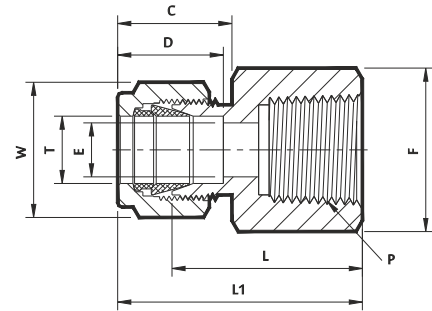


## 2.12 Female Connector

### 03. Fractional Tube x ISO Tapered (F)



| Sr. No.              | TUBE<br>OD<br>Ø T | ISO<br>Female Pipe<br>Size P | Ref. Part No. | ØE   | D    | C    | L    | L1   | Body<br>Hex<br>F | Nut<br>Hex<br>W |
|----------------------|-------------------|------------------------------|---------------|------|------|------|------|------|------------------|-----------------|
| Dimensions in Inches |                   |                              |               |      |      |      |      |      |                  |                 |
| 1                    | 1/4 x 1/8         |                              | 4FCD 2IT      | 0.19 | 0.60 | 0.70 | 1.23 | 1.23 | 9/16             | 9/16            |
| 2                    | 1/4 x 1/4         |                              | 4FCD 4IT      | 0.19 |      |      | 1.41 | 1.41 | 3/4              |                 |
| 3                    | 1/4 x 3/8         |                              | 4FCD 6IT      | 0.19 |      |      | 1.48 | 1.48 | 7/8              |                 |
| 4                    | 1/4 x 1/2         |                              | 4FCD 8IT      | 0.19 |      |      | 1.67 | 1.67 | 1.1/16           |                 |
| 5                    | 3/8 x 1/4         |                              | 6FCD 4IT      | 0.28 | 0.66 | 0.76 | 1.48 | 1.48 | 3/4              | 11/16           |
| 6                    | 3/8 x 3/8         |                              | 6FCD 6IT      | 0.28 |      |      | 1.54 | 1.54 | 7/8              |                 |
| 7                    | 3/8 x 1/2         |                              | 6FCD 8IT      | 0.28 |      |      | 1.73 | 1.73 | 1.1/16           |                 |
| 8                    | 1/2 x 1/4         |                              | 8FCD 4IT      | 0.41 | 0.90 | 0.86 | 1.59 | 1.59 | 13/16            | 7/8             |
| 9                    | 1/2 x 3/8         |                              | 8FCD 6IT      | 0.41 |      |      | 1.65 | 1.65 | 7/8              |                 |
| 10                   | 1/2 x 1/2         |                              | 8FCD 8IT      | 0.41 |      |      | 1.84 | 1.84 | 1.1/16           |                 |

### 04. Metric Tube x ISO Tapered (F)

| Sr. No.                   | TUBE<br>OD<br>Ø T | ISO<br>Female Pipe<br>Size P | Ref. Part No. | ØE   | D    | C    | L    | L1   | Body<br>Hex<br>F | Nut<br>Hex<br>W |
|---------------------------|-------------------|------------------------------|---------------|------|------|------|------|------|------------------|-----------------|
| Dimensions in Millimetres |                   |                              |               |      |      |      |      |      |                  |                 |
|                           | (mm)              | (In)                         |               |      |      |      |      |      |                  |                 |
| 1                         | 6 x 1/4           |                              | 6MFCD 4IT     | 4.8  | 15.3 | 17.7 | 28.4 | 35.8 | 19               | 14.2            |
| 2                         | 6 x 3/8           |                              | 6MFCD 6IT     | 4.8  |      |      | 30.2 | 37.6 | 22               |                 |
| 3                         | 6 x 1/2           |                              | 6MFCD 8IT     | 4.8  |      |      | 35.1 | 42.5 | 27               |                 |
| 4                         | 8 x 1/4           |                              | 8MFCD 4IT     | 6.4  | 16.2 | 18.6 | 29.5 | 37.0 | 19               | 16              |
| 5                         | 8 x 3/8           |                              | 8MFCD 6IT     | 6.4  |      |      | 31.0 | 38.5 | 22               |                 |
| 6                         | 8 x 1/2           |                              | 8MFCD 8IT     | 6.4  |      |      | 35.8 | 43.3 | 27               |                 |
| 7                         | 10 x 1/4          |                              | 10MFCD 4IT    | 7.9  | 17.2 | 19.5 | 30.2 | 37.8 | 19               | 19              |
| 8                         | 10 x 3/8          |                              | 10MFCD 6IT    | 7.9  |      |      | 31.8 | 39.4 | 22               |                 |
| 9                         | 10 x 1/2          |                              | 10MFCD 8IT    | 7.9  |      |      | 36.6 | 44.2 | 27               |                 |
| 10                        | 12 x 1/4          |                              | 12MFCD 4IT    | 9.5  | 22.8 | 22.0 | 30.2 | 40.3 | 22               | 22.2            |
| 11                        | 12 x 3/8          |                              | 12MFCD 6IT    | 9.5  |      |      | 31.8 | 41.9 | 22               |                 |
| 12                        | 12 x 1/2          |                              | 12MFCD 8IT    | 9.5  |      |      | 36.6 | 46.7 | 27               |                 |
| 13                        | 12 x 3/4          |                              | 12MFCD 12IT   | 9.5  |      |      | 38.9 | 49.0 | 35               |                 |
| 14                        | 15 x 3/8          |                              | 15MFCD 6IT    | 11.9 | 24.4 | 22.0 | 31.8 | 41.9 | 24               | 25.4            |
| 15                        | 15 x 1/2          |                              | 15MFCD 8IT    | 11.9 |      |      | 36.6 | 46.7 | 27               |                 |
| 16                        | 16 x 1/2          |                              | 16MFCD 8IT    | 11.9 | 24.4 | 22.0 | 38.3 | 48.4 | 18               | 25.4            |
| 17                        | 20 x 1/2          |                              | 20MFCD 8IT    | 15.9 | 26.0 | 22.0 | 37.8 | 47.9 | 30               | 32              |
| 18                        | 20 x 3/4          |                              | 20MFCD 12IT   | 15.9 |      |      | 39.6 | 49.7 | 35               |                 |
| 19                        | 22 x 3/4          |                              | 22MFCD 12IT   | 18.3 | 26.0 | 22.0 | 39.6 | 49.7 | 35               | 32              |
| 20                        | 22 x 1            |                              | 22MFCD 16IT   | 18.3 |      |      | 56.8 | 57.9 | 41               |                 |
| 21                        | 25 x 3/4          |                              | 25MFCD 12IT   | 21.8 | 31.3 | 26.5 | 41.1 | 53.4 | 35               | 38              |
| 22                        | 25 x 1            |                              | 25MFCD 16IT   | 21.8 |      |      | 50.0 | 62.3 | 41               |                 |

- NOTE :
- ① The E Dimension is the minimum opening.
  - ② Dimension L1, C, D is shown in the finger-tight position.
  - ③ ISO Tapered (BSPT) thread as per BS 21.

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