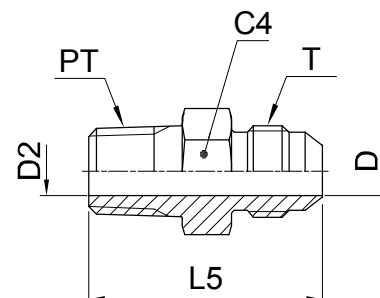


## FMTX Male stud connector

Triple-Lok® 37° Flare end / Male NPTF\* thread (SAE 476)

SAE 070102 MS51500

\*Stainless Steel = NPT to prevent galling



| Tube<br>O.D. |       | Thread<br>NPT/NPTF<br>PT | Thread<br>UN/UNF-2A<br>T | C4   | D    | D2   | L5   | Weight<br>(steel)<br>g/1 piece | Triple-Lok®<br>Steel | Triple-Lok®<br>Stainless Steel | Triple-Lok®<br>Brass | PN (bar) |     |
|--------------|-------|--------------------------|--------------------------|------|------|------|------|--------------------------------|----------------------|--------------------------------|----------------------|----------|-----|
| mm           | in.   |                          |                          | mm   | mm   | mm   | mm   |                                |                      |                                |                      | S        | SS  |
| 5            | 1/8   | 1/8-27                   | 5/16-24                  | 11   | 1.6  | 4.7  | 28   | 10                             | <b>2 FTX-S</b>       |                                |                      | 420      | —   |
|              | 3/16  | 1/8-27                   | 3/8-24                   | 11   | 3    | 3    | 29   | 12                             | <b>3 FTX-S</b>       |                                |                      | 420      | —   |
|              | 6     | 1/4                      | 7/16-20                  | 13   | 4.4  | 4.4  | 31   | 14                             | <b>4FMTXS</b>        | <b>4FMTXSS</b>                 | <b>4FMTXB</b>        | 420      | 350 |
|              | 6     | 1/4                      | 7/16-20                  | 14   | 4.4  | 4.4  | 36   | 26                             | <b>4-4FMTXS</b>      | <b>4-4FMTXSS</b>               | <b>4-4FMTXB</b>      | 420      | 350 |
| 6            | 1/4   | 3/8-18                   | 7/16-20                  | 19   | 4.4  | 4.4  | 36.5 | 26                             | <b>4-6 FTX-S</b>     | <b>4-6FMTXSS</b>               | <b>4-6FMTXB</b>      | 420      | 350 |
|              | 1/4   | 1/2-14                   | 7/16-20                  | 22.3 | 4.4  | 4.4  | 43   | 26                             | <b>4-8 FTX-S</b>     | <b>4-8FMTXSS</b>               | <b>4-8FMTXB</b>      | 420      | 350 |
|              | 8     | 5/16                     | 1/2-20                   | 14   | 6    | 5    | 31   | 17                             | <b>5FMTXS</b>        | <b>5FMTXSS</b>                 | <b>5FMTXB</b>        | 420      | 350 |
|              | 8     | 5/16                     | 1/2-20                   | 14   | 6    | 6    | 36   | 25                             | <b>5-4FMTXS</b>      | <b>5-4FMTXSS</b>               | <b>5-4FMTXB</b>      | 420      | 350 |
| 8            | 5/16  | 3/8-18                   | 1/2-20                   | 19   | 6    | 6    | 36   | 30                             | <b>5-6FMTXS</b>      | <b>5-6FMTXSS</b>               | <b>5-6FMTXB</b>      | 420      | 350 |
|              | 3/8   | 1/4-18                   | 9/16-18                  | 17   | 7.5  | 7.5  | 36.5 | 25                             | <b>6FMTXS</b>        | <b>6FMTXSS</b>                 | <b>6FMTXB</b>        | 420      | 350 |
| 10           | 3/8   | 1/8-27                   | 9/16-18                  | 16   | 7.5  | 4.7  | 31.5 | 21                             | <b>6-2 FTX-S</b>     | <b>6-2FMTXSS</b>               | <b>6-2FMTXB</b>      | 420      | 350 |
|              | 3/8   | 3/8-18                   | 9/16-18                  | 19   | 7.5  | 7.5  | 36.5 | 39                             | <b>6-6FMTXS</b>      | <b>6-6FMTXSS</b>               | <b>6-6FMTXB</b>      | 420      | 350 |
|              | 3/8   | 1/2-14                   | 9/16-18                  | 22   | 7.5  | 7.5  | 43   | 47                             | <b>6-8FMTXS</b>      | <b>6-8FMTXSS</b>               | <b>6-8FMTXB</b>      | 420      | 350 |
|              | 3/8   | 3/4-14                   | 9/16-18                  | 28.6 | 7.5  | 15.5 | 42   | 109                            | <b>6-12 FTX-S</b>    | <b>6-12FMTXSS</b>              | <b>6-12FMTXB</b>     | 420      | 350 |
| 12           | 1/2   | 3/8-18                   | 3/4-16                   | 19   | 9.9  | 9.9  | 39   | 45                             | <b>8FMTXS</b>        | <b>8FMTXSS</b>                 | <b>8FMTXB</b>        | 420      | 350 |
|              | 1/2   | 1/4-18                   | 3/4-16                   | 19   | 9.9  | 7    | 39   | 42                             | <b>8-4FMTXS</b>      | <b>8-4FMTXSS</b>               | <b>8-4FMTXB</b>      | 420      | 350 |
|              | 1/2   | 1/2-14                   | 3/4-16                   | 22   | 9.9  | 9.9  | 45.5 | 74                             | <b>8-8FMTXS</b>      | <b>8-8FMTXSS</b>               | <b>8-8FMTXB</b>      | 420      | 350 |
|              | 1/2   | 3/4-14                   | 3/4-16                   | 27   | 9.9  | 9.9  | 47   | 121                            | <b>8-12FMTXS</b>     | <b>8-12FMTXSS</b>              | <b>8-12FMTXB</b>     | 380      | 350 |
| 14, 15, 16   | 5/8   | 1/2-14                   | 7/8-14                   | 24   | 12.3 | 12.3 | 48   | 77                             | <b>10FMTXS</b>       | <b>10FMTXSS</b>                | <b>10FMTXB</b>       | 350      | 350 |
|              | 5/8   | 3/8-18                   | 7/8-14                   | 24   | 12.3 | 10   | 43   | 63                             | <b>10-6FMTXS</b>     | <b>10-6FMTXSS</b>              | <b>10-6FMTXB</b>     | 350      | 350 |
| 14, 15, 16   | 5/8   | 3/4-14                   | 7/8-14                   | 27   | 12.3 | 12.3 | 49.5 | 122                            | <b>10-12FMTXS</b>    | <b>10-12FMTXSS</b>             | <b>10-12FMTXB</b>    | 350      | 350 |
|              | 3/4   | 3/4-14                   | 1 1/16-12                | 27   | 15.5 | 15.5 | 53   | 123                            | <b>12FMTXS-S</b>     | <b>12FMTXSS</b>                | <b>12FMTXB</b>       | 350      | 350 |
| 18, 20       | 3/4   | 3/8-18                   | 1 1/16-12                | 28.5 | 15.5 | 10.3 | 47.5 | 90                             | <b>12-6 FTX-S</b>    | <b>12-6FMTXSS</b>              | <b>12-6FMTXB</b>     | 350      | 350 |
|              | 3/4   | 1/2-14                   | 1 1/16-12                | 28.5 | 15.5 | 13.5 | 52   | 103                            | <b>12-8 FTX-S</b>    | <b>12-8FMTXSS</b>              | <b>12-8FMTXB</b>     | 350      | 350 |
|              | 3/4   | 1-11.5                   | 1 1/16-12                | 35   | 15.5 | 15.5 | 57   | 176                            | <b>12-16 FTX-S</b>   | <b>12-16FMTXSS</b>             | <b>12-16FMTXB</b>    | 310      | 280 |
| 22           | 7/8   | 3/4-14                   | 1 3/16-12                | 31.7 | 18.3 | 18.3 | 53   | 137                            | <b>14 FTX-S</b>      | <b>14FMTXSS</b>                | <b>14FMTXB</b>       | 280      | 245 |
|              | 1     | 1-11.5                   | 1 5/16-12                | 36   | 21.5 | 21.5 | 58.5 | 189                            | <b>16FMTXS</b>       | <b>16FMTXSS</b>                | <b>16FMTXB</b>       | 280      | 280 |
|              | 1     | 1/2-14                   | 1 5/16-12                | 36   | 21.5 | 18   | 53.5 | 110                            | <b>16-8 FTX-S</b>    | <b>16-8FMTXSS</b>              | <b>16-8FMTXB</b>     | 280      | 280 |
|              | 1     | 3/4-14                   | 1 5/16-12                | 36   | 21.5 | 18   | 53.5 | 149                            | <b>16-12FMTXS</b>    | <b>16-12FMTXSS</b>             | <b>16-12FMTXB</b>    | 280      | 280 |
| 25           | 1     | 1 1/4-11.5               | 1 5/16-12                | 47.6 | 21.4 | 21.4 | 54   | 331                            | <b>16-20 FTX-S</b>   | <b>16-20FMTXSS</b>             | <b>16-20FMTXB</b>    | 280      | 280 |
| 28, 30, 32   | 1 1/4 | 1 1/4-11.5               | 1 5/8-12                 | 46   | 27.5 | 32   | 62   | 315                            | <b>20FMTXS</b>       | <b>20FMTXSS</b>                | <b>20FMTXB</b>       | 210      | 210 |
|              | 1 1/4 | 1-11.5                   | 1 5/8-12                 | 43   | 27.5 | 23.8 | 61.5 | 248                            | <b>20-16 FTX-S</b>   | <b>20-16FMTXSS</b>             | <b>20-16FMTXB</b>    | 280      | 210 |
|              | 1 1/2 | 1 1/2-11.5               | 1 7/8-12                 | 50   | 33   | 38   | 68   | 430                            | <b>24FMTXS</b>       | <b>24FMTXSS</b>                | <b>24FMTXB</b>       | 210      | 140 |
| 35, 38       | 1 1/2 | 1-11.5                   | 1 7/8-12                 | 51   | 33.3 | 24   | 66.5 | 310                            | <b>24-16 FTX-S</b>   | <b>24-16FMTXSS</b>             | <b>24-16FMTXB</b>    | 210      | 140 |
|              | 1 1/2 | 1 1/4-11.5               | 1 7/8-12                 | 51   | 33.3 | 31.7 | 67.5 | 359                            | <b>24-20 FTX-S</b>   | <b>24-20FMTXSS</b>             | <b>24-20FMTXB</b>    | 210      | 140 |
| 35, 38       | 1 1/2 | 2-11.5                   | 1 7/8-12                 | 66.7 | 33.3 | 33.3 | 72.5 | 720                            | <b>24-32 FTX-S</b>   | <b>24-32FMTXSS</b>             | <b>24-32FMTXB</b>    | 140      | 140 |
|              | 2     | 2-11.5                   | 2 1/2-12                 | 66.7 | 45.2 | 45.2 | 79   | 858                            | <b>32 FTX-S</b>      | <b>32FMTXSS</b>                | <b>32FMTXB</b>       | 140      | 105 |
|              | 2     | 1 1/2-11.5               | 2 1/2-12                 | 66.7 | 45.2 | 38   | 78   | 720                            | <b>32-24 FTX-S</b>   | <b>32-24FMTXSS</b>             | <b>32-24FMTXB</b>    | 140      | 105 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

PN (bar) = PN (MPa)  
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Pressure ratings – PN shown, apply to Steel and Stainless Steel versions of the product.

For Brass parts reduce pressures by 35%.

Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

