br>Male Pipe<br>Size P | Ref. Part No. | ØE   | D    | C    | L1   | LX     | Body<br>Hex<br>F | Nut<br>Hex<br>W |
|----------------------|-------------------|----------------------------|---------------|------|------|------|------|--------|------------------|-----------------|
| Dimensions in Inches |                   |                            |               |      |      |      |      |        |                  |                 |
| 1                    | 1/8 x 1/8         | 2MBTD 2N                   | 0.09          | 0.50 | 0.60 | 1.86 | 0.70 | 1/2    | 7/16             |                 |
| 2                    | 1/8 x 1/4         | 2MBTD 4N                   | 0.09          |      |      | 1.94 | 0.92 | 9/16   |                  |                 |
| 3                    | 3/16 x 1/8        | 3MBTD 2N                   | 0.12          | 0.54 | 0.63 | 1.92 | 0.70 | 1/2    | 1/2              |                 |
| 4                    | 1/4 x 1/8         | 4MBTD 2N                   | 0.19          | 0.60 | 0.70 | 2.12 | 0.74 | 9/16   | 9/16             |                 |
| 5                    | 1/4 x 1/4         | 4MBTD 4N                   | 0.19          |      |      | 2.12 | 0.92 | 9/16   |                  |                 |
| 6                    | 5/16 x 1/8        | 5MBTD 2N                   | 0.19          | 0.64 | 0.73 | 2.34 | 0.82 | 5/8    | 5/8              |                 |
| 7                    | 5/16 x 1/4        | 5MBTD 4N                   | 0.25          |      |      | 2.34 | 1.01 | 5/8    |                  |                 |
| 8                    | 3/8 x 1/4         | 6MBTD 4N                   | 0.28          | 0.66 | 0.76 | 2.40 | 1.00 | 5/8    | 11/16            |                 |
| 9                    | 3/8 x 3/8         | 6MBTD 6N                   | 0.28          |      |      | 2.62 | 1.11 | 13/16  |                  |                 |
| 10                   | 1/2 x 3/8         | 8MBTD 6N                   | 0.38          | 0.90 | 0.86 | 2.84 | 1.11 | 13/16  | 7/8              |                 |
| 11                   | 1/2 x 1/2         | 8MBTD 8N                   | 0.41          |      |      | 2.84 | 1.30 | 7/8    |                  |                 |
| 12                   | 5/8 x 1/2         | 10MBTD 8N                  | 0.47          | 0.96 | 0.86 | 3.06 | 1.41 | 15/16  | 1                |                 |
| 13                   | 3/4 x 3/4         | 12MBTD 12N                 | 0.62          | 0.96 | 0.86 | 3.14 | 1.45 | 1.1/16 | 1.1/8            |                 |
| 14                   | 7/8 x 3/4         | 14MBTD 12N                 | 0.62          | 1.02 | 0.86 | 3.52 | 1.50 | 1.3/8  | 1.1/4            |                 |
| 15                   | 1 x 3/4           | 16MBTD 12N                 | 0.62          | 1.23 | 1.04 | 3.88 | 1.66 | 1.3/8  | 1.1/2            |                 |
| 16                   | 1 x 1             | 16MBTD 16N                 | 0.88          |      |      | 3.88 | 1.84 | 1.3/8  |                  |                 |

### 02. Metric Tube x NPT (M)

| Sr. No.                   | TUBE<br>OD<br>Ø T | NPT<br>Male Pipe<br>Size P | Ref. Part No. | ØE   | D    | C    | L1   | LX   | Body<br>Hex<br>F | Nut<br>Hex<br>W |
|---------------------------|-------------------|----------------------------|---------------|------|------|------|------|------|------------------|-----------------|
|                           | (mm)              | (in)                       |               |      |      |      |      |      |                  |                 |
| Dimensions in Millimetres |                   |                            |               |      |      |      |      |      |                  |                 |
| 1                         | 6 x 1/8           | 6MMBTD 2N                  | 4.8           | 15.3 | 17.7 | 53.9 | 27.0 | 15   | 14.2             |                 |
| 2                         | 6 x 1/4           | 6MMBTD 4N                  | 4.8           |      |      | 53.9 | 27.0 | 15   |                  |                 |
| 3                         | 8 x 1/8           | 8MMBTD 2N                  | 4.8           | 16.2 | 18.6 | 59.7 | 29.9 | 15   | 16               |                 |
| 4                         | 8 x 1/4           | 8MMBTD 4N                  | 6.4           |      |      | 59.7 | 29.9 | 15   |                  |                 |
| 5                         | 10 x 1/4          | 10MMBTD 4N                 | 7.1           | 17.2 | 19.5 | 67.0 | 33.5 | 20.5 | 19               |                 |
| 6                         | 10 x 3/8          | 10MMBTD 6N                 | 7.9           |      |      | 67.0 | 33.5 | 20.5 |                  |                 |
| 7                         | 12 x 1/4          | 12MMBTD 4N                 | 7.1           | 22.8 | 22.0 | 72.0 | 36.0 | 20.5 | 22.2             |                 |
| 8                         | 12 x 3/8          | 12MMBTD 6N                 | 9.5           |      |      | 72.0 | 36.0 | 20.5 |                  |                 |
| 9                         | 12 x 1/2          | 12MMBTD 8N                 | 9.5           |      |      | 72.0 | 36.0 | 22.5 |                  |                 |
| 10                        | 16 x 1/2          | 16MMBTD 8N                 | 11.9          | 24.4 | 22.0 | 77.6 | 38.8 | 27.5 | 25.4             |                 |

NOTE : ① The E Dimension is the minimum opening & Fittings of this group may be back drilling to lager ID at pipe thread or straight thread end  
 ② Dimension L1, C, D is shown in the finger-tight position.  
 ③ NPT thread as per ANSI B 1.20.1.

All part numbers are proprietary of their respective owners, Dimensions are for reference only and are subject to change