

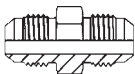
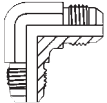
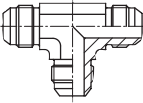
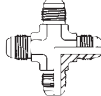
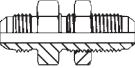
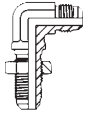
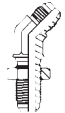
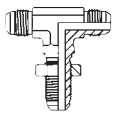
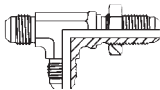

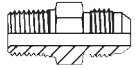
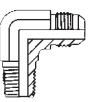
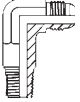
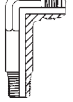
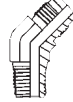
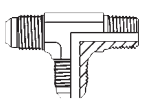
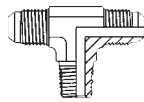

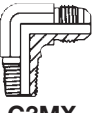
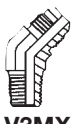
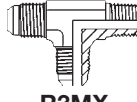



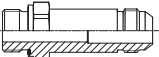
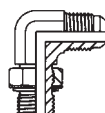
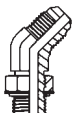
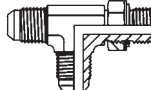
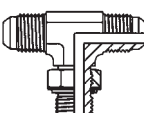

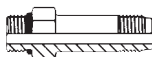

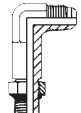

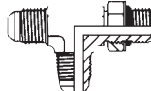
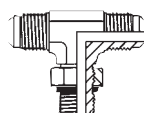

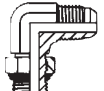

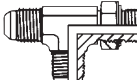
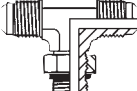




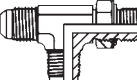
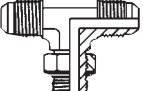
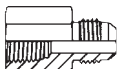
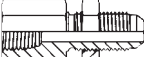
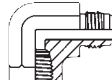

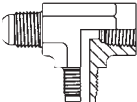
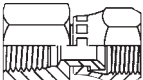


Triple-Lok[®]

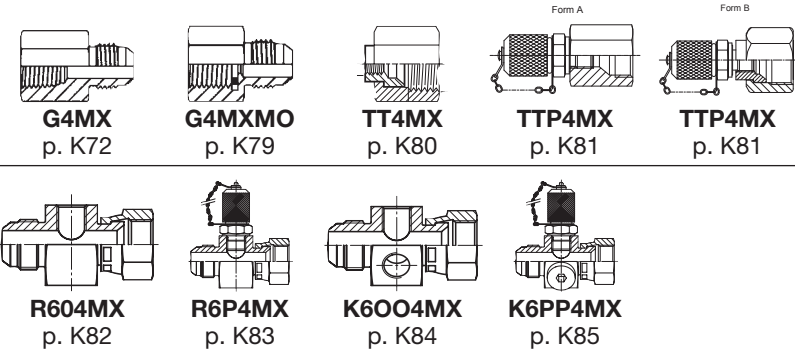

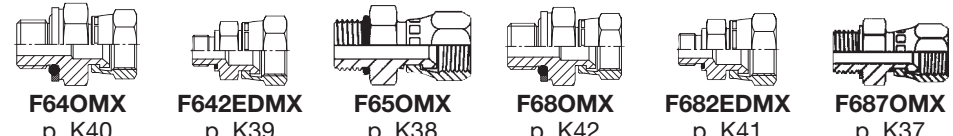

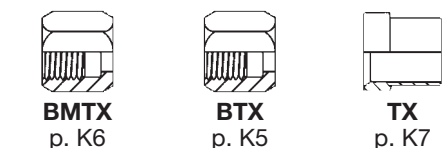
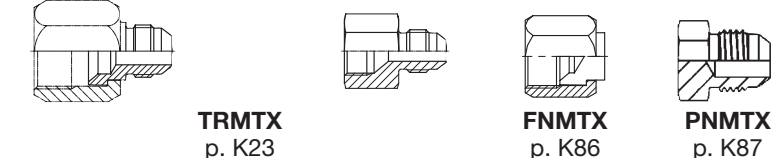


*The universal
37° flared fitting*



Visual index

| | | | | | | | |
|--------------------------------|--|---|--|--|---|---|---|
| Tube to tube |  HMTX p. K9 |  EMTX p. K10 |  JMTX p. K11 |  KTX p. K12 | | | |
| Bulkhead union |  WMTX p. K13 |  WEMTX p. K14 |  WNTX p. K15 |  WJTX p. K16 |  WJJTX p. K17 |  WLNM p. K91 | |
| Tube to male NPTF |  FMTX p. K35 |  CMTX p. K50 |  CCTX p. K51 |  CCCTX p. K52 |  VMTX p. K58 |  RMTX p. K70 |  SMTX p. K64 |
| Tube to male BSPT |  F3MX p. K36 |  C3MX p. K53 |  V3MX p. K59 |  R3MX p. K71 |  S3MX p. K65 | | |
| Tube to male BSPP |  F4OMX p. K32 |  F42EDMX p. K30 |  FF42EDMX p. K31 |  C4OMX p. K48 |  V4OMX p. K56 |  R4OMX p. K68 |  S4OMX p. K62 |
| Tube to straight thread UNF |  F5OMX p. K27 |  FF5OMX p. K29 |  C5OMX p. K46 |  CC5OX p. K47 |  V5OMX p. K55 |  R5OMX p. K67 |  S5OMX p. K61 |
| Tube to male metric ISO 6149-3 |  F87OMX p. K26 |  C87OMX p. K45 |  V87OMX p. K54 |  R87OMX p. K66 |  S87OMX p. K60 | | |
| Tube to male metric DIN 3852-1 |  F8OMX p. K34 |  F82EDMX p. K33 |  C8OMX p. K49 |  V8OMX p. K57 |  R8OMX p. K69 |  S8OMX p. K63 | |
| Tube to female NPTF |  GMTX p. K73 |  WGMTX p. K74 |  DMTX p. K75 |  OTX p. K76 |  MTX p. K77 |  G6X p. K78 | |

Visual index

| | |
|--|---|
| <p>Pressure gauge connectors</p> |  <p>G4MX p. K72</p> <p>G4MXMO p. K79</p> <p>TT4MX p. K80</p> <p>TTP4MX p. K81</p> <p>TTP4MX p. K81</p> <p>R604MX p. K82</p> <p>R6P4MX p. K83</p> <p>K6004MX p. K84</p> <p>K6PP4MX p. K85</p> |
| <p>Triple-Lok® swivel nut male pipe</p> |  <p>F6MX p. K41</p> <p>F63MX p. K44</p> |
| <p>Triple-Lok® swivel nut straight thread</p> |  <p>F64OMX p. K40</p> <p>F642EDMX p. K39</p> <p>F65OMX p. K38</p> <p>F68OMX p. K42</p> <p>F682EDMX p. K41</p> <p>F687OMX p. K37</p> |
| <p>Tube to Triple-Lok® swivel nut</p> |  <p>C6MX p. K18</p> <p>V6MX p. K19</p> <p>R6MX p. K21</p> <p>S6MX p. K20</p> <p>BBMTX p. K22</p> <p>HMX6 p. K24</p> <p>JX6 p. K25</p> |
| <p>Nuts & Sleeves</p> |  <p>BMTX p. K6</p> <p>BTX p. K5</p> <p>TX p. K7</p> |
| <p>Tube end reducers Plug Caps</p> |  <p>TRMTX p. K23</p> <p>FNMTX p. K86</p> <p>PNMTX p. K87</p> |
| <p>Conversion Adapters Triple-Lok®/ O-Lok®</p> |  <p>XHML0 p. K88</p> <p>XHML6 p. K89</p> <p>LOHMX6 p. K90</p> |
| <p>Seals Retaining ring and Tooling</p> |  <p>Triple-Lok® Components p. K92</p> |

K

How to order Triple-Lok® fittings

Example Order code **6-8 C 5 O M X S**

1 2 3 4 5 6 7

1 Order codes for tube and port thread ends

| Dash Size | Tube Size (Inch) | Tube Size (mm) | Port Thread Size (Inch) BSPP/BSPT/NPT | Port Thread Size UN / UNF |
|-----------|------------------|----------------|---------------------------------------|---------------------------|
| 2 | 1/8 | | 1/8 | 5/16-24 |
| 3 | 3/16 | | | 3/8-24 |
| 4 | 1/4 | 6 | 1/4 | 7/16-20 |
| 5 | | | | 1/2-20 |
| 6 | 3/8 | 8,10 | 3/8 | 9/16-18 |
| 8 | 1/2 | 12 | 1/2 | 3/4-16 |
| 10 | 5/8 | 14,15,16 | 5/8 | 7/8-14 |
| 12 | 3/4 | 18,20 | 3/4 | 1 1/6-12 |
| 14 | | | | 1 3/6-12 |
| 16 | 1 | 25 | 1 | 1 5/6-12 |
| 20 | 1 1/4 | 28,30,32 | 1 1/4 | 1 5/8-12 |
| 24 | 1 1/2 | 35,38 | 1 1/2 | 1 7/8-12 |
| 28 | | 42 | | 2 1/4-12 |
| 32 | 2 | 50 | 2 | 2 1/2-12 |

Metric port threads are shown as per example 4M12C87OMXS

3 Threads and sealing methods

| Code | Description |
|------|--|
| None | NPT/NPTF Thread |
| 3 | BSPT Thread |
| 4 | BSPP Thread O-Ring & Retainer Ring |
| 42 | BSPP Thread EOLASTIC seal 'ED' |
| 5 | UN/UNF Thread (O-Ring Seal) |
| 8 | Metric Thread O-Ring & Retainer Ring |
| 82 | Metric Thread EOLASTIC seal 'ED' |
| 87 | Metric ISO 6149 Thread (O-Ring Seal) |
| 63 | Swivel Connector BSPT end |
| 64 | Swivel Connector BSPP end (O-Ring & Retainer Ring) |
| 642 | Swivel Connector BSPP end (EOLASTIC Seal 'ED') |
| 65 | Swivel Connector UN/UNF end (O-Ring seal) |
| 68 | Swivel Connector Metric end (O-Ring & Retainer Ring) |
| 682 | Swivel Connector Metric end (EOLASTIC Seal 'ED') |
| 687 | Swivel Connector Metric ISO 6149 end |

2 Codes for fitting styles/shapes

| Code | Description |
|-------|-------------------------------------|
| AE6 | Straight Thread Swivel |
| B | Nut |
| C | Male Stud elbow |
| CC | Long Male Stud elbow |
| CCC | Extra Long Male Stud elbow |
| C6 | Swivel Nut Elbow |
| D | Female Elbow |
| E | Union elbow |
| F | Male Stud connector |
| FF | Long Male Stud connector |
| F6 | Male Stud Swivel |
| FN | Cap |
| G | Female Connector |
| G-MO | Gauge Adapter Fitting |
| G6 | Female Connector Swivel |
| H | Straight union |
| H6 | Swivel/Swivel Adapter |
| J | Union Tee |
| J6 | Swivel Tee |
| K | Union Cross |
| LOHX6 | Triple-Lok® Swivel/O-Lok® Adapter |
| M | Female Run Tee |
| O | Female Branch Tee |
| PN | Plug |
| R | Male Stud Run Tee |
| R6 | Swivel Run Tee |
| S | Male Stud Branch Tee |
| S6 | Swivel Branch Tee |
| T | Sleeve |
| TR | Tube End Reducer |
| TT | Test Point Adapter |
| V | 45° male stud elbow |
| V6 | Swivel Nut 45° Elbow |
| W | Bulkhead Union |
| WE | Bulkhead Union Elbow |
| WG | Female Bulkhead connector |
| WJJ | Bulkhead Run Tee |
| WJT | Bulkhead Branch Tee |
| WLN | Bulkhead Locknut |
| WN | Bulkhead 45° union elbow |
| XHL | Triple Lok® / O-Lok® Adaptor |
| XHL6 | Triple Lok® / O-Lok® Swivel Adaptor |

4 Stud connector seal

| Code | Description |
|---------|--|
| O | O-Ring Seal (Assembled on fitting) |
| ED | Captive EOLASTIC Seal (Assembled on fitting) |
| No Code | No Seal (O-Ring not assembled on fitting) |

5 Hexagon/ Across flats style

| Code | Description |
|---------|--------------------------|
| M | Metric Hexagon Dimension |
| No Code | Inch Hexagon Dimension |

6 Fitting type

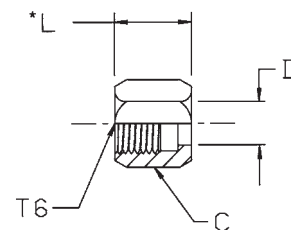
| Code | Description |
|------|--------------------|
| X | Parker Triple-Lok® |

7 Fitting material

| Code | Description |
|------|-----------------|
| S | Steel |
| SS | Stainless Steel |
| B | Brass |

BTX Nut

Triple-Lok® 37° Flare end nut
SAE 070110 MS51531



| Tube O.D. mm | Tube O.D. in. | Thread UN/UNF-2B T6 | C in. | D mm | L mm | Weight (steel) g/1 piece | Triple-Lok® | | |
|----------------------|---------------------|---------------------------|----------|---------|---------|--------------------------------|------------------|-------------------|------------------|
| | | | | | | | Steel | Stainless Steel | Brass |
| 6 | 1/8 | 5/16-24 | 3/8 | 4.5 | 14 | 6 | 2 BTX-S | 2 BTX-SS | 2 BTX-B |
| | 3/16 | 3/8-24 | 7/16 | 6 | 15.5 | 8 | 3 BTX-S | 3 BTX-SS | 3 BTX-B |
| | 1/4 | 7/16-20 | 9/16 | 8 | 16 | 11 | 4 BTX-S | 4 BTX-SS | 4 BTX-B |
| | 5/16 | 1/2-20 | 5/8 | 9.5 | 17 | 14 | 5 BTX-S | 5 BTX-SS | 5 BTX-B |
| 10 | 3/8 | 9/16-18 | 11/16 | 11 | 18.5 | 18 | 6 BTX-S | 6 BTX-SS | 6 BTX-B |
| 14, 15, 16 | 1/2 | 3/4-16 | 7/8 | 14.5 | 21.5 | 29 | 8 BTX-S | 8 BTX-SS | 8 BTX-B |
| | 5/8 | 7/8-14 | 1 | 18 | 25 | 54 | 10 BTX-S | 10 BTX-SS | 10 BTX-B |
| | 3/4 | 1 1/16-12 | 1 1/4 | 21 | 26 | 73 | 12 BTX-S* | 12 BTX-SS* | 12 BTX-B* |
| | 7/8 | 1 3/16-12 | 1 3/8 | 24 | 27.5 | 100 | 14 BTX-S | 14 BTX-SS | 14 BTX-B |
| | 1 | 1 5/16-12 | 1 1/2 | 27.5 | 28.5 | 104 | 16 BTX-S | 16 BTX-SS | 16 BTX-B |
| 28, 30, 32 35, 38 | 1 1/4 | 1 5/8-12 | 2 | 34 | 31 | 240 | 20 BTX-S | 20 BTX-SS | 20 BTX-B |
| | 1 1/2 | 1 7/8-12 | 2 1/4 | 41 | 36 | 325 | 24 BTX-S | 24 BTX-SS | 24 BTX-B |
| | 2 | 2 1/2-12 | 2 7/8 | 55 | 44.5 | 549 | 32 BTX-S | 32 BTX-SS | 32 BTX-B |

Order codes shown are part of our current manufacturing programme.

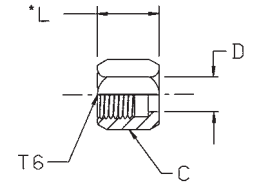
Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

***Size 12 BTX-S cannot be used with the metric tube sleeve TXS20 or 20 mm tubes.
This applies to steel, stainless steel and brass.**

K

BMTX Nut

Triple-Lok® 37° Flare end nut
SAE 070110



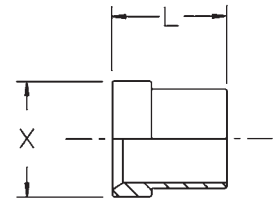
| Tube O.D. | | Thread UN/UNF-2B T6 | C mm | D mm | L mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel |
|------------|-------|---------------------|------|------|------|--------------------------|-------------------|-----------------------------|
| mm | in. | | | | | | | |
| 6 | 1/4 | 7/16-20 | 14 | 8 | 15.5 | 11 | 4BMTXS | 4BMTXSS |
| 8 | 5/16 | 1/2-20 | 17 | 10 | 17 | 14 | 5BMTXS | 5BMTXSS |
| 10 | 3/8 | 9/16-18 | 19 | 11 | 18 | 18 | 6BMTXS | 6BMTXSS |
| 12 | 1/2 | 3/4-16 | 22 | 14.5 | 21 | 29 | 8BMTXS | 8BMTXSS |
| 14, 15, 16 | 5/8 | 7/8-14 | 27 | 18 | 24.5 | 42 | 10BMTXS | 10BMTXSS |
| 18, 20 | 3/4 | 1 1/16-12 | 32 | 22 | 26 | 73 | 12BMTXS | 12BMTXSS |
| 25 | 1 | 1 5/16-12 | 41 | 28 | 28 | 104 | 16BMTXS | 16BMTXSS |
| 28, 30, 32 | 1 1/4 | 1 5/8-12 | 50 | 34 | 33 | 240 | 20BMTXS | 20BMTXSS |
| 35, 38 | 1 1/2 | 1 7/8-12 | 60 | 41 | 38 | 325 | 24BMTXS | 24BMTXSS |
| 42 | | 2 1/4-12 | 65 | 48 | 40 | 437 | 28BMTXS | 28BMTXSS |

Order codes shown are part of our current manufacturing programme.

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

TX Sleeve

Triple-Lok® 37° Flare tube end sleeve for metric tubes
SAE 070105



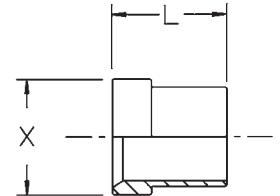
| Tube O.D. mm | L mm | X mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | Triple-Lok® Brass |
|--------------------|---------|---------|--------------------------------|----------------------|--------------------------------|----------------------|
| 6 | 10 | 9.5 | 2 | TXS6 | TXSS6 | TXB6 |
| 8 | 11 | 11 | 2 | TXS8 | TXSS8 | TXB8 |
| 10 | 12.5 | 12.5 | 2 | TXS10 | TXSS10 | TXB10 |
| 12 | 14 | 17 | 7 | TXS12 | TXSS12 | TXB12 |
| 14 | 17 | 20 | 13 | TXS14 | TXSS14 | TXB14 |
| 15 | 17 | 20 | 10 | TXS15 | TXSS15 | TXB15 |
| 16 | 17 | 20 | 7 | TXS16 | TXSS16 | TXB16 |
| 18 | 17.5 | 24.5 | 16 | TXS18 | TXSS18 | TXB18 |
| 20 | 17.5 | 24.5 | 12 | TXS20 | TXSS20 | TXB20 |
| 22 | 19 | 28 | 25 | TXS22 | TXSS22 | TXB22 |
| 25 | 20 | 31 | 21 | TXS25 | TXSS25 | TXB25 |
| 28 | 23 | 39 | 40 | TXS28 | TXSS28 | TXB28 |
| 30 | 23 | 39 | 45 | TXS30 | TXSS30 | TXB30 |
| 32 | 23 | 39 | 30 | TXS32 | TXSS32 | TXB32 |
| 35 | 28.5 | 45 | 60 | TXS35 | TXSS35 | TXB35 |
| 38 | 28.5 | 45 | 51 | TXS38 | TXSS38 | TXB38 |
| 42 | 29 | 55 | 149 | TXS42 | TXSS42 | TXB42 |

Order codes shown are part of our current manufacturing programme.
Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

K

TX Sleeve

Triple-Lok® 37° Flare tube sleeve
SAE 070105 MS51533



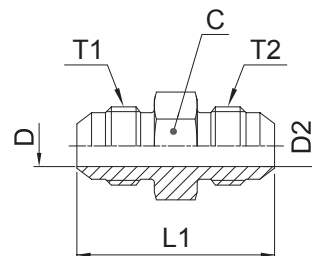
| Tube O.D. in. | L mm | X mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | Triple-Lok® Brass |
|---------------|------|------|--------------------------|-------------------|-----------------------------|-------------------|
| 1/8 | 8.5 | 7 | 2 | 2 TX-S | 2 TX-SS | 2 TX-B |
| 3/16 | 8.5 | 8 | 2 | 3 TX-S | 3 TX-SS | 3 TX-B |
| 1/4 | 10.5 | 10 | 2 | 4 TX-S | 4 TX-SS | 4 TX-B |
| 5/16 | 11 | 11.5 | 2 | 5 TX-S | 5 TX-SS | 5 TX-B |
| 3/8 | 12.5 | 13 | 3 | 6 TX-S | 6 TX-SS | 6 TX-B |
| 1/2 | 14 | 17 | 6 | 8 TX-S | 8 TX-SS | 8 TX-B |
| 5/8 | 17 | 20 | 8 | 10 TX-S | 10 TX-SS | 10 TX-B |
| 3/4 | 17 | 24.5 | 13 | 12 TX-S | 12 TX-SS | 12 TX-B |
| 7/8 | 19 | 28 | 18 | 14 TX-S | 14 TX-SS | 14 TX-B |
| 1 | 20 | 31 | 23 | 16 TX-S | 16 TX-SS | 16 TX-B |
| 1 1/4 | 23 | 39 | 30 | 20 TX-S | 20 TX-SS | 20 TX-B |
| 1 1/2 | 28 | 45 | 51 | 24 TX-S | 24 TX-SS | 24 TX-B |
| 2 | 30 | 61 | 156 | 32 TX-S | 32 TX-SS | 32 TX-B |

Order codes shown are part of our current manufacturing programme.

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

HMTX Union

Triple-Lok® 37° Flare ends
SAE 070101 MS51501



| Tube 1 O.D. | | Tube 2 O.D. | | Thread UN/UNF-2A T1 | Thread UN/UNF-2A T2 | C | D | D2 | L1 | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | Triple-Lok® Brass | PN (bar) | | |
|----------------|-------|----------------|------------|---------------------------|---------------------------|-----------|------|------|------|--------------------------------|----------------------|--------------------------------|----------------------|-------------------|-----|-----|
| mm | in. | mm | in. | | | mm | mm | mm | mm | | | | | S | SS | |
| 6 | 1/8 | 6 | 1/8 | 5/16-24 | 5/16-24 | 11 | 1.5 | 1.5 | 30 | 9 | 2 HTX-S | | | 500 | — | |
| | 3/16 | | 3/16 | 3/8-24 | 3/8-24 | 11 | 3 | 3 | 31 | 10 | 3 HTX-S | | | 500 | — | |
| | 1/4 | | 1/4 | 7/16-20 | 7/16-20 | 14 | 4.5 | 4.5 | 35 | 16 | 4HMTXS | 4HMTXSS | 4HMTXB | 500 | 350 | |
| | 1/4 | | 1/8 | 7/16-20 | 5/16-24 | 12.5 | 4.4 | 1.6 | 32 | 12 | 4-2 HTX-S | 4-2HMTXSS | 4-2HMTXB | 500 | 350 | |
| 6 | 1/4 | 6 | 3/16 | 7/16-20 | 3/8-24 | 12.5 | 4.4 | 3 | 33 | 14 | 4-3 HTX-S | 4-3HMTXSS | 4-3HMTXB | 500 | 350 | |
| 8 | 5/16 | | 8 | 5/16 | 1/2-20 | 14 | 6 | 6 | 35 | 18 | 5HMTXS | 5HMTXSS | 5HMTXB | 420 | 350 | |
| 8 | 5/16 | | 6 | 1/4 | 1/2-20 | 7/16-20 | 14 | 6 | 4.5 | 35 | 18 | 5-4HMTXS | 5-4HMTXSS | 5-4HMTXB | 420 | 350 |
| 10 | 3/8 | | 10 | 3/8 | 9/16-18 | 9/16-18 | 17 | 7.5 | 7.5 | 36 | 25 | 6HMTXS | 6HMTXSS | 6HMTXB | 420 | 350 |
| 10 | 3/8 | 6 | 1/4 | 9/16-18 | 7/16-20 | 17 | 7.5 | 4.5 | 35.5 | 22 | 6-4HMTXS | 6-4HMTXSS | 6-4HMTXB | 420 | 350 | |
| 10 | 3/8 | | 5/16 | 9/16-18 | 1/2-20 | 17 | 7.5 | 6 | 36 | 25 | 6-5 HTX-S | 6-5HMTXSS | 6-5HMTXB | 420 | 350 | |
| 12 | 1/2 | 12 | 1/2 | 3/4-16 | 3/4-16 | 19 | 9.9 | 9.9 | 41 | 52 | 8HMTXS | 8HMTXSS | 8HMTXB | 420 | 350 | |
| 12 | 1/2 | | 6 | 1/4 | 3/4-16 | 7/16-20 | 20.6 | 9.9 | 4.5 | 38.5 | 45 | 8-4 HTX-S | 8-4HMTXSS | 8-4HMTXB | 420 | 350 |
| 12 | 1/2 | | 10 | 3/8 | 3/4-16 | 9/16-18 | 20.6 | 9.9 | 7.5 | 38.5 | 45 | 8-6 HTX-S | 8-6HMTXSS | 8-6HMTXB | 420 | 350 |
| 14, 15, 16 | 5/8 | 14, 15, 16 | 5/8 | 7/8-14 | 7/8-14 | 24 | 12 | 12 | 48 | 80 | 10HMTXS | 10HMTXSS | 10HMTXB | 350 | 350 | |
| 14, 15, 16 | 5/8 | | 10 | 3/8 | 7/8-14 | 9/16-18 | 24 | 12.3 | 7.5 | 43 | 60 | 10-6HMTXS | 10-6HMTXSS | 10-6HMTXB | 350 | 350 |
| 14, 15, 16 | 5/8 | 18, 20 | 1/2 | 7/8-14 | 3/4-16 | 23.8 | 12.3 | 9.9 | 45 | 68 | 10-8 HTX-S | 10-8HMTXSS | 10-8HMTXB | 350 | 350 | |
| 18, 20 | 3/4 | | 18, 20 | 3/4 | 1 1/16-12 | 1 1/16-12 | 27 | 15.5 | 15.5 | 55 | 125 | 12HMTXS | 12HMTXSS | 12HMTXB | 350 | 350 |
| 18, 20 | 3/4 | | 12 | 1/2 | 1 1/16-12 | 3/4-16 | 28.5 | 15.5 | 9.9 | 49.5 | 101 | 12-8 HTX-S | 12-8HMTXSS | 12-8HMTXB | 350 | 350 |
| 20 | 3/4 | | 14, 15, 16 | 5/8 | 1 1/16-12 | 7/8-14 | 27 | 15.5 | 12.3 | 52 | 113 | 12-10HMTXS | 12-10HMTXSS | 12-10HMTXB | 350 | 350 |
| 22 | 7/8 | 22 | 7/8 | 1 3/16-12 | 1 3/16-12 | 32 | 18 | 18 | 56 | 156 | 14 HTX-S | 14HMTXSS | 14HMTXB | 280 | 280 | |
| 25 | 1 | 28, 30, 32 | 1 | 1 5/16-12 | 1 5/16-12 | 36 | 21.5 | 21.5 | 57 | 131 | 16HMTXS | 16HMTXSS | 16HMTXB | 280 | 280 | |
| 25 | 1 | | 20 | 3/4 | 1 5/16-12 | 1 1/16-12 | 36 | 21.5 | 15.5 | 56 | 169 | 16-12HMTXS | 16-12HMTXSS | 16-12HMTXB | 280 | 280 |
| 28, 30, 32 | 1 1/4 | | 1 1/4 | 1 5/8-12 | 1 5/8-12 | 46 | 27.5 | 27.5 | 62 | 271 | | 20HMTXS | 20HMTXSS | 20HMTXB | 280 | 210 |
| 28, 30, 32 | 1 1/4 | | 18, 20 | 3/4 | 1 5/8-12 | 1 1/16-12 | 46 | 27.5 | 15.5 | 59.5 | 302 | 20-12HMTXS | 20-12HMTXSS | 20-12HMTXB | 280 | 210 |
| 28, 30, 32 | 1 1/4 | 25 | 1 | 1 5/8-12 | 1 5/16-12 | 46 | 27.5 | 21.5 | 60.5 | 313 | 20-16HMTXS | 20-16HMTXSS | 20-16HMTXB | 280 | 210 | |
| 35, 38 | 1 1/2 | 35, 38 | 1 1/2 | 1 7/8-12 | 1 7/8-12 | 50 | 33 | 33 | 70 | 382 | 24HMTXS | 24HMTXSS | 24HMTXB | 210 | 210 | |
| 42 | | | 42 | | 2 1/4-12 | 2 1/4-12 | 60 | 39 | 39 | 71.5 | 469 | 28HMTXS | 28HMTXSS | 28HMTXB | 140 | 150 |
| | 2 | | 2 | | 2 1/2-12 | 2 1/2-12 | 67 | 45 | 45 | 86.5 | 785 | 32 HTX-S | 32HMTXSS | 32HMTXB | 140 | 150 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

Pressure ratings – PN shown, apply to Steel and Stainless Steel versions of the product.

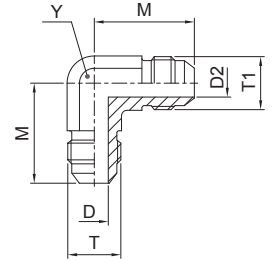
For Brass parts reduce pressures by 35%.

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



EMTX Union elbow

Triple-Lok® 37° Flare ends
SAE 070201 MS51505



| Tube O.D. | | Thread UN/UNF-2A T | Thread UN/UNF-2A T1 | D mm | D2 mm | M mm | M1 mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | Triple-Lok® Brass | PN (bar) | |
|------------|-------|--------------------|---------------------|------|-------|------|-------|------|--------------------------|--------------------|-----------------------------|--------------------|----------|-----|
| mm | in. | | | | | | | | | | | | S | SS |
| 6 | 1/8 | 5/16-24 | 5/16-24 | 1.6 | 1.6 | 20 | 20 | 11 | 18 | 2 ETX-S | | | 500 | — |
| | 3/16 | 3/8-24 | 3/8-24 | 3 | 3 | 21 | 21 | 11 | 20 | 3 ETX-S | | | 500 | — |
| | 1/4 | 7/16-20 | 7/16-20 | 4.4 | 4.4 | 22.5 | 22.5 | 11 | 25 | 4EMTXS | 4EMTXSS | 4 ETX-B | 500 | 350 |
| | 5/16 | 1/2-20 | 1/2-20 | 6 | 6 | 24 | 24 | 13 | 32 | 5EMTXS | 5EMTXSS | 5 ETX-B | 420 | 350 |
| 8 | 3/8 | 9/16-18 | 9/16-18 | 7.5 | 7.5 | 27 | 27 | 14 | 44 | 6EMTXS | 6EMTXSS | 6 ETX-B | 420 | 350 |
| 10 | 3/8 | 9/16-18 | 7/16-20 | 7.5 | 4.4 | 27 | 27 | 14 | 40 | 6-4 ETX-S | 6-4EMTXSS | 6-4 ETX-B | 420 | 350 |
| 12 | 1/2 | 3/4-16 | 3/8-24 | 9.9 | 9.9 | 32 | 32 | 19 | 88 | 8EMTXS | 8EMTXSS | 8 ETX-B | 420 | 350 |
| 12 | 1/2 | 3/4-16 | 3/4-16 | 9.9 | 7.5 | 32 | 29 | 19 | 75 | 8-6 ETX-S | 8-6EMTXSS | | 420 | — |
| 14, 15, 16 | 5/8 | 7/8-14 | 7/8-14 | 12.3 | 12.3 | 37 | 37 | 22 | 139 | 10EMTXS | 10EMTXSS | 10 ETX-B | 350 | 350 |
| 14, 15, 16 | 5/8 | 7/8-14 | 3/4-16 | 12.3 | 9.9 | 37 | 34 | 22 | 120 | 10-8 ETX-S | 10-8EMTXSS | 10-8 ETX-B | 350 | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 1 1/16-12 | 15.5 | 15.5 | 42 | 42 | 27 | 258 | 12EMTXS | 12EMTXSS | 12 ETX-B | 350 | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 3/4-16 | 15.5 | 9.9 | 42 | 36 | 27 | 220 | 12-8 ETX-S | 12-8EMTXSS | | 350 | — |
| 18, 20 | 3/4 | 1 1/16-12 | 7/8-14 | 15.5 | 12.3 | 42 | 39 | 27 | 240 | 12-10 ETX-S | 12-10EMTXSS | | 350 | — |
| 22 | 7/8 | 1 3/16-12 | 1 3/16-12 | 18.3 | 18.3 | 45.5 | 45.5 | 30 | 273 | 14 ETX-S | 14EMTXSS | | 280 | — |
| 22, 25 | 1 | 1 5/16-12 | 1 5/16-12 | 21.5 | 21.5 | 46 | 46 | 33 | 333 | 16EMTXS | 16EMTXSS | 16 ETX-B | 280 | 280 |
| 22, 25 | 1 | 1 5/16-12 | 1 1/16-12 | 21.5 | 15.5 | 46 | 45 | 33 | 310 | 16-12 ETX-S | 16-12EMTXSS | 16-12 ETX-B | 280 | 280 |
| 28, 30, 32 | 1 1/4 | 1 5/8-12 | 1 5/8-12 | 27.5 | 27.5 | 52 | 52 | 41 | 586 | 20EMTXS | 20EMTXSS | 20 ETX-B | 280 | 210 |
| 35, 38 | 1 1/2 | 1 7/8-12 | 1 7/8-12 | 33 | 33 | 59 | 59 | 48 | 778 | 24EMTXS | 24EMTXSS | 24 ETX-B | 210 | 140 |
| 42 | 1 3/4 | 2 1/4-12 | 2 1/4-12 | 39 | 39 | 74 | 74 | 63 | 1100 | 28 ETX-S | | | 140 | — |
| | 2 | 2 1/2-12 | 2 1/2-12 | 45 | 45 | 78 | 78 | 64 | 1680 | 32 ETX-S | | | 140 | — |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

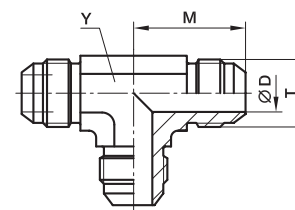
Pressure ratings – PN shown, apply to Steel and Stainless Steel versions of the product.

For Brass parts reduce pressures by 35%.

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

JMTX Union tee

Triple-Lok® 37° Flare end (three ends)
SAE 070401 MS51510



| Tube O.D. mm | Tube O.D. in. | Thread UN/UNF-2A T | D mm | M mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | Triple-Lok® Brass | PN (bar) | |
|--------------------|---------------------|--------------------------|---------|---------|---------|--------------------------------|----------------------|--------------------------------|----------------------|----------|-----|
| | | | | | | | | | | S | SS |
| 6 | 1/8 | 5/16-24 | 1.6 | 19.5 | 8 | 25 | 2 JTX-S | | | 500 | — |
| | 3/16 | 3/8-24 | 3 | 21 | 11 | 30 | 3 JTX-S | | | 500 | — |
| | 1/4 | 7/16-20 | 4.4 | 22.5 | 11 | 33 | 4JMTXS | 4JMTXSS | 4 JTX-B | 500 | 350 |
| | 5/16 | 1/2-20 | 6 | 24 | 13 | 42 | 5JMTXS | 5JMTXSS | 5 JTX-B | 420 | 350 |
| 8 | 3/8 | 9/16-18 | 7.5 | 27 | 14 | 53 | 6JMTXS | 6JMTXSS | 6 JTX-B | 420 | 350 |
| 14, 15, 16 | 1/2 | 3/4-16 | 9.9 | 32 | 19 | 118 | 8JMTXS | 8JMTXSS | 8 JTX-B | 420 | 350 |
| | 5/8 | 7/8-14 | 12.3 | 27 | 22 | 182 | 10JMTXS | 10JMTXSS | 10 JTX-B | 350 | 350 |
| | 3/4 | 1 1/16-12 | 15.5 | 42 | 27 | 291 | 12JMTXS | 12JMTXSS | 12 JTX-B | 350 | 350 |
| | 7/8 | 1 3/16-12 | 18 | 45.8 | 33 | 403 | 14 JTX-S | 14JMTXSS | 14 JTX-B | 280 | 245 |
| | 1 | 1 5/16-12 | 21.5 | 46 | 33 | 415 | 16JMTXS | 16JMTXSS | 16 JTX-B | 280 | 280 |
| 28, 30, 32 | 1 1/4 | 1 5/8-12 | 27.5 | 52 | 41 | 706 | 20JMTXS | 20JMTXSS | 20 JTX-B | 280 | 210 |
| 35, 38 | 1 1/2 | 1 7/8-12 | 33 | 59 | 48 | 990 | 24 JTX-S | 24JMTXSS | 24 JTX-B | 210 | 140 |
| 42 | 1 3/4 | 2 1/4-12 | 39 | 74.5 | 63 | 2270 | 28 JTX-S | | | 140 | — |
| | 2 | 2 1/2-12 | 45 | 78 | 63.5 | 2450 | 32 JTX-S | | | 140 | — |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

Pressure ratings – PN shown, apply to Steel and Stainless Steel versions of the product.

For Brass parts reduce pressures by 35%.

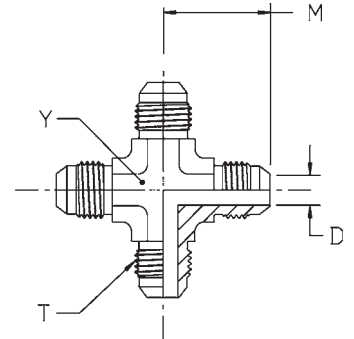
Union tee reducing up on request.

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

K

KTX Union cross

Triple-Lok® 37° Flare end (four ends)
SAE 070501 MS51517



| Tube O.D. | | Thread UN/UNF-2A T | D mm | M mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | Triple-Lok® Brass | PN (bar) | |
|------------|------|--------------------|------|------|------|--------------------------|-------------------|-----------------------------|-------------------|----------|-----|
| mm | in. | | | | | | | | | S | SS |
| 6 | 1/4 | 7/16-20 | 4.4 | 22.5 | 11 | 41 | 4 KTX-S | 4 KTX-SS | 4 KTX-B | 500 | 350 |
| 8 | 5/16 | 1/2-20 | 6 | 24 | 14 | 50 | 5 KTX-S | 5 KTX-SS | 5 KTX-B | 420 | 350 |
| 10 | 3/8 | 9/16-18 | 7.5 | 27 | 14 | 68 | 6 KTX-S | 6 KTX-SS | 6 KTX-B | 420 | 350 |
| 12 | 1/2 | 3/4-16 | 9.9 | 31.8 | 19 | 144 | 8 KTX-S | 8 KTX-SS | 8 KTX-B | 420 | 350 |
| 14, 15, 16 | 5/8 | 7/8-14 | 12 | 37 | 22 | 220 | 10 KTX-S | 10 KTX-SS | 10 KTX-B | 350 | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 15.5 | 42 | 27 | 345 | 12 KTX-S | 12 KTX-SS | 12 KTX-B | 350 | 350 |
| 25 | 1 | 1 5/16-12 | 21.5 | 46 | 33 | 588 | 16 KTX-S | 16 KTX-SS | 16 KTX-B | 280 | 280 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

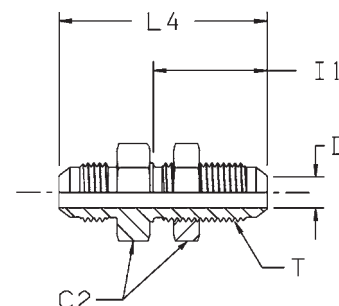
Pressure ratings – PN shown, apply to Steel and Stainless Steel versions of the product.

For Brass parts reduce pressures by 35%.

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

WMTX Bulkhead union

Triple-Lok® 37° Flare ends
SAE 070601 MS51520



| Tube O.D. | | Thread UN/UNF-2A T | C2 mm | D mm | I1 mm | L4 mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | Triple-Lok® Brass | PN (bar) | |
|------------|-------|--------------------|-------|------|-------|-------|--------------------------|-------------------|-----------------------------|-------------------|----------|-----|
| mm | in. | | | | | | | | | | S | SS |
| 6 | 1/4 | 7/16-20 | 17 | 4.4 | 30.5 | 52.5 | 41 | 4WMTXWLNMS | 4WMTXWLNMS | 4WMTXWLNMB | 500 | 350 |
| 8 | 5/16 | 1/2-20 | 19 | 6 | 30.5 | 52.5 | 49 | 5WMTXWLNMS | 5WMTXWLNMS | 5WMTXWLNMB | 420 | 350 |
| 10 | 3/8 | 9/16-18 | 22 | 7.5 | 32.5 | 55.5 | 64 | 6WMTXWLNMS | 6WMTXWLNMS | 6WMTXWLNMB | 420 | 350 |
| 12 | 1/2 | 3/4-16 | 24 | 9.9 | 36.5 | 62 | 111 | 8WMTXWLNMS | 8WMTXWLNMS | 8WMTXWLNMB | 420 | 350 |
| 14, 15, 16 | 5/8 | 7/8-14 | 30 | 12.3 | 40 | 70 | 157 | 10WMTXWLNMS | 10WMTXWLNMS | 10WMTXWLNMB | 350 | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 36 | 15.5 | 44.5 | 78.5 | 254 | 12WMTXWLNMS | 12WMTXWLNMS | 12WMTXWLNMB | 350 | 350 |
| 22 | 7/8 | 1 3/16-12 | 38 | 18.3 | 44.5 | 79.3 | 296 | 14 WTX-WLN-S | 14WMTXWLNMS | 14WMTXWLNMB | 280 | 280 |
| 25 | 1 | 1 5/16-12 | 41 | 21.5 | 44.5 | 80 | 337 | 16WMTXWLNMS | 16WMTXWLNMS | 16WMTXWLNMB | 280 | 280 |
| 28, 30, 32 | 1 1/4 | 1 5/8-12 | 50 | 27.5 | 46 | 84 | 462 | 20WMTXWLNMS | 20WMTXWLNMS | 20WMTXWLNMB | 280 | 210 |
| 35, 38 | 1 1/2 | 1 7/8-12 | 55 | 33 | 46 | 89.5 | 695 | 24WMTXWLNMS | 24WMTXWLNMS | 24WMTXWLNMB | 210 | 140 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

For the version without the locknut remove "WLN" (e. g. 16WMTX)

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

Pressure ratings – PN shown, apply to Steel and Stainless Steel versions of the product.

For Brass parts reduce pressures by 35%.

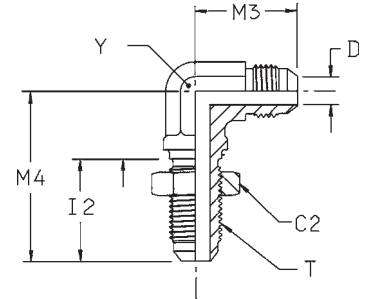
Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

Maximum bulkhead wallthickness

| Size | Tube O.D. | | Straight bulkhead union Max. thickness mm | Shape bulkhead union Max. thickness mm |
|------|-----------|--------|---|--|
| | inch | metric | | |
| 4 | 1/4 | 6 | 8.4 | 5.3 |
| 5 | 5/16 | 8 | 8.4 | 5.3 |
| 6 | 3/8 | 10 | 10.7 | 7.1 |
| 8 | 1/2 | 12 | 11.2 | 8.4 |
| 10 | 5/8 | 14–16 | 10.9 | 8.1 |
| 12 | 3/4 | 18–20 | 11.2 | 8.6 |
| 14 | 7/8 | 22 | 10.4 | 7.9 |
| 16 | 1 | 25 | 9.9 | 7.4 |
| 20 | 1 1/4 | 28–32 | 10.2 | 7.4 |
| 24 | 1 1/2 | 35–38 | 7.1 | — |
| 32 | 2 | | 7.1 | — |

WEMTX Bulkhead union elbow

Triple-Lok® 37° Flare ends
SAE 070701 MS51507



| Tube O.D. | | Thread UN/UNF-2A T | C2 mm | D mm | I2 mm | M3 mm | M4 mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | Triple-Lok® Brass | PN (bar) | |
|------------|-------|--------------------|-------|------|-------|-------|-------|------|--------------------------|----------------------|-----------------------------|----------------------|----------|-----|
| mm | in. | | | | | | | | | | | | S | SS |
| 6 | 1/4 | 7/16-20 | 17.5 | 4.4 | 23 | 25 | 40 | 11 | 44 | 4 WETX-WLN-S | 4 WETX-WLN-SS | 4 WETX-WLN-B | 500 | 350 |
| 8 | 5/16 | 1/2-20 | 19 | 6 | 26 | 27 | 44 | 14 | 59 | 5 WEMTXWLNMS | 5 WETX-WLN-SS | 5 WETX-WLN-B | 420 | 350 |
| 10 | 3/8 | 9/16-18 | 22 | 7.5 | 28 | 28 | 46 | 14 | 72 | 6WEMTXWLNMS | 6 WETX-WLN-SS | 6 WETX-WLN-B | 420 | 350 |
| 12 | 1/2 | 3/4-16 | 24 | 9.9 | 32 | 34.5 | 54 | 19 | 145 | 8WEMTXWLNMS | 8 WETX-WLN-SS | 8 WETX-WLN-B | 420 | 350 |
| 14, 15, 16 | 5/8 | 7/8-14 | 30 | 12 | 35 | 40 | 61 | 22 | 212 | 10WEMTXWLNMS | 10 WETX-WLN-SS | 10 WETX-WLN-B | 350 | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 36 | 15.5 | 40 | 45 | 68 | 27 | 345 | 12WEMTXWLNMS | 12 WETX-WLN-SS | 12 WETX-WLN-B | 350 | 350 |
| 22 | 7/8 | 1 3/16-12 | 38 | 18 | 40 | 49 | 71 | 33 | 370 | 14 WETX-WLN-S | 14 WETX-WLN-SS | | 280 | 280 |
| 25 | 1 | 1 5/16-12 | 41 | 21.5 | 40 | 49 | 71 | 33 | 474 | 16 WETX-WLN-S | 16 WETX-WLN-SS | | 280 | 280 |
| 28, 30, 32 | 1 1/4 | 1 5/8-12 | 47.6 | 27.4 | 41 | 55 | 79 | 41 | 753 | 20 WETX-WLN-S | 20 WETX-WLN-SS | | 280 | 280 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

For the version without the locknut remove "WLNMS" (e. g. 16WETX)

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

Pressure ratings – PN shown, apply to Steel and Stainless Steel versions of the product.

For Brass parts reduce pressures by 35%.

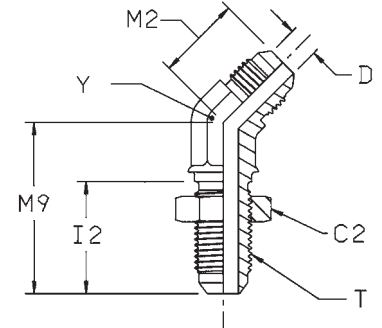
Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

Maximum bulkhead wallthickness

| Size | Tube O.D. | | Straight bulkhead union Max. thickness mm | Shape bulkhead union Max. thickness mm |
|------|-----------|--------|---|--|
| | inch | metric | | |
| 4 | 1/4 | 6 | 8.4 | 5.3 |
| 5 | 5/16 | 8 | 8.4 | 5.3 |
| 6 | 3/8 | 10 | 10.7 | 7.1 |
| 8 | 1/2 | 12 | 11.2 | 8.4 |
| 10 | 5/8 | 14–16 | 10.9 | 8.1 |
| 12 | 3/4 | 18–20 | 11.2 | 8.6 |
| 14 | 7/8 | | 10.4 | 7.9 |
| 16 | 1 | 22–25 | 9.9 | 7.4 |
| 20 | 1 1/4 | 28–32 | 10.2 | 7.4 |
| 24 | 1 1/2 | 35–38 | 7.1 | — |
| 32 | 2 | | 7.1 | — |

WNTX 45° Bulkhead union elbow

Triple-Lok® 37° Flare ends
SAE 070801 MS51509



| Tube O.D. | | Thread UN/UNF-2A T | C2 mm | D mm | I2 mm | M2 mm | M9 mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|--------------------|-------|------|-------|-------|-------|------|--------------------------|----------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | S | SS |
| 6 | 1/4 | 7/16-20 | 17.5 | 4.4 | 26 | 18 | 39 | 11 | 32 | 4 WNTX-WLN-S | 4 WNTX-WLN-SS | 500 | 350 |
| 8 | 5/16 | 1/2-20 | 19 | 6 | 26 | 20 | 42 | 14 | 41 | 5 WNTX-WLN-S | | 420 | — |
| 10 | 3/8 | 9/16-18 | 20.5 | 7.5 | 28 | 21 | 42 | 14 | 48 | 6 WNTX-WLN-S | 6 WNTX-WLN-SS | 420 | 350 |
| 12 | 1/2 | 3/4-16 | 25.5 | 9.9 | 32 | 33 | 62 | 19 | 105 | 8 WNTX-WLN-S | 8 WNTX-WLN-SS | 420 | 350 |
| 14, 15, 16 | 5/8 | 7/8-14 | 28.5 | 12.3 | 35 | 28 | 55 | 22 | 152 | 10 WNTX-WLN-S | 10 WNTX-WLN-SS | 350 | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 35 | 15.5 | 40 | 33 | 62 | 27 | 245 | 12 WNTX-WLN-S | 12 WNTX-WLN-SS | 350 | 350 |
| 22, 25 | 1 | 1 5/16-12 | 41 | 21.5 | 40 | 37 | 65 | 33 | 355 | 16 WNTX-WLN-S | 16 WNTX-WLN-SS | 280 | 280 |
| 28, 30, 32 | 1 1/4 | 1 5/8-12 | 47.6 | 27.4 | 41 | 40 | 67 | 41 | 465 | 20 WNTX-WLN-S | | 280 | — |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

For the version without the locknut remove "WLN" (e.g. 16 WNTX)

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

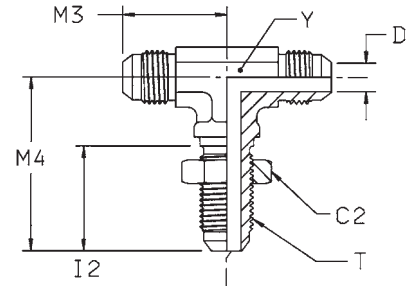


Maximum bulkhead wallthickness

| Size | Tube O.D. | | Straight bulkhead union Max. thickness mm | Shape bulkhead union Max. thickness mm |
|------|-----------|--------|---|--|
| | inch | metric | | |
| 4 | 1/4 | 6 | 8.4 | 5.3 |
| 5 | 5/16 | 8 | 8.4 | 5.3 |
| 6 | 3/8 | 10 | 10.7 | 7.1 |
| 8 | 1/2 | 12 | 11.2 | 8.4 |
| 10 | 5/8 | 14-16 | 10.9 | 8.1 |
| 12 | 3/4 | 18-20 | 11.2 | 8.6 |
| 14 | 7/8 | | 10.4 | 7.9 |
| 16 | 1 | 22-25 | 9.9 | 7.4 |
| 20 | 1 1/4 | 28-32 | 10.2 | 7.4 |
| 24 | 1 1/2 | 35-38 | 7.1 | — |
| 32 | 2 | | 7.1 | — |

WJTX Bulkhead branch tee

Triple-Lok® 37° Flare ends
SAE 070959 MS51515



| Tube O.D. | | Thread UN/UNF-2A T | C2 mm | D mm | I2 mm | M3 mm | M4 mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | | PN (bar) | | |
|------------|-------|--------------------|-------|------|-------|-------|-------|------|--------------------------|----------------------|-----------------------------|-----|----------|----|--|
| mm | in. | | | | | | | | | | S | SS | S | SS | |
| 6 | 1/4 | 7/16-20 | 17.5 | 4.4 | 26 | 25 | 40 | 11 | 45 | 4 WJTX-WLN-S | 4 WJTX-WLN-SS | 500 | 350 | | |
| 10 | 3/8 | 9/16-18 | 20.6 | 7.5 | 28 | 28 | 46 | 14 | 71 | 6 WJTX-WLN-S | 6 WJTX-WLN-SS | 420 | 350 | | |
| 12 | 1/2 | 3/4-16 | 25 | 9.9 | 32 | 35 | 54 | 19 | 158 | 8 WJTX-WLN-S | 8 WJTX-WLN-SS | 420 | 350 | | |
| 14, 15, 16 | 5/8 | 7/8-14 | 28.5 | 12 | 35 | 40 | 61 | 27 | 297 | 10 WJTX-WLN-S | 10 WJTX-WLN-SS | 350 | 350 | | |
| 18, 20 | 3/4 | 1 1/16-12 | 35 | 15.5 | 40 | 45 | 68 | 27 | 379 | 12 WJTX-WLN-S | 12 WJTX-WLN-SS | 350 | 350 | | |
| 22, 25 | 1 | 1 5/16-12 | 41.3 | 21.4 | 40 | 49 | 71 | 33 | 420 | 16 WJTX-WLN-S | | 280 | — | | |
| 28, 30, 32 | 1 1/4 | 1 5/8-12 | 47.6 | 24.4 | 41 | 55 | 79 | 44.5 | 500 | 20 WJTX-WLN-S | | 280 | — | | |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

For the version without the locknut remove "WLN" (e.g. 16 WJTX)

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

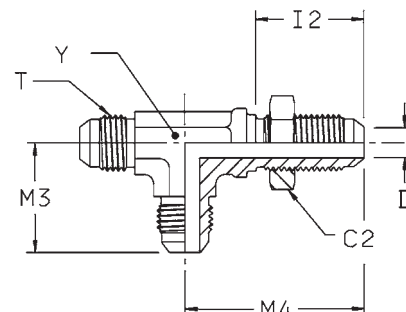
Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

Maximum bulkhead wallthickness

| Size | Tube O.D. | | Straight bulkhead union Max. thickness mm | Shape bulkhead union Max. thickness mm |
|------|-----------|--------|---|--|
| | inch | metric | | |
| 4 | 1/4 | 6 | 8.4 | 5.3 |
| 5 | 5/16 | 8 | 8.4 | 5.3 |
| 6 | 3/8 | 10 | 10.7 | 7.1 |
| 8 | 1/2 | 12 | 11.2 | 8.4 |
| 10 | 5/8 | 14-16 | 10.9 | 8.1 |
| 12 | 3/4 | 18-20 | 11.2 | 8.6 |
| 14 | 7/8 | | 10.4 | 7.9 |
| 16 | 1 | 22-25 | 9.9 | 7.4 |
| 20 | 1 1/4 | 28-32 | 10.2 | 7.4 |
| 24 | 1 1/2 | 35-38 | 7.1 | — |
| 32 | 2 | | 7.1 | — |

WJJTX Bulkhead run tee

Triple-Lok® 37° Flare ends
SAE 070958 MS51516



| Tube O.D. mm | Tube O.D. in. | Thread UN/UNF-2A T | C2 mm | D mm | I2 mm | M3 mm | M4 mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | PN (bar) |
|-----------------|------------------|--------------------------|----------|---------|----------|----------|----------|---------|--------------------------------|-----------------------|-------------|
| 6 | 1/4 | 7/16-20 | 17.5 | 4.4 | 26 | 25 | 40 | 11 | 58 | 4 WJJTX-WLN-S | 500 |
| 10 | 3/8 | 9/16-18 | 20.6 | 7.5 | 28 | 28 | 46 | 14 | 75 | 6 WJJTX-WLN-S | 420 |
| 12 | 1/2 | 3/4-16 | 25 | 9.9 | 32 | 35 | 54 | 19 | 158 | 8 WJJTX-WLN-S | 420 |
| 14, 15, 16 | 5/8 | 7/8-14 | 28.5 | 12 | 35 | 40 | 61 | 27 | 309 | 10 WJJTX-WLN-S | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 35 | 15.5 | 40 | 45 | 68 | 27 | 340 | 12 WJJTX-WLN-S | 350 |
| 22, 25 | 1 | 1 5/16-12 | 41.3 | 21.5 | 40 | 49 | 71 | 36.5 | 390 | 16 WJJTX-WLN-S | 280 |
| 28, 30, 32 | 1 1/4 | 1 5/8-12 | 47.6 | 27.5 | 41 | 55 | 79 | 44.5 | 450 | 20 WJJTX-WLN-S | 280 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

For the version without the locknut remove "WLN" (e.g. 16 WJJTX)

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

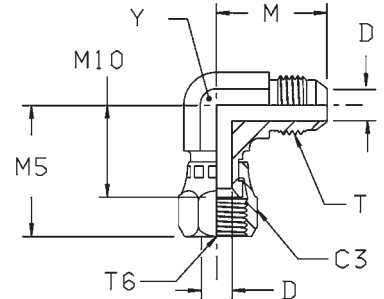


Maximum bulkhead wallthickness

| Size | Tube O.D. | | Straight bulkhead union Max. thickness mm | Shape bulkhead union Max. thickness mm |
|------|-----------|--------|---|--|
| | inch | metric | | |
| 4 | 1/4 | 6 | 8.4 | 5.3 |
| 5 | 5/16 | 8 | 8.4 | 5.3 |
| 6 | 3/8 | 10 | 10.7 | 7.1 |
| 8 | 1/2 | 12 | 11.2 | 8.4 |
| 10 | 5/8 | 14-16 | 10.9 | 8.1 |
| 12 | 3/4 | 18-20 | 11.2 | 8.6 |
| 14 | 7/8 | | 10.4 | 7.9 |
| 16 | 1 | 22-25 | 9.9 | 7.4 |
| 20 | 1 1/4 | 28-32 | 10.2 | 7.4 |
| 24 | 1 1/2 | 35-38 | 7.1 | — |
| 32 | 2 | | 7.1 | — |

C6MX Swivel nut elbow

Triple-Lok® 37° Flare end / Triple-Lok® 37° Flare female swivel end
 SAE 070221 MS51521



| Tube O.D. mm | in. | Thread UN/UNF-2A T | Thread UN/UNF-2B T6 | C3 mm | D mm | M mm | M5 mm | M10 mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|--------------------|-------|--------------------------|---------------------------|----------|---------|---------|----------|-----------|---------|--------------------------------|----------------------|--------------------------------|----------|-----|
| | | | | | | | | | | | | | S | SS |
| 6 | 3/16 | 3/8-24 | 3/8-24 | 14 | 3 | 21 | 25 | 18 | 11 | 27 | 3 C6X-S | | 500 | — |
| | 1/4 | 7/16-20 | 7/16-20 | | 4.4 | 23 | 25 | 17 | 13 | 37 | 4C6MXS | 4C6MXSS | 500 | 350 |
| | 5/16 | 1/2-20 | 1/2-20 | | 6 | 24 | 25 | 17 | 13 | 43 | 5C6MXS | 5C6MXSS | 420 | 350 |
| | 3/8 | 9/16-18 | 9/16-18 | | 7.5 | 27 | 27 | 22 | 14 | 54 | 6C6MXS | 6C6MXSS | 350 | 350 |
| | 1/2 | 3/4-16 | 3/4-16 | | 9.9 | 32 | 34 | 24 | 19 | 105 | 8C6MXS | 8C6MXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 7/8-14 | 7/8-14 | 27 | 12 | 37 | 40 | 28 | 22 | 162 | 10C6MXS | 10C6MXSS | 350 | 350 |
| | 3/4 | 1 1/16-12 | 1 1/16-12 | 32 | 15.5 | 42 | 42 | 30 | 27 | 260 | 12C6MXS | 12C6MXSS | 350 | 350 |
| 22 | 7/8 | 1 3/16-12 | 1 3/16-12 | 35 | 18.3 | 46 | 45 | 34 | 33 | 293 | 14 C6X-S | | 250 | — |
| 25 | 1 | 1 5/16-12 | 1 5/16-12 | 38 | 21.5 | 46 | 52 | 37 | 33 | 420 | 16C6MXS | 16C6MXSS | 250 | 250 |
| | 1 1/4 | 1 5/8-12 | 1 5/8-12 | 50 | 27.5 | 52 | 59 | 43 | 41 | 679 | 20C6MXS | 20C6MXSS | 250 | 210 |
| 35, 38 | 1 1/2 | 1 7/8-12 | 1 7/8-12 | 57 | 33 | 59 | 67 | 47 | 48 | 747 | 24 C6X-S | 24C6MXSS | 170 | 140 |
| | 2 | 2 1/2-12 | 2 1/2-12 | 73 | 45 | 78 | 87 | 62 | 64 | 920 | 32 C6X-S | | 110 | — |

Order codes shown are part of our current manufacturing programme.

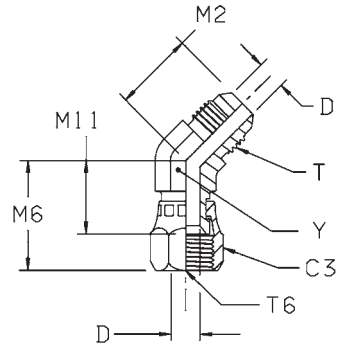
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

V6MX 45° Swivel nut elbow

Triple-Lok® 37° Flare end / Triple-Lok® 37° Flare female swivel end
SAE 070321 MS51522



| Tube O.D. | | Thread UN/UNF-2A T | Thread UN/UNF-2B T6 | C3 mm | D mm | M2 mm | M6 mm | M11 mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|--------------------|---------------------|-------|------|-------|-------|--------|------|--------------------------|-------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | | S | SS |
| 6 | 1/4 | 7/16-20 | 7/16-20 | 14.3 | 4.4 | 18 | 24 | 15 | 11 | 30 | 4 V6X-S | 4 V6X-SS | 500 | 350 |
| 8 | 5/16 | 1/2-20 | 1/2-20 | 16 | 6 | 20 | 26 | 16 | 14 | 45 | 5 V6X-S | 5 V6X-SS | 420 | 350 |
| 10 | 3/8 | 9/16-18 | 9/16-18 | 19 | 7.5 | 21 | 29 | 19 | 14 | 47 | 6V6MXS | 6 V6X-SS | 350 | 350 |
| 12 | 1/2 | 3/4-16 | 3/4-16 | 22 | 9.9 | 25 | 33 | 22 | 19 | 89 | 8V6MXS | 8 V6X-SS | 350 | 350 |
| 14, 15, 16 | 5/8 | 7/8-14 | 7/8-14 | 27 | 12.3 | 28 | 37 | 24 | 22 | 131 | 10V6MXS | 10 V6X-SS | 350 | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 1 1/16-12 | 32 | 15.5 | 33 | 38 | 24 | 27 | 203 | 12V6MXS | 12 V6X-SS | 350 | 350 |
| 22 | 7/8 | 1 3/16-12 | 1 3/16-12 | 35 | 18.2 | 37 | 43 | 28 | 30 | 291 | 14 V6X-S | | 250 | — |
| 25 | 1 | 1 5/16-12 | 1 5/16-12 | 38 | 21.4 | 37 | 46 | 30 | 33.3 | 335 | 16 V6X-S | 16 V6X-SS | 250 | 250 |
| 28, 30, 32 | 1 1/4 | 1 5/8-12 | 1 5/8-12 | 50.8 | 27.3 | 40 | 53 | 36 | 41 | 572 | 20 V6X-S | 20 V6X-SS | 250 | 210 |
| 35, 38 | 1 1/2 | 1 7/8-12 | 1 7/8-12 | 57 | 33.3 | 45 | 58 | 39 | 48 | 715 | 24 V6X-S | 24 V6X-SS | 170 | 140 |
| | 2 | 2 1/2-12 | 2 1/2-12 | 73 | 45.2 | 56 | 73 | 50 | 66 | 960 | 32 V6X-S | 32 V6X-SS | 110 | 110 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

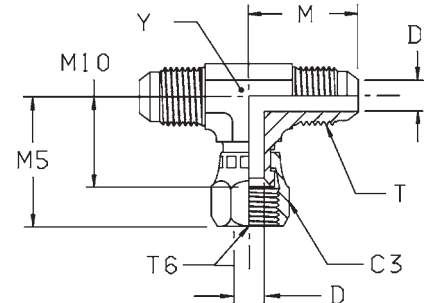
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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



S6MX Swivel nut branch tee

Triple-Lok® 37° Flare ends / Triple-Lok® 37° Flare female swivel end
 SAE 070433 MS51524



| Tube O.D. | | Thread UN/UNF-2A T | Thread UN/UNF-2B T6 | C3 mm | D mm | M mm | M5 mm | M10 mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|--------------------|---------------------|-------|------|------|-------|--------|------|--------------------------|-------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | | S | SS |
| 6 | 1/4 | 7/16-20 | 7/16-20 | 14.3 | 4.4 | 23 | 26 | 17 | 11 | 44 | 4 S6X-S | 4 S6X-SS | 500 | 350 |
| 8 | 5/16 | 1/2-20 | 1/2-20 | 17 | 6 | 24 | 27 | 17 | 13 | 58 | 5S6MXS | 5 S6X-SS | 420 | 350 |
| 10 | 3/8 | 9/16-18 | 9/16-18 | 19 | 7.5 | 27 | 32 | 22 | 14 | 71 | 6S6MXS | 6 S6X-SS | 350 | 350 |
| 12 | 1/2 | 3/4-16 | 3/4-16 | 22 | 9.9 | 32 | 35 | 24 | 19 | 133 | 8S6MXS | 8 S6X-SS | 350 | 350 |
| 14, 15, 16 | 5/8 | 7/8-14 | 7/8-14 | 27 | 12.3 | 37 | 41 | 28 | 22 | 203 | 10S6MXS | 10 S6X-SS | 350 | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 1 1/16-12 | 32 | 15.5 | 42 | 43 | 30 | 27 | 328 | 12S6MXS | 12 S6X-SS | 350 | 350 |
| 25 | 1 | 1 5/16-12 | 1 5/16-12 | 38 | 21.5 | 46 | 52 | 36 | 33 | 483 | 16S6MXS | 16 S6X-SS | 250 | 250 |
| 28, 30, 32 | 1 1/4 | 1 5/8-12 | 1 5/8-12 | 50.8 | 27.3 | 52 | 60 | 43 | 41 | 708 | 20 S6X-S | 20 S6X-SS | 250 | 210 |
| 35, 38 | 1 1/2 | 1 7/8-12 | 1 7/8-12 | 57 | 33.3 | 59 | 68 | 49 | 47.7 | 1100 | 24 S6X-S | 24 S6X-SS | 170 | 170 |

Order codes shown are part of our current manufacturing programme.

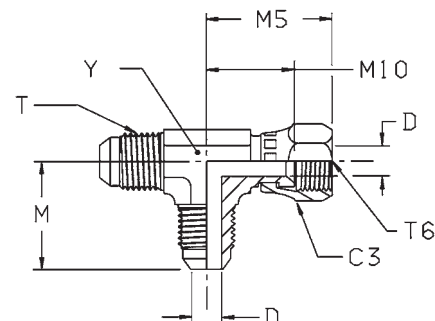
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

R6MX Swivel nut run tee

Triple-Lok® 37° Flare ends / Triple-Lok® 37° Flare female swivel end
SAE 070432



| Tube O.D. | | Thread UN/UNF-2A T | Thread UN/UNF-2B T6 | C3 mm | D mm | M mm | M5 mm | M10 mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|--------------------|---------------------|-------|------|------|-------|--------|------|--------------------------|-------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | | S | SS |
| 6 | 1/4 | 7/16-20 | 7/16-20 | 14 | 4.4 | 23 | 26 | 17 | 11 | 44 | 4R6MXS | 4 R6X-SS | 500 | 350 |
| 8 | 5/16 | 1/2-20 | 1/2-20 | 17 | 6 | 24 | 26 | 17 | 13 | 56 | 5R6MXS | 5 R6X-SS | 420 | 350 |
| 10 | 3/8 | 9/16-18 | 9/16-18 | 19 | 7.5 | 27 | 32 | 22 | 14 | 69 | 6R6MXS | 6 R6X-SS | 350 | 350 |
| 12 | 1/2 | 3/4-16 | 3/4-16 | 22 | 9.9 | 32 | 35 | 24 | 19 | 136 | 8R6MXS | 8 R6X-SS | 350 | 350 |
| 14, 15, 16 | 5/8 | 7/8-14 | 7/8-14 | 27 | 12.3 | 37 | 41 | 28 | 22 | 207 | 10R6MXS | 10 R6X-SS | 350 | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 1 1/16-12 | 32 | 15.5 | 42 | 43 | 30 | 27 | 319 | 12R6MXS | 12 R6X-SS | 350 | 350 |
| 22 | 7/8 | 1 3/16-12 | 1 3/16-12 | 35 | 18.2 | 46 | 46 | 49 | 34 | 333 | 14 R6X-S | 14 R6MX-SS | 250 | 250 |
| 25 | 1 | 1 5/16-12 | 1 5/16-12 | 38 | 21.5 | 46 | 51 | 36 | 33 | 489 | 16R6MXS | 16 R6X-SS | 250 | 250 |
| 28, 30, 32 | 1 1/4 | 1 5/8-12 | 1 5/8-12 | 50.8 | 27.4 | 52 | 60 | 43 | 41 | 712 | 20 R6X-S | 20 R6X-SS | 250 | 210 |
| 35, 38 | 1 1/2 | 1 7/8-12 | 1 7/8-12 | 57 | 33.3 | 59 | 66 | 47 | 47.7 | 1100 | 24 R6X-S | 24 R6X-SS | 170 | 170 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

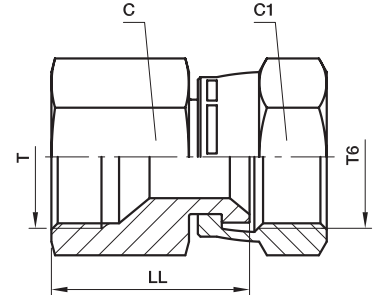
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

K

BBMTX Swivel nut female connector

Triple-Lok® 37° Flare fixed female end / Triple-Lok® 37° Flare female swivel end



| Tube O.D. mm | Tube O.D. in. | Thread UN/UNF-2A T | Thread UN/UNF-2B T6 | C mm | C1 mm | LL mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|--------------------|---------------------|--------------------------|---------------------------|---------|----------|----------|--------------------------------|----------------------|--------------------------------|----------|-----|
| | | | | | | | | | | S | SS |
| 6 | 1/4 | 7/16-20 | 7/16-20 | 14 | 14 | 23 | 25 | 4BBMTXS | 4BBMTXSS | 500 | 350 |
| 8 | 5/16 | 1/2-20 | 1/2-20 | 17 | 17 | 25.5 | 32 | 5BBMTXS | 5BBMTXSS | 420 | 350 |
| 10 | 3/8 | 9/16-18 | 9/16-18 | 19 | 19 | 25.5 | 60 | 6BBMTXS | 6BBMTXSS | 350 | 350 |
| 12 | 1/2 | 3/4-16 | 3/4-16 | 22 | 22 | 32 | 87 | 8BBMTXS | 8BBMTXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 7/8-14 | 7/8-14 | 27 | 27 | 36 | 150 | 10BBMTXS | 10BBMTXSS | 350 | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 1 1/16-12 | 32 | 32 | 37 | 221 | 12BBMTXS | 12BBMTXSS | 350 | 350 |
| 25 | 1 | 1 5/16-12 | 1 5/16-12 | 41 | 38 | 42 | 348 | 16BBMTXS | 16BBMTXSS | 250 | 250 |
| 28, 30, 32 | 1 1/4 | 1 5/8-12 | 1 5/8-12 | 50 | 50 | 47 | 955 | 20BBMTXS | 20BBMTXSS | 250 | 210 |
| 35, 38 | 1 1/2 | 1 7/8-12 | 1 7/8-12 | 60 | 60 | 54 | 1031 | 24BBMTXS | 24BBMTXSS | 170 | 140 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

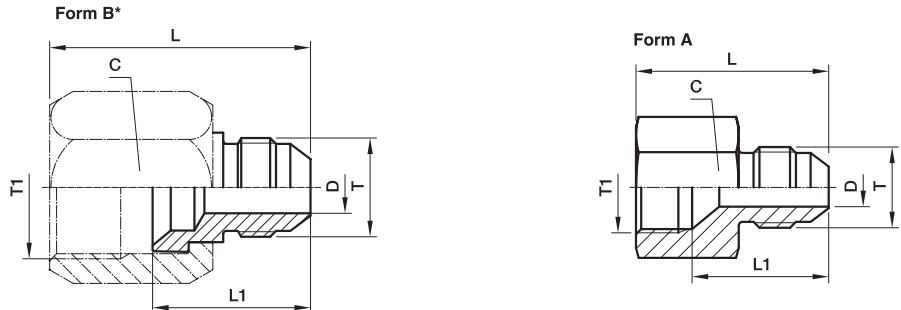
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

TRMTX Tube end reducer

Triple-Lok® 37° Flare end / Triple-Lok® 37° Flare female swivel* end
SAE 070123 MS51534

*Form A Fixed Female Style



* For Form B, a BTX- or BMTX-nut is required (to be ordered separately)

| Tube Metric T1 O.D. | Tube Metric T O.D. | Tube in. T1 O.D. | Tube in. T O.D. | Thread UN/UNF-2B T1 | Thread UN/UNF-2A T | Typ | C mm | D mm | L mm | L1 mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | Triple-Lok® Brass | PN (bar) S SS |
|---------------------|--------------------|------------------|-----------------|---------------------|--------------------|-----|------|------|------|-------|--------------------------|-------------------|-----------------------------|-------------------|---------------|
| 8 | 6 | 1/4 | 1/8 | 7/16-20 | 5/16-24 | B | 14.3 | 1.6 | 29 | 19 | 16 | 4-2 TRTX-S | 4-2TRMTXSS | | 500 350 |
| 10 | 6 | 3/8 | 1/4 | 1/2-20 | 7/16-20 | A | 17 | 4.4 | 29 | 20 | 21 | 5-4TRMTXS | 5-4TRMTXSS | | 420 350 |
| 10 | 8 | 3/8 | 1/4 | 9/16-18 | 7/16-20 | B | 19 | 4.4 | 36 | 24.5 | 35 | 6-4TRTXS | 6-4TRMTXSS | 6-4 TRTX-B | 420 350 |
| 12 | 6 | 1/2 | 1/4 | 9/16-18 | 1/2-20 | A | 19 | 6 | 30 | 21 | 29 | 6-5TRMTXS | 6-5TRMTXSS | | 420 350 |
| 12 | 6 | 1/2 | 1/4 | 3/4-16 | 7/16-20 | B | 22 | 4.4 | 38 | 25.5 | 38 | 8-4TRTXS | 8-4TRMTXSS | 8-4 TRTX-B | 420 350 |
| 12 | 8 | 1/2 | 3/8 | 3/4-16 | 1/2-20 | B | 22 | 6 | 38 | 25.5 | 35 | 8-5TRTXS | 8-5TRMTXSS | | 420 350 |
| 12 | 10 | 1/2 | 3/8 | 3/4-16 | 9/16-18 | B | 22 | 7.5 | 38 | 25.5 | 32 | 8-6TRTXS | 8-6TRMTXSS | 8-6 TRTX-B | 420 350 |
| 14, 15, 16 | 6 | 5/8 | 1/4 | 7/8-14 | 7/16-20 | B | 27 | 4.4 | 41 | 26 | 83 | 10-4 TRTX-S | 10-4TRMTXSS | | 350 350 |
| 14, 15, 16 | 8 | 5/8 | 1/4 | 7/8-14 | 1/2-20 | B | 27 | 6 | 41 | 26 | 80 | 10-5TRTXS | 10-5TRMTXSS | | 350 350 |
| 14, 15, 16 | 10 | 5/8 | 3/8 | 7/8-14 | 9/16-18 | B | 27 | 7.5 | 41 | 26 | 78 | 10-6 TRTX-S | 10-6TRMTXSS | 10-6 TRTX-B | 350 350 |
| 14, 15, 16 | 12 | 5/8 | 1/2 | 7/8-14 | 3/4-16 | A | 27 | 9.9 | 36.5 | 24.5 | 73 | 10-8TRMTXS | 10-8TRMTXSS | | 350 350 |
| 18, 20 | 6 | 3/4 | 1/4 | 1 1/16-12 | 7/16-20 | B | 31.8 | 4.4 | 42.5 | 27.5 | 120 | 12-4 TRTX-S | 12-4TRMTXSS | 12-4 TRTX-B | 350 350 |
| 18, 20 | 8 | 3/4 | 1/4 | 1 1/16-12 | 1/2-20 | B | 32 | 6 | 42.5 | 27.5 | 118 | 12-5TRTXS | 12-5TRMTXSS | | 350 350 |
| 18, 20 | 10 | 3/4 | 3/8 | 1 1/16-12 | 9/16-18 | B | 31.8 | 7.5 | 43 | 27.5 | 115 | 12-6 TRTX-S | 12-6TRMTXSS | 12-6 TRTX-B | 350 350 |
| 18, 20 | 12 | 3/4 | 1/2 | 1 1/16-12 | 3/4-16 | B | 32 | 9.9 | 45 | 30 | 128 | 12-8TRTXS | 12-8TRMTXSS | 12-8 TRTX-B | 350 350 |
| 18, 20 | 14, 15, 16 | 3/4 | 5/8 | 1 1/16-12 | 7/8-14 | A | 32 | 12.3 | 42 | 29.5 | 119 | 12-10TRMTXS | 12-10TRMTXSS | | 350 350 |
| 22 | 10 | 7/8 | 3/8 | 1 3/16-12 | 9/16-18 | B | 35 | 7.5 | 45 | 29 | 102 | 14-6 TRTX-S | 14-6TRMTXSS | | 350 350 |
| 22 | 14, 15, 16 | 7/8 | 5/8 | 1 3/16-12 | 7/8-14 | B | 35 | 12.3 | 50 | 34 | 120 | 14-10 TRTX-S | 14-10TRMTXSS | | 350 350 |
| 22 | 18, 20 | 7/8 | 3/4 | 1 3/16-12 | 1 1/16-12 | A | 35 | 15.5 | 46.5 | 33 | 166 | 14-12 TRTX-S | 14-12TRMTXSS | | 350 350 |
| 25 | 6 | 1 | 1/4 | 1 5/16-12 | 7/16-20 | B | 38 | 4.4 | 46.5 | 31 | 205 | 16-4 TRTX-S | 16-4TRMTXSS | | 310 350 |
| 25 | 10 | 1 | 3/8 | 1 5/16-12 | 9/16-18 | B | 41 | 7.5 | 46.5 | 29.5 | 215 | 16-6TRTXS | 16-6TRMTXSS | | 310 350 |
| 25 | 12 | 1 | 1/2 | 1 5/16-12 | 3/4-16 | B | 38 | 9.9 | 49 | 32 | 228 | 16-8 TRTX-S | 16-8TRMTXSS | | 310 350 |
| 25 | 14, 15, 16 | 1 | 5/8 | 1 5/16-12 | 7/8-14 | B | 41 | 12.3 | 52 | 34.5 | 239 | 16-10TRTXS | 16-10TRMTXSS | | 310 350 |
| 25 | 18, 20 | 1 | 3/4 | 1 5/16-12 | 1 1/16-12 | B | 41 | 15.5 | 54.5 | 37 | 252 | 16-12TRTXS | 16-12TRMTXSS | | 310 280 |
| 25 | 22 | 1 | 7/8 | 1 5/16-12 | 1 3/16-12 | A | 38 | 18.2 | 48.5 | 34 | 224 | 16-14 TRTXN-S | 16-14TRMTXSS | | 310 280 |
| 28, 30, 32 | 12 | 1 1/4 | 1/2 | 1 5/8-12 | 3/4-16 | B | 50 | 9.9 | 54 | 36 | 380 | 20-8TRTXS | 20-8TRMTXSS | | 280 280 |
| 28, 30, 32 | 14, 15, 16 | 1 1/4 | 5/8 | 1 5/8-12 | 7/8-14 | B | 50 | 12.3 | 56 | 38 | 380 | 20-10TRTXS | 20-10TRMTXSS | | 280 280 |
| 28, 30, 32 | 18, 20 | 1 1/4 | 3/4 | 1 5/8-12 | 1 1/16-12 | B | 50 | 15.5 | 57 | 39 | 370 | 20-12TRTXS | 20-12TRMTXSS | | 280 280 |
| 28, 30, 32 | 25 | 1 1/4 | 1 | 1 5/8-12 | 1 5/16-12 | B | 50 | 21.5 | 59 | 40.5 | 355 | 20-16TRTXS | 20-16TRMTXSS | | 280 280 |
| 35, 38 | 20 | 1 1/2 | 3/4 | 1 7/8-12 | 1 1/16-12 | B | 60 | 15.5 | 63 | 41.5 | 520 | 24-12TRTXS | 24-12TRMTXSS | | 210 280 |
| 35, 38 | 25 | 1 1/2 | 1 | 1 7/8-12 | 1 5/16-12 | B | 57 | 21.5 | 63 | 41.5 | 570 | 24-16 TRTX-S | 24-16TRMTXSS | | 210 140 |
| 35, 38 | 28, 30, 32 | 1 1/2 | 1 1/4 | 1 7/8-12 | 1 5/8-12 | B | 57 | 27.4 | 64 | 43 | 614 | 24-20 TRTX-S | 24-20TRMTXSS | | 210 140 |
| 42 | 35, 38 | | | 2 1/4-12 | 1 7/8-12 | B | 65 | 33.3 | 72 | 48.5 | 839 | 28-24TRTXS | 28-24TRMTXSS | | 140 140 |
| 50 | 38 | 2 | 1 1/2 | 2 1/2-12 | 1 7/8-12 | B | 73 | 33.3 | 75 | 48.5 | 900 | 32-24 TRTX-S | | | 140 — |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$$\frac{PN \text{ (bar)}}{10} = PN \text{ (MPa)}$$

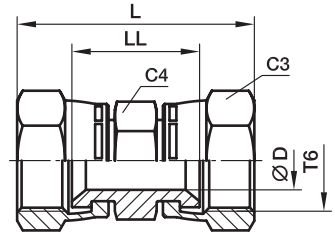
Pressure ratings – PN shown, apply to Steel and Stainless Steel versions of the product.

For Brass parts reduce pressures by 35 %

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

HMX6 Swivel nut union

Triple-Lok® 37° Flare female swivel ends



| Tube O.D. | | Thread UN/UNF-2B T6 | C3 mm | C4 mm | D mm | L mm | LL mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-----------|---------------------|-------|-------|------|------|-------|--------------------------|-------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | S | SS |
| 6 | 1/4 | 7/16-20 | 14.3 | 14.3 | 4.4 | 38 | 20 | 27 | 4 HX6-S | 4HMX6SS | 500 | 500 |
| 8, 10 | 5/16, 3/8 | 9/16-18 | 17.5 | 17.5 | 7.5 | 45 | 26 | 35 | 6 HX6-S | 6HMX6SS | 350 | 350 |
| 12 | 1/2 | 3/4-16 | 22.2 | 22.2 | 9.9 | 51 | 29 | 64 | 8 HX6-S | 8HMX6SS | 350 | 350 |
| 14, 15, 16 | 5/8 | 7/8-14 | 25.4 | 25.4 | 12.3 | 58 | 32 | 115 | 10 HX6-S | 10HMX6SS | 350 | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 31.8 | 31.8 | 15.5 | 62 | 33 | 185 | 12 HX6-S | 12HMX6SS | 350 | 350 |
| 25 | 1 | 1 5/16-12 | 38 | 38 | 21.4 | 68 | 38 | 235 | 16 HX6-S | 16HMX6SS | 250 | 250 |

Order codes shown are part of our current manufacturing programme.

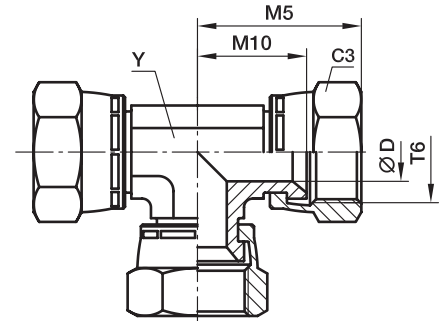
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

JX6 Swivel nut union tee

Triple-Lok® 37° Flare female swivel ends



| Tube O.D. | | Thread UN/UNF-2B T6 | C3 mm | D mm | M5 mm | M10 mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | PN (bar) |
|--------------|-----------|---------------------------|----------|---------|----------|-----------|---------|--------------------------------|----------------------|-------------|
| mm | in. | | | | | | | | | |
| 6 | 1/4 | 7/16-20 | 14.3 | 4.4 | 26 | 17 | 11 | 55 | 4 JX6-S | 500 |
| 8, 10 | 5/16, 3/8 | 9/16-18 | 17.5 | 7.5 | 32 | 22 | 14 | 85 | 6 JX6-S | 350 |
| 12 | 1/2 | 3/4-16 | 22.2 | 9.9 | 35 | 24 | 19 | 150 | 8 JX6-S | 350 |
| 14, 15, 16 | 5/8 | 7/8-14 | 25.4 | 12.3 | 42 | 29 | 22 | 220 | 10 JX6-S | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 31.8 | 15.5 | 42 | 30 | 27 | 345 | 12 JX6-S | 350 |
| 25 | 1 | 1 5/16-12 | 38 | 21.4 | 52 | 36 | 30 | 510 | 16 JX6-S | 250 |

Order codes shown are part of our current manufacturing programme.

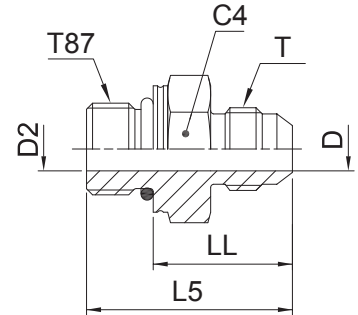
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

F87OMX Male stud connector

Triple-Lok® 37° Flare end / Male metric thread – O-ring (ISO 6149)



| Tube O.D. | | Thread Metric T87 | Thread UN/UNF-2A T | C4 mm | D mm | D2 mm | L5 mm | LL mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|-------------------|--------------------|-------|------|-------|-------|-------|--------------------------|---------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | S | SS |
| 6 | 1/4 | M 10×1.0 | 7/16-20 | 14 | 4.4 | 4.4 | 30 | 21.5 | 25 | 4M10F87OMXS | 4M10F87OMXS | 500 | 350 |
| 8 | 5/16 | M 10×1.0 | 1/2-20 | 14 | 4.4 | 6 | 30 | 21.5 | 30 | 5M10F87OMXS | 5M10F87OMXS | 420 | 350 |
| 8 | 5/16 | M 12×1.5 | 1/2-20 | 19 | 6 | 6 | 33 | 22 | 37 | 5M12F87OMXS | 5M12F87OMXS | 420 | 350 |
| 8 | 5/16 | M 14×1.5 | 1/2-20 | 19 | 6 | 6 | 34 | 23 | 40 | 5M14F87OMXS | 5M14F87OMXS | 420 | 350 |
| 10 | 3/8 | M 14×1.5 | 9/16-18 | 19 | 7.5 | 7.5 | 34 | 23 | 44 | 6M14F87OMXS | 6M14F87OMXS | 420 | 350 |
| 10 | 3/8 | M 16×1.5 | 9/16-18 | 22 | 7.5 | 7.5 | 35.5 | 24.5 | 53 | 6M16F87OMXS | 6M16F87OMXS | 420 | 350 |
| 10 | 3/8 | M 18×1.5 | 9/16-18 | 24 | 7.5 | 7.5 | 36.5 | 24 | 60 | 6M18F87OMXS | 6M18F87OMXS | 350 | 350 |
| 12 | 1/2 | M 14×1.5 | 3/4-16 | 19 | 9.9 | 7.5 | 36 | 25 | 41 | 8M14F87OMXS | 8M14F87OMXS | 420 | 350 |
| 12 | 1/2 | M 16×1.5 | 3/4-16 | 22 | 9.9 | 9 | 38 | 26.5 | 57 | 8M16F87OMXS | 8M16F87OMXS | 420 | 350 |
| 12 | 1/2 | M 18×1.5 | 3/4-16 | 24 | 9.9 | 9.9 | 39 | 26.5 | 71 | 8M18F87OMXS | 8M18F87OMXS | 350 | 350 |
| 14, 15, 16 | 5/8 | M 14×1.5 | 7/8-14 | 24 | 12.3 | 7.5 | 40.5 | 29.5 | 73 | 10M14F87OMXS | 10M14F87OMXS | 350 | 350 |
| 14, 15, 16 | 5/8 | M 18×1.5 | 7/8-14 | 24 | 12.3 | 11 | 43 | 30.5 | 75 | 10M18F87OMXS | 10M18F87OMXS | 350 | 350 |
| 14, 15, 16 | 5/8 | M 22×1.5 | 7/8-14 | 27 | 12.3 | 12.3 | 43.5 | 30.5 | 98 | 10M22F87OMXS | 10M22F87OMXS | 350 | 350 |
| 14, 15, 16 | 5/8 | M 27×2.0 | 7/8-14 | 32 | 12.3 | 12.3 | 46 | 30 | 75 | 10M27F87OMXS | 10M27F87OMXS | 350 | 350 |
| 18, 20 | 3/4 | M 22×1.5 | 1 1/16-12 | 27 | 15.5 | 14 | 48 | 35 | 104 | 12M22F87OMXS | 12M22F87OMXS | 350 | 350 |
| 18, 20 | 3/4 | M 27×2.0 | 1 1/16-12 | 32 | 15.5 | 15.5 | 51 | 35 | 158 | 12M27F87OMXS | 12M27F87OMXS | 350 | 350 |
| 25 | 1 | M 27×2.0 | 1 5/16-12 | 36 | 21.5 | 18 | 50.5 | 34.5 | 206 | 16M27F87OMXS | 16M27F87OMXS | 280 | 280 |
| 25 | 1 | M 33×2.0 | 1 5/16-12 | 41 | 21.5 | 21.5 | 53 | 37 | 273 | 16M33F87OMXS | 16M33F87OMXS | 280 | 280 |
| 28, 30, 32 | 1 1/4 | M 42×2.0 | 1 5/8-12 | 50 | 27.5 | 30 | 55 | 39 | 431 | 20M42F87OMXS | 20M42F87OMXS | 280 | 210 |
| 35, 38 | 1 1/2 | M 48×2.0 | 1 7/8-12 | 55 | 33 | 33 | 59 | 41.5 | 564 | 24M48F87OMXS | 24M48F87OMXS | 210 | 140 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

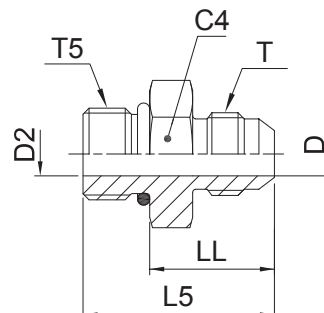
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

F5OMX Male stud connector

Triple-Lok® 37° Flare end / Male UN/UNF thread – O-ring (ISO 11926)
SAE 070120 MS51525



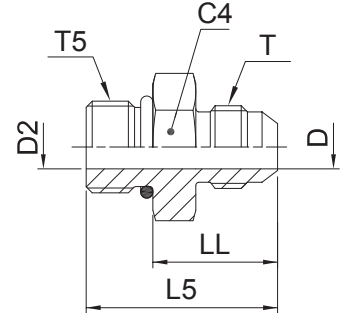
| Tube O.D. | Thread UN/UNF-2A T5 | Thread UN/UNF-2A T | C4 | D | D2 | L5 | LL | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | | |
|--------------|---------------------------|--------------------------|-----------|------|------|------|------|--------------------------------|----------------------|--------------------------------|---------------------|-----|-----|
| | | | | | | | | | | | S | SS | |
| 6 | 1/8 | 5/16-24 | 5/16-24 | 11 | 1.6 | 1.6 | 27 | 19 | 8 | 2 F5OX-S | | 500 | — |
| | 3/16 | 3/8-24 | 3/8-24 | 13 | 3 | 3 | 28 | 20 | 10 | 3 F5OX-S | | 500 | — |
| | 3/16 | 5/16-24 | 3/8-24 | 13 | 3 | 1.6 | 28 | 20 | 9 | 3-2 F5OX-S | | 500 | — |
| | 1/4 | 7/16-20 | 7/16-20 | 14.3 | 4.4 | 4.4 | 31 | 22 | 15 | 4F5OMXS | 4F5OMXSS | 500 | 350 |
| 6 | 1/4 | 3/8-24 | 7/16-20 | 14.3 | 4.4 | 3 | 30 | 23 | 12 | 4-3F5OMXSS | 4-3F5OMXSS | 500 | 350 |
| 6 | 1/4 | 1/2-20 | 7/16-20 | 16 | 4.4 | 4.4 | 31 | 22 | 25 | 4-5 F5OX-S | 4-5F5OMXSS | 420 | 350 |
| 6 | 1/4 | 9/16-18 | 7/16-20 | 17 | 4.4 | 4.4 | 33 | 23 | 27 | 4-6F5OMXS | 4-6F5OMXSS | 420 | 350 |
| 6 | 1/4 | 3/4-16 | 7/16-20 | 22.3 | 4.4 | 4.4 | 35 | 24 | 35 | 4-8 F5OX-S | 4-8F5OMXSS | 420 | 350 |
| 6 | 1/4 | 7/8-14 | 7/16-20 | 25.5 | 4.4 | 4.4 | 38 | 25 | 60 | 4-10 F5OX-S | 4-10F5OMXSS | 350 | 350 |
| 8 | 5/16 | 1/2-20 | 1/2-20 | 17 | 6 | 6 | 31 | 22 | 18 | 5F5OMXS | 5F5OMXSS | 420 | 350 |
| 8 | 5/16 | 7/16-20 | 1/2-20 | 14 | 6 | 4.5 | 31 | 22 | 18 | 5-4F5OMXS | 5-4F5OMXSS | 420 | 350 |
| 8 | 5/16 | 9/16-18 | 1/2-20 | 17.5 | 6 | 6 | 33 | 23 | 25 | 5-6 F5OX-S | 5-6F5OMXSS | 420 | 350 |
| 8 | 5/16 | 3/4-16 | 1/2-20 | 22.2 | 6 | 6 | 35 | 24 | 40 | 5-8 F5OX-S | 5-8F5OMXSS | 420 | 350 |
| 10 | 3/8 | 9/16-18 | 9/16-18 | 17 | 7.5 | 7.5 | 33 | 23 | 25 | 6F5OMXS | 6F5OMXSS | 420 | 350 |
| 10 | 3/8 | 7/16-20 | 9/16-18 | 16 | 7.5 | 4.4 | 32 | 23 | 40 | 6-4 F5OX-S | 6-4F5OMXSS | 420 | 350 |
| 10 | 3/8 | 1/2-20 | 9/16-18 | 16 | 7.5 | 6 | 32 | 23 | 56 | 6-5 F5OX-S | 6-5F5OMXSS | 420 | 350 |
| 10 | 3/8 | 3/4-16 | 9/16-18 | 22 | 7.5 | 7.5 | 35 | 24 | 44 | 6-8F5OMXS | 6-8F5OMXSS | 420 | 350 |
| 10 | 3/8 | 7/8-14 | 9/16-18 | 27 | 7.5 | 7.5 | 38 | 25 | 85 | 6-10F5OMXS | 6-10F5OMXSS | 350 | 350 |
| 10 | 3/8 | 1 1/16-12 | 9/16-18 | 31.8 | 7.5 | 15.5 | 42 | 27 | 100 | 6-12 F5OX-S | 6-12F5OMXSS | 350 | 350 |
| 12 | 1/2 | 3/4-16 | 3/4-16 | 22 | 9.9 | 9.9 | 38 | 27 | 58 | 8F5OMXS | 8F5OMXSS | 420 | 350 |
| 12 | 1/2 | 7/16-20 | 3/4-16 | 20.5 | 9.9 | 4.4 | 38 | 29 | 40 | 8-4 F5OX-S | 8-4F5OMXSS | 420 | 350 |
| 12 | 1/2 | 9/16-18 | 3/4-16 | 19 | 9.9 | 7.5 | 36.5 | 26.5 | 44 | 8-6F5OMXS | 8-6F5OMXSS | 420 | 350 |
| 12 | 1/2 | 7/8-14 | 3/4-16 | 27 | 9.9 | 9.9 | 41 | 28 | 73 | 8-10F5OMXS | 8-10F5OMXSS | 350 | 350 |
| 12 | 1/2 | 1 1/16-12 | 3/4-16 | 32 | 9.9 | 9.9 | 45 | 30 | 126 | 8-12F5OMXS | 8-12F5OMXSS | 350 | 350 |
| 12 | 1/2 | 1 5/16-12 | 3/4-16 | 38 | 9.9 | 9.9 | 45 | 30 | 160 | 8-16 F5OX-S | 8-16F5OMXSS | 310 | 310 |
| 14, 15, 16 | 5/8 | 7/8-14 | 7/8-14 | 27 | 12.3 | 12.3 | 43 | 30.5 | 75 | 10F5OMXS | 10F5OMXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 9/16-18 | 7/8-14 | 23.8 | 12.3 | 7.5 | 43 | 33 | 60 | 10-6 F5OX-S | 10-6F5OMXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 3/4-16 | 7/8-14 | 24 | 12.3 | 9.9 | 42 | 30.5 | 65 | 10-8F5OMXS | 10-8F5OMXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 1 1/16-12 | 7/8-14 | 32 | 12.3 | 12.3 | 47 | 32 | 132 | 10-12F5OMXS | 10-12F5OMXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 1 5/16-12 | 7/8-14 | 38 | 12.3 | 12.3 | 48 | 33 | 170 | 10-16 F5OX-S | 10-16F5OMXSS | 310 | 310 |
| 18, 20 | 3/4 | 1 1/16-12 | 1 1/16-12 | 32 | 15.5 | 15.5 | 50 | 35 | 134 | 12F5OMXS | 12F5OMXSS | 350 | 350 |
| 18, 20 | 3/4 | 3/4-16 | 1 1/16-12 | 28.6 | 15.5 | 9.9 | 49 | 38 | 104 | 12-8 F5OX-S | 12-8F5OMXSS | 350 | 350 |
| 18, 20 | 3/4 | 7/8-14 | 1 1/16-12 | 27 | 15.5 | 12.3 | 48 | 35 | 108 | 12-10F5OMXS | 12-10F5OMXSS | 350 | 350 |
| 18, 20 | 3/4 | 1 3/16-12 | 1 1/16-12 | 35 | 15.5 | 15.5 | 50 | 35 | 170 | 12-14 F5OX-S | 12-14F5OMXSS | 310 | 310 |
| 18, 20 | 3/4 | 1 5/16-12 | 1 1/16-12 | 38 | 15.5 | 21.5 | 50.5 | 35.5 | 197 | 12-16 F5OX-S | 12-16F5OMXSS | 310 | 310 |
| 18, 20 | 3/4 | 1 5/8-12 | 1 1/16-12 | 47.6 | 15.5 | 15.5 | 53 | 38 | 230 | 12-20 F5OX-S | 12-20F5OMXSS | 280 | 280 |
| 22 | 7/8 | 1 3/16-12 | 1 3/16-12 | 35 | 18.2 | 18.2 | 51 | 36 | 174 | 14 F5OX-S | 14F5OMXSS | 280 | 280 |
| 22 | 7/8 | 1 5/16-12 | 1 3/16-12 | 38 | 18.2 | 18.2 | 51 | 36 | 223 | 14-16 F5OX-S | 14-16F5OMXSS | 280 | 280 |
| 25 | 1 | 1 5/16-12 | 1 5/16-12 | 41 | 21.5 | 21.5 | 52 | 36.5 | 203 | 16F5OMXS | 16F5OMXSS | 280 | 280 |
| 25 | 1 | 3/4-16 | 1 5/16-12 | 35 | 21.4 | 9.9 | 45 | 34 | 160 | 16-8 F5OX-S | 16-8F5OMXSS | 280 | 280 |

Continued on page K28



F5OMX Male stud connector

Triple-Lok® 37° Flare end / Male UN/UNF thread – O-ring (ISO 11926)
SAE 070120 MS51525



| Tube O.D. | | Thread UN/UNF-2A T5 | Thread UN/UNF-2A T | C4 | D | D2 | L5 | LL | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|---------------------|--------------------|------|------|------|----|------|--------------------------|---------------------|-----------------------------|----------|-----|
| mm | in. | | | mm | mm | mm | mm | mm | | | | S | SS |
| 25 | 1 | 7/8-14 | 1 5/16-12 | 35 | 21.4 | 12.3 | 53 | 40 | 183 | 16-10 F5OX-S | 16-10F5OMXSS | 280 | 280 |
| 25 | 1 | 1 1/16-12 | 1 5/16-12 | 36 | 21.4 | 15.5 | 52 | 36.5 | 204 | 16-12F5OMXS | 16-12F5OMXSS | 280 | 280 |
| 25 | 1 | 1 3/16-12 | 1 5/16-12 | 35 | 21.4 | 18.3 | 52 | 37 | 198 | 16-14 F5OX-S | 16-14F5OMXSS | 280 | 280 |
| 25 | 1 | 1 5/8-12 | 1 5/16-12 | 47.6 | 21.4 | 21.4 | 54 | 39 | 270 | 16-20 F5OX-S | 16-20F5OMXSS | 280 | 280 |
| 25 | 1 | 1 7/8-12 | 1 5/16-12 | 54 | 21.4 | 21.4 | 56 | 41 | 310 | 16-24 F5OX-S | 16-24F5OMXSS | 210 | 210 |
| 28, 30, 32 | 1 1/4 | 1 5/8-12 | 1 5/8-12 | 50 | 27.5 | 27.5 | 55 | 40 | 274 | 20F5OMXS | 20F5OMXSS | 280 | 210 |
| 28, 30, 32 | 1 1/4 | 1 1/16-12 | 1 5/8-12 | 43 | 27.4 | 15.5 | 58 | 43 | 250 | 20-12 F5OX-S | 20-12F5OMXSS | 280 | 210 |
| 28, 30, 32 | 1 1/4 | 1 5/16-12 | 1 5/8-12 | 43 | 27.4 | 21.4 | 59 | 44 | 280 | 20-16 F5OX-S | 20-16F5OMXSS | 280 | 210 |
| 28, 30, 32 | 1 1/4 | 1 7/8-12 | 1 5/16-12 | 54 | 27.4 | 27.4 | 57 | 42 | 454 | 20-24 F5OX-S | 20-24F5OMXSS | 280 | 210 |
| 35, 38 | 1 1/2 | 1 7/8-12 | 1 7/8-12 | 55 | 33 | 33 | 60 | 45 | 355 | 24F5OMXS | 24F5OMXSS | 210 | 140 |
| 35, 38 | 1 1/2 | 1 5/8-12 | 1 7/8-12 | 51 | 33.3 | 27.4 | 64 | 49 | 340 | 24-20 F5OX-S | 24-20F5OMXSS | 210 | 140 |
| 35, 38 | 1 1/2 | 2 1/2-12 | 1 7/8-12 | 70 | 33.3 | 33.3 | 64 | 49 | 400 | 24-32 F5OX-S | | 140 | — |
| | 2 | 2 1/2-12 | 2 1/2-12 | 70 | 45.2 | 45.2 | 71 | 56 | 650 | 32 F5OX-S | | 140 | — |
| | 2 | 1 7/8-12 | 2 1/2-12 | 66.7 | 45.2 | 33.3 | 75 | 60 | 600 | 32-24 F5OX-S | | 140 | — |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

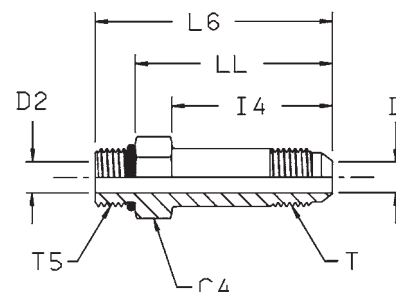
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

FF50MX Extended male stud connector

Triple-Lok® 37° Flare end / Male UN/UNF thread – O-ring (ISO 11926)
SAE 070122 MS51526



| Tube O.D. | | Thread UN/UNF-2A T5 | Thread UN/UNF-2A T | C4 mm | D mm | D2 mm | I4 mm | L6 mm | LL mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|---------------------|--------------------|-------|------|-------|-------|-------|-------|--------------------------|-------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | | S | SS |
| 6 | 1/4 | 7/16-20 | 7/16-20 | 14.3 | 4.4 | 4.4 | 35 | 53 | 44 | 33 | 4 FF50X-S | 4 FF50X-SS | 500 | 500 |
| 10 | 3/8 | 9/16-18 | 9/16-18 | 17.5 | 7.5 | 7.5 | 40 | 59 | 49 | 53 | 6 FF50X-S | 6 FF50X-SS | 420 | 420 |
| 12 | 1/2 | 3/4-16 | 3/4-16 | 22.2 | 9.9 | 9.9 | 48 | 69 | 58 | 104 | 8 FF50X-S | 8 FF50X-SS | 420 | 420 |
| 14, 15, 16 | 5/8 | 7/8-14 | 7/8-14 | 25.4 | 12.3 | 12.3 | 53 | 77 | 64 | 151 | 10 FF50X-S | 10 FF50X-SS | 350 | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 1 1/16-12 | 31.8 | 15.5 | 15.5 | 64 | 92 | 77 | 277 | 12 FF50X-S | 12 FF50X-SS | 350 | 350 |
| 25 | 1 | 1 5/16-12 | 1 5/16-12 | 38 | 21.4 | 21.4 | 72 | 101 | 86 | 458 | 16 FF50X-S | 16 FF50X-SS | 280 | 280 |
| 28, 30, 32 | 1 1/4 | 1 5/8-12 | 1 5/8-12 | 47.6 | 27.4 | 27.4 | 88 | 119 | 104 | 862 | 20 FF50X-S | 20 FF50X-SS | 280 | 280 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

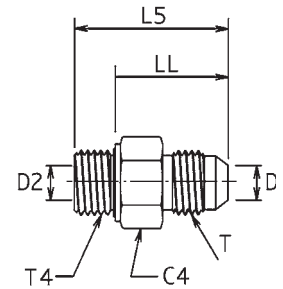
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

K

F42EDMX Male stud connector

Triple-Lok® 37° Flare end / Male BSPP thread – ED seal (ISO 1179)



| Tube O.D. | | Thread BSPP T4 | Thread UN/UNF-2A T | C4 mm | D mm | D2 mm | L5 mm | LL mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|----------------|--------------------|-------|------|-------|-------|-------|--------------------------|----------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | S | SS |
| 6 | 1/4 | 1/8-28 | 7/16-20 | 14 | 4.4 | 4.4 | 30 | 22 | 20 | 4F42EDMXS | 4F42EDMXSS | 500 | 350 |
| 6 | 1/4 | 1/4-19 | 7/16-20 | 19 | 4.4 | 4.4 | 35 | 23 | 34 | 4-4F42EDMXS | 4-4F42EDMXSS | 420 | 350 |
| 6 | 1/4 | 3/8-19 | 7/16-20 | 22 | 4.4 | 4.4 | 36 | 24 | 47 | 4-6F42EDMXS | 4-6F42EDMXSS | 420 | 350 |
| 6 | 1/4 | 1/2-14 | 7/16-20 | 27 | 4.4 | 4.4 | 39.5 | 25.5 | 99 | 4-8F42EDMXS | 4-8F42EDMXSS | 350 | 350 |
| 6 | 1/4 | 3/4-14 | 7/16-20 | 32 | 4.4 | 18 | 43 | 27 | 88 | 4-12F42EDMXS | 4-12F42EDMXSS | 350 | 350 |
| 8 | 5/16 | 1/8-28 | 1/2-20 | 14 | 6 | 4 | 30 | 22 | 20 | 5F42EDMXS | 5F42EDMXSS | 420 | 350 |
| 8 | 5/16 | 1/4-19 | 1/2-20 | 19 | 6 | 6 | 35 | 23 | 30 | 5-4F42EDMXS | 5-4F42EDMXSS | 420 | 350 |
| 8 | 5/16 | 3/8-19 | 1/2-20 | 22 | 6 | 6 | 36 | 24 | 47 | 5-6F42EDMXS | 5-6F42EDMXSS | 420 | 350 |
| 10 | 3/8 | 1/4-19 | 9/16-18 | 19 | 7.5 | 6 | 35 | 23 | 28 | 6F42EDMXS | 6F42EDMXSS | 420 | 350 |
| 10 | 3/8 | 1/8-28 | 9/16-18 | 17 | 7.5 | 4 | 31 | 23 | 27 | 6-2F42EDMXS | 6-2F42EDMXSS | 420 | 350 |
| 10 | 3/8 | 3/8-19 | 9/16-18 | 22 | 7.5 | 7.5 | 36 | 24 | 40 | 6-6F42EDMXS | 6-6F42EDMXSS | 420 | 350 |
| 10 | 3/8 | 1/2-14 | 9/16-18 | 27 | 7.5 | 7.5 | 39.5 | 25.5 | 95 | 6-8F42EDMXS | 6-8F42EDMXSS | 350 | 350 |
| 10 | 3/8 | 3/4-14 | 9/16-18 | 32 | 7.5 | 18 | 45.5 | 29.5 | 100 | 6-12F42EDMXS | 6-12F42EDMXSS | 350 | 350 |
| 12 | 1/2 | 3/8-19 | 3/4-16 | 22 | 9.9 | 9 | 38.5 | 26.5 | 50 | 8F42EDMXS | 8F42EDMXSS | 420 | 350 |
| 12 | 1/2 | 1/4-19 | 3/4-16 | 19 | 9.9 | 6 | 39 | 27 | 40 | 8-4F42EDMXS | 8-4F42EDMXSS | 420 | 350 |
| 12 | 1/2 | 1/2-14 | 3/4-16 | 27 | 9.9 | 9.9 | 42 | 28 | 100 | 8-8F42EDMXS | 8-8F42EDMXSS | 350 | 350 |
| 12 | 1/2 | 3/4-14 | 3/4-16 | 32 | 9.9 | 9.9 | 46 | 30 | 100 | 8-12F42EDMXS | 8-12F42EDMXSS | 350 | 350 |
| 12 | 1/2 | 1-11 | 3/4-16 | 41 | 9.9 | 23 | 53 | 35 | 150 | 8-16F42EDMXS | 8-16F42EDMXSS | 280 | 280 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 27 | 12.3 | 12.3 | 45 | 31 | 103 | 10F42EDMXS | 10F42EDMXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 1/4-19 | 7/8-14 | 24 | 12.3 | 6 | 41 | 29 | 110 | 10-4F42EDMXS | 10-4F42EDMXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 3/8-19 | 7/8-14 | 24 | 12.3 | 9 | 43 | 31 | 65 | 10-6F42EDMXS | 10-6F42EDMXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 3/4-14 | 7/8-14 | 32 | 12.3 | 12.3 | 48 | 32 | 160 | 10-12F42EDMXS | 10-12F42EDMXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 1-11 | 7/8-14 | 41 | 12.3 | 12.3 | 51 | 33 | 205 | 10-16F42EDMXS | 10-16F42EDMXSS | 280 | 280 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 32 | 15.5 | 15.5 | 51 | 35 | 165 | 12F42EDMXS | 12F42EDMXSS | 350 | 350 |
| 18, 20 | 3/4 | 3/8-19 | 1 1/16-12 | 27 | 15.5 | 9 | 50 | 38 | 105 | 12-6F42EDMXS | 12-6F42EDMXSS | 350 | 350 |
| 18, 20 | 3/4 | 1/2-14 | 1 1/16-12 | 27 | 15.5 | 14 | 49 | 35 | 118 | 12-8F42EDMXS | 12-8F42EDMXSS | 350 | 350 |
| 18, 20 | 3/4 | 1-11 | 1 1/16-12 | 41 | 15.5 | 15.5 | 53.5 | 34.5 | 292 | 12-16F42EDMXS | 12-16F42EDMXSS | 280 | 280 |
| 18, 20 | 3/4 | 1 1/4-11 | 1 1/16-12 | 50 | 15.5 | 30 | 62 | 42 | 220 | 12-20F42EDMXS | 12-20F42EDMXSS | 280 | 210 |
| 22 | 7/8 | 3/4-14 | 1 3/16-12 | 32 | 18 | 18 | 51 | 35 | 173 | 14F42EDMXS | 14F42EDMXSS | 280 | 280 |
| 25 | 1 | 1-11 | 1 5/16-12 | 41 | 21.5 | 21.5 | 55 | 37 | 262 | 16F42EDMXS | 16F42EDMXSS | 280 | 280 |
| 25 | 1 | 1/2-14 | 1 5/16-12 | 36 | 21.5 | 14 | 54 | 40 | 145 | 16-8F42EDMXS | 16-8F42EDMXSS | 280 | 280 |
| 25 | 1 | 3/4-14 | 1 5/16-12 | 36 | 21.5 | 18 | 53 | 37 | 217 | 16-12F42EDMXS | 16-12F42EDMXSS | 280 | 280 |
| 25 | 1 | 1 1/4-11 | 1 5/16-12 | 50 | 21.5 | 21.5 | 59 | 39 | 386 | 16-20F42EDMXS | 16-20F42EDMXSS | 280 | 280 |
| 28, 30, 32 | 1 1/4 | 1 1/4-11 | 1 5/8-12 | 50 | 27.5 | 27.5 | 60 | 40 | 375 | 20F42EDMXS | 20F42EDMXSS | 280 | 210 |
| 28, 30, 32 | 1 1/4 | 3/4-14 | 1 5/8-12 | 46 | 27.5 | 27.5 | 59.5 | 43.5 | 220 | 20-12F42EDMXS | 20-12F42EDMXSS | 280 | 210 |
| 28, 30, 32 | 1 1/4 | 1-11 | 1 5/8-12 | 46 | 27.5 | 23 | 62 | 44 | 255 | 20-16F42EDMXS | 20-16F42EDMXSS | 280 | 210 |
| 28, 30, 32 | 1 1/4 | 1 1/2-11 | 1 5/8-12 | 55 | 27.5 | 27.5 | 64 | 42 | 420 | 20-24F42EDMXS | 20-24F42EDMXSS | 210 | 140 |
| 35, 38 | 1 1/2 | 1 1/2-11 | 1 7/8-12 | 55 | 33 | 33 | 67 | 45 | 480 | 24F42EDMXS | 24F42EDMXSS | 210 | 140 |
| 35, 38 | 1 1/2 | 1-11 | 1 7/8-12 | 50 | 33 | 23 | 63 | 45 | 390 | 24-16F42EDMXS | 24-16F42EDMXSS | 210 | 210 |
| 35, 38 | 1 1/2 | 1 1/4-11 | 1 7/8-12 | 50 | 33 | 30 | 62 | 42 | 420 | 24-20F42EDMXS | 24-20F42EDMXSS | 210 | 210 |
| 42 | | 1 1/2-11 | 2 1/4-12 | 60 | 39 | 36 | 71 | 49 | 746 | 28-24F42EDMXS | 28-24F42EDMXSS | 140 | 105 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

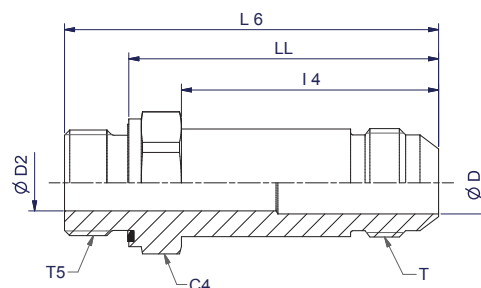
Order codes shown are part of our current manufacturing programme. Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

FF42EDMX Extended male stud connector

Triple-Lok® 37° Flare end / Male BSPP thread - ED seal (ISO 1179-2)
SAE 070122



| Tube O.D. | | Thread UN/UNF-2A | Thread BSPP | C4 | D | D2 | I4 | L6 | LL | Weight (steel) | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|------|------------------|-------------|----|----|----|----|----|----|----------------|--------------------|-----------------------------|----------|-----|
| mm | inch | T | T5 | mm | mm | mm | mm | mm | mm | g/1 piece | | | S | SS |
| 10 | 3/8 | 9/16-18 | 1/4-19 | 19 | 8 | 6 | 40 | 61 | 49 | 60 | 6FF42EDMXS | 6FF42EDMXSS | 420 | 350 |
| 12 | 1/2 | 3/4-16 | 3/8-14 | 22 | 10 | 9 | 48 | 70 | 58 | 100 | 8FF42EDMXS | 8FF42EDMXSS | 420 | 350 |
| 14, 15, 16 | 5/8 | 7/8-14 | 1/2-14 | 27 | 12 | 12 | 53 | 79 | 65 | 170 | 10FF42EDMXS | 10FF42EDMXSS | 350 | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 3/4-14 | 32 | 16 | 16 | 64 | 93 | 77 | 280 | 12FF42EDMXS | 12FF42EDMXSS | 350 | 350 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other materials see page K92.

Order codes shown are part of our current manufacturing programme.

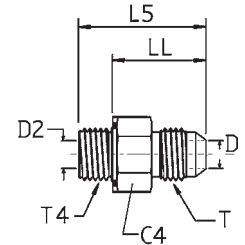
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

F4OMX Male stud connector

Triple-Lok® 37° Flare end / Male BSPP thread – O-ring + retaining ring (ISO 1179)



| Tube O.D. | | Thread BSPP T4 | Thread UN/UNF-2A T | C4 mm | D mm | D2 mm | L5 mm | LL mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|----------------|--------------------|-------|------|-------|-------|-------|--------------------------|--------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | S | SS |
| 6 | 1/4 | 1/8-28 | 7/16-20 | 17 | 4.4 | 4.4 | 28 | 21 | 20 | 4F4OMXS | 4F4OMXSS | 350 | 350 |
| 6 | 1/4 | 1/4-19 | 7/16-20 | 19 | 4.4 | 4.4 | 32 | 21 | 34 | 4-4F4OMXS | 4-4F4OMXSS | 350 | 350 |
| 6 | 1/4 | 3/8-19 | 7/16-20 | 22 | 4.4 | 4.4 | 33 | 22 | 47 | 4-6F4OMXS | 4-6F4OMXSS | 350 | 350 |
| 6 | 1/4 | 1/2-14 | 7/16-20 | 30 | 4.4 | 4.4 | 39 | 24 | 99 | 4-8F4OMXS | 4-8F4OMXSS | 350 | 350 |
| 8 | 5/16 | 1/8-28 | 1/2-20 | 17 | 6 | 4.4 | 28 | 21 | 25 | 5F4OMXS | 5F4OMXSS | 350 | 350 |
| 8 | 5/16 | 1/4-19 | 1/2-20 | 19 | 6 | 6 | 32 | 21 | 30 | 5-4F4OMXS | 5-4F4OMXSS | 350 | 350 |
| 8 | 5/16 | 3/8-19 | 1/2-20 | 22 | 6 | 6 | 33 | 22 | 47 | 5-6F4OMXS | 5-6F4OMXSS | 350 | 350 |
| 10 | 3/8 | 1/4-19 | 9/16-18 | 19 | 7.5 | 6 | 32.5 | 21 | 28 | 6F4OMXS | 6F4OMXSS | 350 | 350 |
| 10 | 3/8 | 1/8-28 | 9/16-18 | 17 | 7.5 | 4.4 | 29 | 22 | 27 | 6-2F4OMXS | 6-2F4OMXSS | 350 | 350 |
| 10 | 3/8 | 3/8-19 | 9/16-18 | 22 | 7.5 | 7.5 | 33 | 22 | 40 | 6-6F4OMXS | 6-6F4OMXSS | 350 | 350 |
| 10 | 3/8 | 1/2-14 | 9/16-18 | 30 | 7.5 | 7.5 | 38 | 23.5 | 25 | 6-8F4OMXS | 6-8F4OMXSS | 350 | 350 |
| 10 | 3/8 | 3/4-14 | 9/16-18 | 36 | 7.5 | 7.5 | 39.5 | 25 | 100 | 6-12F4OMXS | 6-12F4OMXSS | 280 | 280 |
| 12 | 1/2 | 3/8-19 | 3/4-16 | 22 | 9.9 | 9.9 | 36 | 25 | 50 | 8F4OMXS | 8F4OMXSS | 350 | 350 |
| 12 | 1/2 | 1/4-19 | 3/4-16 | 19 | 9.9 | 6 | 41 | 24 | 40 | 8-4F4OMXS | 8-4F4OMXSS | 350 | 350 |
| 12 | 1/2 | 1/2-14 | 3/4-16 | 30 | 9.9 | 9.9 | 41 | 27 | 100 | 8-8F4OMXS | 8-8F4OMXSS | 350 | 350 |
| 12 | 1/2 | 3/4-14 | 3/4-16 | 36 | 9.9 | 9.9 | 42 | 28.5 | 100 | 8-12F4OMXS | 8-12F4OMXSS | 280 | 250 |
| 12 | 1/2 | 1-11 | 3/4-16 | 46 | 9.9 | 9.9 | 47 | 29 | 150 | 8-16F4OMXS | 8-16F4OMXSS | 280 | 250 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 30 | 12.3 | 12.3 | 43 | 28.5 | 103 | 10F4OMXS | 10F4OMXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 1/4-19 | 7/8-14 | 24 | 12.3 | 6 | 39 | 28 | 110 | 10-4F4OMXS | 10-4F4OMXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 3/8-19 | 7/8-14 | 24 | 12.3 | 9 | 39 | 28 | 65 | 10-6F4OMXS | 10-6F4OMXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 3/4-14 | 7/8-14 | 36 | 12.3 | 12.3 | 45 | 30.5 | 160 | 10-12F4OMXS | 10-12F4OMXSS | 280 | 250 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 36 | 15.5 | 15.5 | 47.5 | 33 | 165 | 12F4OMXS | 12F4OMXSS | 280 | 250 |
| 18, 20 | 3/4 | 3/8-19 | 1 1/16-12 | 27 | 15.5 | 9 | 44 | 34 | 97 | 12-6F4OMXS | 12-6F4OMXSS | 350 | 250 |
| 18, 20 | 3/4 | 1/2-14 | 1 1/16-12 | 30 | 15.5 | 12 | 47 | 32 | 118 | 12-8F4OMXS | 12-8F4OMXSS | 350 | 350 |
| 18, 20 | 3/4 | 1-11 | 1 1/16-12 | 46 | 15.5 | 15.5 | 52.5 | 34 | 292 | 12-16F4OMXS | 12-16F4OMXSS | 280 | 250 |
| 18, 20 | 3/4 | 1 1/4-11 | 1 1/16-12 | 50 | 15.5 | 15.5 | 53 | 34.5 | 220 | 12-20F4OMXS | 12-20F4OMXSS | 250 | 175 |
| 25 | 1 | 1-11 | 1 5/16-12 | 46 | 21.5 | 21.5 | 53.5 | 35 | 262 | 16F4OMXS | 16F4OMXSS | 280 | 250 |
| 25 | 1 | 1/2-14 | 1 5/16-12 | 36 | 21.5 | 12 | 48.5 | 34 | 145 | 16-8F4OMXS | 16-8F4OMXSS | 280 | 250 |
| 25 | 1 | 3/4-14 | 1 5/16-12 | 36 | 21.5 | 15.5 | 48.5 | 34 | 173 | 16-12F4OMXS | 16-12F4OMXSS | 280 | 250 |
| 25 | 1 | 1 1/4-11 | 1 5/16-12 | 50 | 27.5 | 27.5 | 56 | 37.5 | 386 | 16-20F4OMXS | 16-20F4OMXSS | 250 | 175 |
| 28, 30, 32 | 1 1/4 | 1 1/4-11 | 1 5/8-12 | 50 | 27.5 | 27.5 | 56 | 37.5 | 325 | 20F4OMXS | 20F4OMXSS | 250 | 175 |
| 28, 30, 32 | 1 1/4 | 3/4-14 | 1 5/8-12 | 46 | 27.5 | 15.5 | 51 | 36.5 | 220 | 20-12F4OMXS | 20-12F4OMXSS | 280 | 175 |
| 28, 30, 32 | 1 1/4 | 1-11 | 1 5/8-12 | 46 | 27.5 | 15.5 | 51 | 37 | 330 | 20-16F4OMXS | 20-16F4OMXSS | 280 | 210 |
| 28, 30, 32 | 1 1/4 | 1 1/2-11 | 1 5/8-12 | 55 | 27.5 | 27.5 | 57 | 38.5 | 480 | 20-24F4OMXS | 20-24F4OMXSS | 210 | 140 |
| 35, 38 | 1 1/2 | 1 1/2-11 | 1 7/8-12 | 55 | 33 | 33 | 61 | 42.5 | 480 | 24F4OMXS | 24F4OMXSS | 210 | 140 |
| 35, 38 | 1 1/2 | 1 1/4-11 | 1 7/8-12 | 50 | 33 | 27.5 | 60.5 | 42 | 420 | 24-20F4OMXS | 24-20F4OMXSS | 210 | 140 |
| 42 | 1 1/2 | 1 1/2-11 | 2 1/4 | 60 | 39 | 33 | 67.5 | 49 | 740 | 28-24F4OMXS | 28-24F4OMXSS | 140 | 105 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

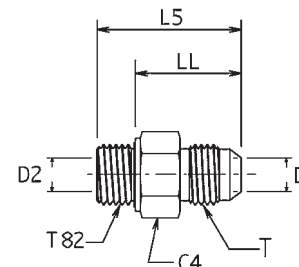
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

F82EDMX Male stud connector

Triple-Lok® 37° Flare end / Male metric thread – ED seal (ISO 9974)



| Tube O.D. mm | in. | Thread Metric T82 | Thread UN/UNF-2A T | C4 mm | D mm | D2 mm | L5 mm | LL mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|--------------------|-------|-------------------------|--------------------------|----------|---------|----------|----------|----------|--------------------------------|----------------------|--------------------------------|----------|-----|
| | | | | | | | | | | | | S | SS |
| 6 | 1/4 | M 10×1.0 | 7/16-20 | 14 | 4.4 | 4 | 30 | 22 | 19 | 4M10F82EDMXS | 4M10F82EDMXSS | 500 | 350 |
| 6 | 1/4 | M 12×1.5 | 7/16-20 | 17 | 4.4 | 6 | 34 | 22 | 30 | 4M12F82EDMXS | 4M12F82EDMXSS | 420 | 350 |
| 8 | 5/16 | M 10×1.0 | 1/2-20 | 14 | 6 | 4 | 30 | 22 | 17 | 5M10F82EDMXS | 5M10F82EDMXSS | 420 | 350 |
| 8 | 5/16 | M 12×1.5 | 1/2-20 | 17 | 6 | 6 | 34 | 22 | 28 | 5M12F82EDMXS | 5M12F82EDMXSS | 420 | 350 |
| 8 | 5/16 | M 14×1.5 | 1/2-20 | 19 | 6 | 7 | 35 | 23 | 35 | 5M14F82EDMXS | 5M14F82EDMXSS | 420 | 350 |
| 10 | 3/8 | M 12×1.5 | 9/16-18 | 17 | 7.5 | 6 | 35 | 23 | 33 | 6M12F82EDMXS | 6M12F82EDMXSS | 420 | 350 |
| 10 | 3/8 | M 14×1.5 | 9/16-18 | 19 | 7.5 | 7 | 35 | 23 | 38 | 6M14F82EDMXS | 6M14F82EDMXSS | 420 | 350 |
| 10 | 3/8 | M 16×1.5 | 9/16-18 | 22 | 7.5 | 9 | 36 | 24 | 53 | 6M16F82EDMXS | 6M16F82EDMXSS | 420 | 350 |
| 10 | 3/8 | M 18×1.5 | 9/16-18 | 24 | 7.5 | 11 | 36 | 24 | 60 | 6M18F82EDMXS | 6M18F82EDMXSS | 350 | 350 |
| 10 | 3/8 | M 22×1.5 | 9/16-18 | 27 | 7.5 | 14 | 39.5 | 25.5 | 68 | 6M22F82EDMXS | 6M22F82EDMXSS | 350 | 350 |
| 12 | 1/2 | M 14×1.5 | 3/4-16 | 19 | 9.9 | 7 | 38.5 | 26.5 | 41 | 8M14F82EDMXS | 8M14F82EDMXSS | 420 | 350 |
| 12 | 1/2 | M 16×1.5 | 3/4-16 | 22 | 9.9 | 9 | 38.5 | 26.5 | 57 | 8M16F82EDMXS | 8M16F82EDMXSS | 420 | 350 |
| 12 | 1/2 | M 18×1.5 | 3/4-16 | 24 | 9.9 | 11 | 38.5 | 26.5 | 71 | 8M18F82EDMXS | 8M18F82EDMXSS | 350 | 350 |
| 12 | 1/2 | M 22×1.5 | 3/4-16 | 27 | 9.9 | 14 | 42 | 28 | 70 | 8M22F82EDMXS | 8M22F82EDMXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | M 18×1.5 | 7/8-14 | 24 | 12.3 | 11 | 42.5 | 30.5 | 104 | 10M18F82EDMXS | 10M18F82EDMXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | M 22×1.5 | 7/8-14 | 27 | 12.3 | 14 | 44.5 | 30.5 | 161 | 10M22F82EDMXS | 10M22F82EDMXSS | 350 | 350 |
| 18, 20 | 3/4 | M 18×1.5 | 1 1/16-12 | 27 | 15.5 | 11 | 44.5 | 32.5 | 85 | 12M18F82EDMXS | 12M18F82EDMXSS | 350 | 350 |
| 18, 20 | 3/4 | M 22×1.5 | 1 1/16-12 | 27 | 15.5 | 14 | 49 | 35 | 273 | 12M22F82EDMXS | 12M22F82EDMXSS | 350 | 350 |
| 18, 20 | 3/4 | M 26×1.5 | 1 1/16-12 | 32 | 15.5 | 18 | 51 | 35 | 135 | 12M26F82EDMXS | 12M26F82EDMXSS | 350 | 350 |
| 18, 20 | 3/4 | M 27×2.0 | 1 1/16-12 | 32 | 15.5 | 16 | 51 | 35 | 431 | 12M27F82EDMXS | 12M27F82EDMXSS | 350 | 350 |
| 25 | 1 | M 26×1.5 | 1 5/16-12 | 36 | 21.5 | 18 | 55 | 39 | 350 | 16M26F82EDMXS | 16M26F82EDMXSS | 280 | 280 |
| 25 | 1 | M 27×2.0 | 1 5/16-12 | 36 | 21.5 | 16 | 52.5 | 36.5 | 360 | 16M27F82EDMXS | 16M27F82EDMXSS | 280 | 280 |
| 25 | 1 | M 33×2.0 | 1 5/16-12 | 41 | 21.5 | 23 | 54.5 | 36.5 | 431 | 16M33F82EDMXS | 16M33F82EDMXSS | 280 | 280 |
| 28, 30, 32 | 1 1/4 | M 42×2.0 | 1 5/8-12 | 50 | 27.5 | 30 | 60 | 40 | 431 | 20M42F82EDMXS | 20M42F82EDMXSS | 280 | 210 |
| 35, 38 | 1 1/2 | M 48×2.0 | 1 7/8-12 | 55 | 33 | 36 | 67 | 45 | 580 | 24M48F82EDMXS | 24M48F82EDMXSS | 210 | 140 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

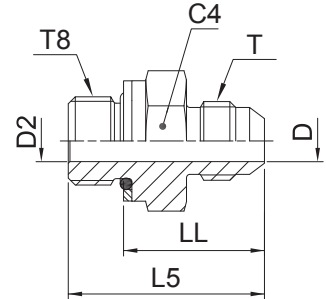
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

F8OMX Male stud connector

Triple-Lok® 37° Flare end / Male metric thread – O-ring + retainer ring



| Tube O.D. mm | Tube O.D. in. | Thread Metric T8 | Thread UN/UNF-2A T | C4 mm | D mm | D2 mm | L5 mm | LL mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | | PN (bar) | | |
|-----------------|------------------|------------------|--------------------|-------|------|-------|-------|-------|--------------------------|--------------------|-----------------------------|-----|----------|----|--|
| | | | | | | | | | | | S | SS | S | SS | |
| 6 | 1/4 | M 10×1.0 | 7/16-20 | 14 | 4.4 | 4.4 | 30 | 21.5 | 25 | 4M10F8OMXS | 4M10F8OMXS | 350 | 350 | | |
| 6 | 1/4 | M 12×1.5 | 7/16-20 | 17 | 4.4 | 6 | 33 | 22 | 35 | 4M12F8OMXS | 4M12F8OMXS | 420 | 350 | | |
| 8 | 5/16 | M 10×1.0 | 1/2-20 | 14 | 6 | 4.5 | 30 | 21.5 | 25 | 5M10F8OMXS | 5M10F8OMXS | 350 | 350 | | |
| 8 | 5/16 | M 12×1.5 | 1/2-20 | 19 | 6 | 6 | 33 | 22 | 35 | 5M12F8OMXS | 5M12F8OMXS | 420 | 350 | | |
| 8 | 5/16 | M 14×1.5 | 1/2-20 | 19 | 6 | 6 | 34 | 24 | 35 | 5M14F8OMXS | 5M14F8OMXS | 350 | 350 | | |
| 10 | 3/8 | M 12×1.5 | 9/16-18 | 17 | 7.5 | 6 | 34 | 23 | 35 | 6M12F8OMXS | 6M12F8OMXS | 420 | 350 | | |
| 10 | 3/8 | M 14×1.5 | 9/16-18 | 19 | 7.5 | 7.5 | 34 | 23 | 35 | 6M14F8OMXS | 6M14F8OMXS | 350 | 350 | | |
| 10 | 3/8 | M 16×1.5 | 9/16-18 | 22 | 7.5 | 9 | 35.5 | 24 | 51 | 6M16F8OMXS | 6M16F8OMXS | 350 | 350 | | |
| 10 | 3/8 | M 18×1.5 | 9/16-18 | 24 | 7.5 | 11 | 36.5 | 24 | 60 | 6M18F8OMXS | 6M18F8OMXS | 250 | 350 | | |
| 12 | 1/2 | M 14×1.5 | 3/4-16 | 19 | 9.9 | 7.5 | 36 | 25 | 38 | 8M14F8OMXS | 8M14F8OMXS | 350 | 350 | | |
| 12 | 1/2 | M 16×1.5 | 3/4-16 | 22 | 9.9 | 9 | 38 | 26.5 | 55 | 8M16F8OMXS | 8M16F8OMXS | 350 | 350 | | |
| 12 | 1/2 | M 18×1.5 | 3/4-16 | 24 | 9.9 | 11 | 39 | 26.5 | 66 | 8M18F8OMXS | 8M18F8OMXS | 250 | 250 | | |
| 12 | 1/2 | M 22×1.5 | 3/4-16 | 27 | 9.9 | 14 | 41 | 28 | 70 | 8M22F8OMXS | 8M22F8OMXS | 250 | 250 | | |
| 14, 15, 16 | 5/8 | M 18×1.5 | 7/8-14 | 24 | 12.3 | 11 | 43 | 30.5 | 71 | 10M18F8OMXS | 10M18F8OMXS | 250 | 250 | | |
| 14, 15, 16 | 5/8 | M 20×1.5 | 7/8-14 | 27 | 12.3 | 11 | 44.5 | 33 | 90 | 10M20F8OMXS | 10M20F8OMXS | 250 | 250 | | |
| 14, 15, 16 | 5/8 | M 22×1.5 | 7/8-14 | 27 | 12.3 | 14 | 43.5 | 30.5 | 98 | 10M22F8OMXS | 10M22F8OMXS | 250 | 250 | | |
| 18, 20 | 3/4 | M 18×1.5 | 1 1/16-12 | 27 | 15.5 | 11 | 50.5 | 38 | 85 | 12M18F8OMXS | 12M18F8OMXS | 250 | 250 | | |
| 18, 20 | 3/4 | M 22×1.5 | 1 1/16-12 | 27 | 15.5 | 14 | 48 | 35 | 104 | 12M22F8OMXS | 12M22F8OMXS | 250 | 250 | | |
| 18, 20 | 3/4 | M 24×1.5 | 1 1/16-12 | 30 | 15.5 | 14 | 44.5 | 32.5 | 120 | 12M26F8OMXS | 12M26F8OMXS | 210 | 210 | | |
| 18, 20 | 3/4 | M 27×2.0 | 1 1/16-12 | 32 | 15.5 | 18 | 51 | 35 | 154 | 12M27F8OMXS | 12M27F8OMXS | 210 | 210 | | |
| 25 | 1 | M 22×1.5 | 1 5/16-12 | 36 | 21.5 | 14 | 47.5 | 34.5 | 180 | 16M22F8OMXS | 16M22F8OMXS | 250 | 250 | | |
| 25 | 1 | M 26×1.5 | 1 5/16-12 | 36 | 21.5 | 15.5 | 51.5 | 34.5 | 202 | 16M26F8OMXS | 16M26F8OMXS | 210 | 210 | | |
| 25 | 1 | M 27×2.0 | 1 5/16-12 | 36 | 21.5 | 18 | 50.5 | 34.5 | 202 | 16M27F8OMXS | 16M27F8OMXS | 210 | 210 | | |
| 25 | 1 | M 33×2.0 | 1 5/16-12 | 41 | 21.5 | 23 | 53 | 37 | 267 | 16M33F8OMXS | 16M33F8OMXS | 210 | 210 | | |
| 28, 30, 32 | 1 1/4 | M 42×2.0 | 1 5/8-12 | 50 | 27.5 | 30 | 55 | 39 | 427 | 20M42F8OMXS | 20M42F8OMXS | 210 | 210 | | |
| 35, 38 | 1 1/2 | M 48×2.0 | 1 7/8-12 | 55 | 33 | 36 | 59.5 | 42 | 545 | 24M48F8OMXS | 24M48F8OMXS | 140 | 140 | | |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

Pressure ratings – PN shown, apply to Steel and Stainless Steel versions of the product.

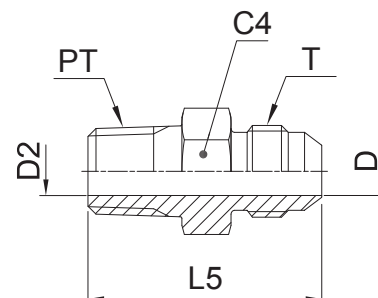
Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

FMTX Male stud connector

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

SAE 070102 MS51500

*Stainless Steel = NPT to prevent galling



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

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

PN (bar)
10 = PN (MPa)

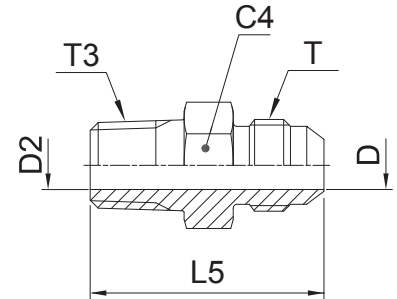
Pressure ratings – PN shown, apply to Steel and Stainless Steel versions of the product.

For Brass parts reduce pressures by 35%.

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

F3MX Male stud connector

Triple-Lok® 37° Flare end / Male BSPT thread (ISO 7)



| Tube O.D. | | Thread BSPT T3 | Thread UN/UNF-2A T | C4 mm | D mm | D2 mm | L5 mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|----------------|--------------------|-------|------|-------|-------|--------------------------|-------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | S | SS |
| 6 | 1/4 | 1/8-28 | 7/16-20 | 13 | 4.4 | 4.4 | 31 | 13 | 4F3MXS | 4F3MXSS | 315 | 315 |
| 6 | 1/4 | 1/4-19 | 7/16-20 | 14 | 4.4 | 4.4 | 35.5 | 25 | 4-4F3MXS | 4-4F3MXSS | 315 | 315 |
| 8 | 5/16 | 1/8-28 | 1/2-20 | 14 | 6 | 7 | 35 | 17 | 5F3MXS | 5F3MXSS | 315 | 315 |
| 8 | 5/16 | 1/4-19 | 1/2-20 | 14 | 6 | 7 | 35 | 24 | 5-4F3MXS | 5-4F3MXSS | 315 | 315 |
| 10 | 3/8 | 1/4-19 | 9/16-18 | 17 | 7.5 | 7 | 35.5 | 25 | 6F3MXS | 6F3MXSS | 315 | 315 |
| 10 | 3/8 | 3/8-19 | 9/16-18 | 19 | 7.5 | 10 | 35.5 | 37 | 6-6F3MXS | 6-6F3MXSS | 315 | 315 |
| 10 | 3/8 | 1/2-14 | 9/16-18 | 22 | 7.5 | 13.5 | 43 | 45 | 6-8F3MXS | 6-8F3MXSS | 315 | 315 |
| 12 | 1/2 | 3/8-19 | 3/4-16 | 19 | 9.9 | 10 | 39 | 43 | 8F3MXS | 8F3MXSS | 315 | 315 |
| 12 | 1/2 | 1/4-19 | 3/4-16 | 19 | 9.9 | 7 | 38 | 41 | 8-4F3MXS | 8-4F3MXSS | 315 | 315 |
| 12 | 1/2 | 1/2-14 | 3/4-16 | 22 | 9.9 | 13.5 | 45.5 | 71 | 8-8F3MXS | 8-8F3MXSS | 315 | 315 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 24 | 12.3 | 13.5 | 48 | 74 | 10F3MXS | 10F3MXSS | 315 | 315 |
| 14, 15, 16 | 5/8 | 3/8-19 | 7/8-14 | 24 | 12.3 | 10 | 43 | 61 | 10-6F3MXS | 10-6F3MXSS | 315 | 315 |
| 14, 15, 16 | 5/8 | 3/4-14 | 7/8-14 | 27 | 12.3 | 18 | 48.5 | 117 | 10-12F3MXS | 10-12F3MXSS | 160 | 160 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 27 | 15.5 | 18 | 51 | 119 | 12F3MXS | 12F3MXSS | 160 | 160 |
| 18, 20 | 3/4 | 1/2-14 | 1 1/16-12 | 27 | 15.5 | 13.5 | 51 | 100 | 12-8F3MXS | 12-8F3MXSS | 315 | 315 |
| 18, 20 | 3/4 | 1-11 | 1 1/16-12 | 36 | 15.5 | 24 | 57 | 214 | 12-16F3MXS | 12-16F3MXSS | 160 | 160 |
| 25 | 1 | 1-11 | 1 5/16-12 | 36 | 21.5 | 24 | 58.5 | 185 | 16F3MXS | 16F3MXSS | 160 | 160 |
| 25 | 1 | 3/4-14 | 1 5/16-12 | 36 | 21.5 | 18 | 53.5 | 146 | 16-12F3MXS | 16-12F3MXSS | 160 | 160 |
| 28, 30, 32 | 1 1/4 | 1 1/4-11 | 1 5/8-12 | 46 | 27.5 | 32 | 62 | 309 | 20F3MXS | 20F3MXSS | 160 | 160 |
| 28, 30, 32 | 1 1/4 | 1-11 | 1 5/8-12 | 46 | 27.5 | 24 | 61.5 | 243 | 20-16F3MXS | 20-16F3MXSS | 160 | 160 |
| 35, 38 | 1 1/2 | 1 1/2-11 | 1 7/8-12 | 50 | 33 | 38 | 68 | 421 | 24F3MXS | 24F3MXSS | 160 | 140 |
| 35, 38 | 1 1/2 | 1 1/4-11 | 1 7/8-12 | 50 | 33 | 32 | 67 | 352 | 24-20F3MXS | 24-20F3MXSS | 160 | 140 |

Order codes shown are part of our current manufacturing programme.

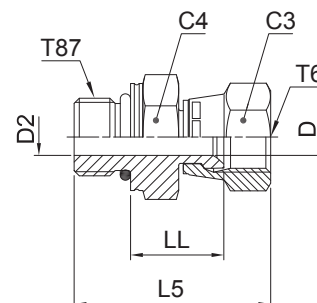
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

F687OMX Swivel male stud

Triple-Lok® 37° Flare female swivel end / Male metric thread – O-ring (ISO 6149)



| Tube O.D. | | Thread Metric T87 | Thread UN/UNF-2B T6 | C4 mm | C3 mm | D mm | D2 mm | L5 mm | LL mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|-------------------|---------------------|-------|-------|------|-------|-------|-------|--------------------------|-------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | | S | SS |
| 6 | 1/4 | M 10×1.0 | 7/16-20 | 14 | 14 | 4.4 | 4.4 | 32 | 15 | 25 | 4M10F687OMXS | 4M10F687OMXSS | 500 | 350 |
| 6 | 1/4 | M 12×1.5 | 7/16-20 | 17 | 14 | 4.4 | 6 | 35 | 15 | 30 | 4M12F687OMXS | 4M12F687OMXSS | 420 | 350 |
| 8 | 5/16 | M 10×1.0 | 1/2-20 | 14 | 17 | 6 | 4.5 | 34 | 16.5 | 40 | 5M10F687OMXS | 5M10F687OMXSS | 420 | 350 |
| 8 | 5/16 | M 12×1.5 | 1/2-20 | 17 | 17 | 6 | 6 | 37 | 16.5 | 64 | 5M12F687OMXS | 5M12F687OMXSS | 420 | 350 |
| 10 | 3/8 | M 14×1.5 | 9/16-18 | 19 | 19 | 7.5 | 7.5 | 38 | 18 | 65 | 6M14F687OMXS | 6M14F687OMXSS | 350 | 350 |
| 10 | 3/8 | M 16×1.5 | 9/16-18 | 22 | 19 | 7.5 | 9 | 40 | 19 | 75 | 6M16F687OMXS | 6M16F687OMXSS | 350 | 350 |
| 12 | 1/2 | M 16×1.5 | 3/4-16 | 22 | 22 | 9.9 | 9 | 44 | 21 | 80 | 8M16F687OMXS | 8M16F687OMXSS | 350 | 350 |
| 12 | 1/2 | M 18×1.5 | 3/4-16 | 24 | 22 | 9.9 | 11 | 45 | 21 | 90 | 8M18F687OMXS | 8M18F687OMXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | M 18×1.5 | 7/8-14 | 24 | 27 | 12.3 | 11 | 48 | 23 | 108 | 10M18F687OMXS | 10M18F687OMXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | M 22×1.5 | 7/8-14 | 27 | 27 | 12.3 | 14 | 49 | 23 | 115 | 10M22F687OMXS | 10M22F687OMXSS | 350 | 350 |
| 18, 20 | 3/4 | M 22×1.5 | 1 1/16-12 | 27 | 32 | 15.5 | 14 | 52 | 24.5 | 183 | 12M22F687OMXS | 12M22F687OMXSS | 350 | 350 |
| 18, 20 | 3/4 | M 27×2.0 | 1 1/16-12 | 32 | 32 | 15.5 | 18 | 55 | 24.5 | 197 | 12M27F687OMXS | 12M27F687OMXSS | 350 | 350 |
| 25 | 1 | M 33×2.0 | 1 5/16-12 | 41 | 38 | 21.5 | 23 | 59 | 27.5 | 250 | 16M33F687OMXS | 16M33F687OMXSS | 250 | 280 |
| 28, 30, 32 | 1 1/4 | M 42×2.0 | 1 5/8-12 | 50 | 50 | 27.5 | 30 | 63 | 31 | 500 | 20M42F687OMXS | 20M42F687OMXSS | 250 | 210 |
| 35, 38 | 1 1/2 | M 48×2.0 | 1 7/8-12 | 55 | 60 | 33 | 36 | 72 | 33 | 688 | 24M48F687OMXS | 24M48F687OMXSS | 170 | 140 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

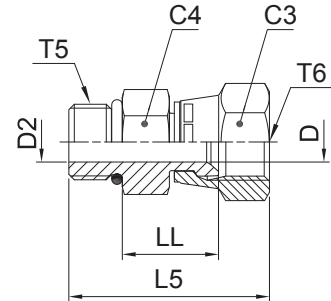
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

K

F65OMX Swivel male stud

Triple-Lok® 37° Flare female swivel end / Male UN/UNF thread – O-ring (ISO 11926)



| Tube O.D. | | Thread UNF T5 | Thread UN/UNF-2B T6 | C4 mm | C3 mm | D mm | D2 mm | L5 mm | LL mm | Weight (steel) g/1 piece | Triple-Lok® Steel | PN (bar) |
|------------|-------|---------------|---------------------|-------|-------|------|-------|-------|-------|--------------------------|-------------------|----------|
| mm | in. | | | | | | | | | | | |
| 6 | 1/4 | 7/16-20 | 7/16-20 | 14 | 14 | 4.4 | 4.4 | 33 | 15 | 27 | 4F65OMXS | 500 |
| 8 | 5/16 | 1/2-20 | 1/2-20 | 17 | 17 | 6 | 6 | 35 | 17 | 30 | 5F65OMXS | 420 |
| 10 | 3/8 | 9/16-18 | 9/16-18 | 17 | 19 | 7.5 | 7.5 | 38 | 18 | 35 | 6F65OMXS | 350 |
| 12 | 1/2 | 3/4-16 | 3/4-16 | 22.2 | 22 | 9.9 | 9.9 | 41.5 | 19 | 64 | 8 F65OX-S | 350 |
| 14, 15, 16 | 5/8 | 7/8-14 | 7/8-14 | 25.4 | 25.4 | 12.3 | 12.3 | 46 | 20.5 | 112 | 10 F65OX-S | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 1 1/16-12 | 28.6 | 28.6 | 15.5 | 15.5 | 54 | 25 | 183 | 12 F65OX-S | 350 |
| 25 | 1 | 1 5/16-12 | 1 5/16-12 | 38 | 38 | 21.4 | 21.4 | 58 | 27 | 234 | 16 F65OX-S | 250 |
| 28, 30, 32 | 1 1/4 | 1 5/8-12 | 1 5/8-12 | 51 | 51 | 27.5 | 27.5 | 63 | 32 | 500 | 20 F65OX-S | 250 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

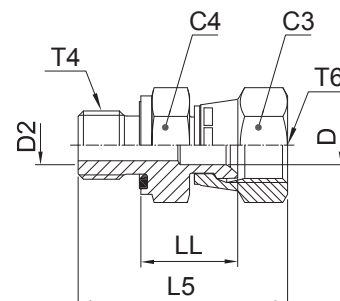
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

F642EDMX Swivel male stud

Triple-Lok® 37° Flare female swivel end / Male BSPP thread – ED seal (ISO 1179)



| Tube O.D. mm | in. | Thread BSPP T4 | Thread UN/UNF-2B T6 | C4 mm | C3 mm | D mm | D2 mm | L5 mm | LL mm | Weight (steel) g/1 piece | Triple-Lok® | | PN (bar) | |
|--------------------|-------|----------------------|---------------------------|----------|----------|---------|----------|----------|----------|--------------------------------|-----------------------|------------------------|----------|-----|
| | | | | | | | | | | | Steel | Stainless Steel | S | SS |
| 6 | 1/4 | 1/8-28 | 7/16-20 | 14 | 14 | 4.4 | 4.4 | 32 | 15 | 30 | 4F642EDMXS | 4F642EDMXSS | 500 | 350 |
| 6 | 1/4 | 1/4-19 | 7/16-20 | 19 | 14 | 4.4 | 4.4 | 37 | 16.5 | 30 | 4-4F642EDMXS | 4-4F642EDMXSS | 420 | 350 |
| 8 | 5/16 | 1/8-28 | 1/2-20 | 14 | 17 | 6 | 4 | 34 | 17 | 28 | 5F642EDMXS | 5F642EDMXSS | 420 | 350 |
| 8 | 5/16 | 1/4-19 | 1/2-20 | 19 | 17 | 6 | 6 | 39 | 17.5 | 37 | 5-4F642EDMXS | 5-4F642EDMXSS | 420 | 350 |
| 10 | 3/8 | 1/4-19 | 9/16-18 | 19 | 19 | 7.5 | 6 | 40 | 18.5 | 41 | 6F642EDMXS | 6F642EDMXSS | 350 | 350 |
| 10 | 3/8 | 3/8-19 | 9/16-18 | 22 | 19 | 7.5 | 9 | 41 | 19 | 57 | 6-6F642EDMXS | 6-6F642EDMXSS | 350 | 350 |
| 12 | 1/2 | 3/8-19 | 3/4-16 | 22 | 22 | 9.9 | 9 | 44 | 21 | 62 | 8F642EDMXS | 8F642EDMXSS | 350 | 350 |
| 12 | 1/2 | 1/4-19 | 3/4-16 | 19 | 22 | 9.9 | 6 | 44 | 21 | 60 | 8-4F642EDMXS | 8-4F642EDMXSS | 350 | 350 |
| 12 | 1/2 | 1/2-14 | 3/4-16 | 27 | 22 | 9.9 | 14 | 48 | 23 | 75 | 8-8F642EDMXS | 8-8F642EDMXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 27 | 27 | 12.3 | 14 | 50 | 23 | 127 | 10F642EDMXS | 10F642EDMXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 3/8-19 | 7/8-14 | 22 | 27 | 12.3 | 9 | 44 | 21 | 84 | 10-6F642EDMXS | 10-6F642EDMXSS | 350 | 350 |
| | | | | 36 | 32 | 12.3 | 12.3 | 49 | 23 | 169 | 10-12F642EDMXS | 10-12F642EDMXSS | 350 | 350 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 32 | 32 | 15.5 | 18 | 55 | 24.5 | 183 | 12F642EDMXS | 12F642EDMXSS | 350 | 350 |
| 18, 20 | 3/4 | 1/2-14 | 1 1/16-12 | 27 | 32 | 15.5 | 14 | 53 | 24.5 | 170 | 12-8F642EDMXS | 12-8F642EDMXSS | 350 | 350 |
| 25 | 1 | 1-11 | 1 5/16-12 | 41 | 38 | 21.5 | 23 | 61 | 27.5 | 296 | 16F642EDMXS | 16F642EDMXSS | 250 | 250 |
| 25 | 1 | 3/4-14 | 1 5/16-12 | 32 | 38 | 21.5 | 18 | 59 | 27.5 | 254 | 16-12F642EDMXS | 16-12F642EDMXSS | 250 | 250 |
| 28, 30, 33 | 1 1/4 | 1 1/4-11 | 1 5/8-12 | 50 | 50 | 27.5 | 30 | 68 | 32 | 500 | 20F642EDMXS | 20F642EDMXSS | 250 | 210 |
| 28, 30, 32 | 1 1/4 | 1-11 | 1 5/8-12 | 41 | 50 | 27.5 | 23 | 70 | 36.5 | 440 | 20-16F642EDMXS | 20-16F642EDMXSS | 250 | 210 |
| 35, 38 | 1 1/2 | 1 1/2-11 | 1 7/8-12 | 55 | 60 | 33 | 36 | 80 | 36 | 739 | 24F642EDMXS | 24F642EDMXSS | 170 | 140 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

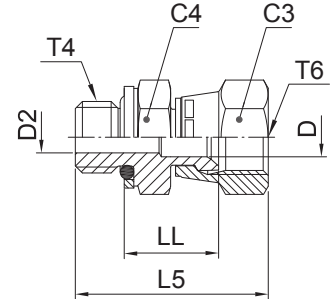
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

K

F64OMX Swivel male stud

Triple-Lok® 37° Flare female swivel end /
Male BSPP thread – O-ring + retainer ring (ISO 1179)



| Tube O.D. | | Thread BSPP T4 | Thread UN/UNF-2B T6 | C4 mm | C3 mm | D mm | D2 mm | L5 mm | LL mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|----------------|---------------------|-------|-------|------|-------|-------|-------|--------------------------|---------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | | S | SS |
| 6 | 1/4 | 1/8-28 | 7/16-20 | 17 | 14 | 4.4 | 4.4 | 32 | 17 | 30 | 4F64OMXS | 4F64OMXSS | 350 | 350 |
| 6 | 1/4 | 1/4-19 | 7/16-20 | 19 | 14 | 4.4 | 6 | 34 | 17 | 30 | 4-4F64OMXS | 4-4F64OMXSS | 350 | 350 |
| 8 | 5/16 | 1/8-28 | 1/2-20 | 17 | 17 | 6 | 4 | 32 | 17 | 28 | 5F64OMXS | 5F64OMXSS | 350 | 350 |
| 8 | 5/16 | 1/4-19 | 1/2-20 | 19 | 17 | 7.5 | 6 | 36 | 18 | 37 | 5-4F64OMXS | 5-4F64OMXSS | 350 | 350 |
| 10 | 3/8 | 1/4-19 | 9/16-18 | 19 | 19 | 7.5 | 6 | 37 | 18 | 41 | 6F64OMXS | 6F64OMXSS | 350 | 350 |
| 10 | 3/8 | 3/8-19 | 9/16-18 | 22 | 19 | 7.5 | 9 | 38 | 19 | 57 | 6-6F64OMXS | 6-6F64OMXSS | 350 | 350 |
| 12 | 1/2 | 3/8-19 | 3/4-16 | 22 | 22 | 9.9 | 9 | 41 | 21 | 62 | 8F64OMXS | 8F64OMXSS | 350 | 350 |
| 12 | 1/2 | 1/4-19 | 3/4-16 | 19 | 22 | 9.9 | 6 | 43 | 20 | 57 | 8-4F64OMXS | 8-4F64OMXSS | 350 | 350 |
| 12 | 1/2 | 1/2-14 | 3/4-16 | 30 | 22 | 9.9 | 14 | 46 | 23 | 75 | 8-8F64OMXS | 8-8F64OMXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 30 | 27 | 12.3 | 14 | 50 | 24.5 | 127 | 10F64OMXS | 10F64OMXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 3/8-19 | 7/8-14 | 22 | 27 | 12.3 | 9 | 44 | 22.5 | 84 | 10-6F64OMXS | 10-6F64OMXSS | 350 | 350 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 36 | 32 | 15.5 | 18 | 52 | 23.5 | 183 | 12F64OMXS | 12F64OMXSS | 280 | 280 |
| 18, 20 | 3/4 | 1/2-14 | 1 1/16-12 | 30 | 32 | 15.5 | 14 | 50 | 21.5 | 169 | 12-8F64OMXS | 12-8F64OMXSS | 350 | 350 |
| 25 | 1 | 1-11 | 1 5/16-12 | 46 | 38 | 21.5 | 23 | 59 | 27 | 296 | 16F64OMXS | 16F64OMXSS | 250 | 250 |
| 25 | 1 | 3/4-14 | 1 5/16-12 | 36 | 38 | 21.5 | 18 | 54 | 26 | 253 | 16-12F64OMXS | 16-12F64OMXSS | 250 | 250 |
| 28, 30, 32 | 1 1/4 | 1 1/4-11 | 1 5/8-12 | 50 | 50 | 27.5 | 30 | 64 | 32 | 500 | 20F64OMXS | 20F64OMXSS | 250 | 175 |
| 28, 30, 32 | 1 1/4 | 1-11 | 1 5/8-12 | 46 | 50 | 27.5 | 23 | 63 | 31 | 420 | 20-16F64OMXS | 20-16F64OMXSS | 250 | 175 |
| 35, 38 | 1 1/2 | 1 1/2-11 | 1 7/8-12 | 55 | 60 | 33 | 36 | 73 | 36 | 739 | 24F64OMXS | 24F64OMXSS | 170 | 140 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

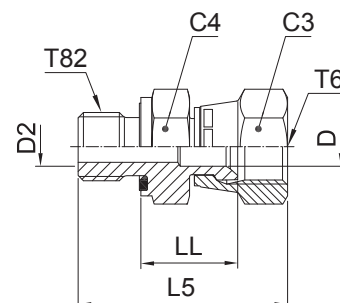
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

F682EDMX Swivel male stud

Triple-Lok® 37° Flare female swivel end / Male metric thread – ED seal (ISO 9974)



| Tube O.D. | | Thread Metric T82 | Thread UN/UNF-2B T6 | C4 mm | C3 mm | D mm | D2 mm | L5 mm | LL mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|-------------------|---------------------|-------|-------|------|-------|-------|-------|--------------------------|-----------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | | S | SS |
| 6 | 1/4 | M 10×1.0 | 7/16-20 | 14 | 14 | 4.4 | 4 | 32 | 15 | 28 | 4M10F682EDMXS | 4M10F682EDMXSS | 500 | 350 |
| 8 | 5/16 | M 12×1.5 | 1/2-20 | 17 | 17 | 6 | 6 | 38 | 17 | 32 | 5M12F682EDMXS | 5M12F682EDMXSS | 420 | 350 |
| 10 | 3/8 | M 14×1.5 | 9/16-18 | 19 | 19 | 7.5 | 7 | 40 | 18 | 42 | 6M14F682EDMXS | 6M14F682EDMXSS | 350 | 350 |
| 12 | 1/2 | M 16×1.5 | 3/4-16 | 22 | 22 | 9.9 | 9 | 44 | 21 | 62 | 8M16F682EDMXS | 8M16F682EDMXSS | 350 | 350 |
| 12 | 1/2 | M 18×1.5 | 3/4-16 | 24 | 22 | 9.9 | 11 | 44 | 21 | 70 | 8M18F682EDMXS | 8M18F682EDMXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | M 18×1.5 | 7/8-14 | 24 | 27 | 12.3 | 11 | 48 | 23 | 125 | 10M18F682EDMXS | 10M18F682EDMXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | M 22×1.5 | 7/8-14 | 27 | 27 | 12.3 | 14 | 50 | 23 | 155 | 10M22F682EDMXS | 10M22F682EDMXSS | 350 | 350 |
| 18, 20 | 3/4 | M 22×1.5 | 1 1/16-12 | 27 | 32 | 15.5 | 14 | 52 | 24.5 | 160 | 12M22F682EDMXS | 12M22F682EDMXSS | 350 | 350 |
| 18, 20 | 3/4 | M 27×2.0 | 1 1/16-12 | 32 | 32 | 15.5 | 15.5 | 55 | 24.5 | 172 | 12M27F682EDMXS | 12M27F682EDMXSS | 350 | 350 |
| 25 | 1 | M 33×2.0 | 1 5/16-12 | 41 | 38 | 21.5 | 23 | 61 | 26.5 | 259 | 16M33F682EDMXS | 16M33F682EDMXSS | 250 | 250 |
| 28, 30, 32 | 1 1/4 | M 42×2.0 | 1 5/8-12 | 50 | 50 | 27.5 | 30 | 68 | 32 | 484 | 20M42F682EDMXS | 20M42F682EDMXSS | 250 | 210 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

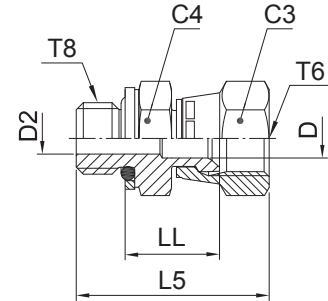
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

K

F68OMX Swivel male stud

Triple-Lok® 37° Flare female swivel end / Male metric thread O-ring + retaining ring



| Tube O.D. mm | Tube O.D. in. | Thread Metric T8 | Thread UN/UNF-2B T6 | C4 mm | C3 mm | D mm | D2 mm | L5 mm | LL mm | Weight (steel) g/1 piece | Triple-Lok® Steel | PN (bar) |
|-----------------|------------------|---------------------|------------------------|----------|----------|---------|----------|----------|----------|--------------------------------|----------------------|-------------|
| 6 | 1/4 | M 10×1.0 | 7/16-20 | 14 | 14 | 4.4 | 4 | 32 | 15 | 28 | 4M10F68OMXS | 350 |
| 8 | 5/16 | M 12×1.5 | 1/2-20 | 17 | 17 | 6 | 6 | 37 | 18 | 32 | 5M12F68OMXS | 420 |
| 10 | 3/8 | M 14×1.5 | 9/16-18 | 19 | 19 | 7.5 | 7 | 38 | 19.5 | 42 | 6M14F68OMXS | 350 |
| 12 | 1/2 | M 16×1.5 | 3/4-16 | 22 | 22 | 9.9 | 7.5 | 44 | 23 | 62 | 8M16F68OMXS | 350 |
| 12 | 1/2 | M 18×1.5 | 3/4-16 | 24 | 22 | 9.9 | 11 | 45 | 23 | 62 | 8M18F68OMXS | 250 |
| 14, 15, 16 | 5/8 | M 18×1.5 | 7/8-14 | 24 | 27 | 12.3 | 11 | 48 | 25 | 127 | 10M18F68OMXS | 250 |
| 14, 15, 16 | 5/8 | M 22×1.5 | 7/8-14 | 27 | 27 | 12.3 | 14 | 49 | 25 | 155 | 10M22F68OMXS | 250 |
| 18, 20 | 3/4 | M 27×2.0 | 1 1/16-12 | 32 | 32 | 15.5 | 15.5 | 55 | 26 | 172 | 12M27F68OMXS | 210 |
| 25 | 1 | M 33×2.0 | 1 5/16-12 | 41 | 38 | 21.5 | 23 | 57 | 29 | 259 | 16M33F68OMXS | 210 |
| 28, 30, 32 | 1 1/4 | M 42×2.0 | 1 5/8-12 | 50 | 50 | 27.5 | 30 | 63 | 33 | 484 | 20M42F68OMXS | 210 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

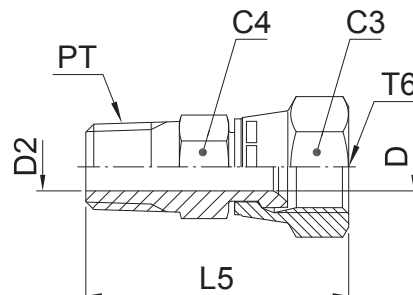
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

F6MX Swivel male stud

Triple-Lok® 37° Flare female swivel end / Male NPT* thread (SAE 476)

*Stainless Steel = NPT to prevent galling



| Tube O.D. | | Thread NPT/NPTF PT | Thread UN/UNF-2B T6 | C4 mm | C3 mm | D mm | D2 mm | L5 mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|--------------------|---------------------|-------|-------|------|-------|-------|--------------------------|--------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | S | SS |
| 6 | 1/4 | 1/8-27 | 7/16-20 | 14.3 | 14.3 | 4.4 | 4.4 | 31 | 18 | 4 F6X-S | 4F6MXSS | 420 | 350 |
| 6 | 1/4 | 1/4-18 | 7/16-20 | 14.3 | 14.3 | 4.4 | 4.4 | 39 | 19 | 4-4 F6X-S | 4-4F6MXSS | 420 | 350 |
| 8 | 5/16 | 1/8-27 | 1/2-20 | 14 | 17 | 6 | 5 | 35 | 26 | 5F6MXS | 5F6MXSS | 420 | 350 |
| 8 | 5/16 | 1/4-18 | 1/2-20 | 16 | 16 | 6 | 6 | 40 | 37 | 5-4 F6X-S | 5-4F6MXSS | 420 | 350 |
| 10 | 3/8 | 1/4-18 | 9/16-18 | 17.5 | 17.5 | 7.1 | 7.1 | 40 | 30 | 6 F6X-S | 6F6MXSS | 350 | 350 |
| 10 | 3/8 | 3/8-18 | 9/16-18 | 19 | 17.5 | 7.5 | 7.5 | 43 | 48 | 6-6 F6X-S | 6-6F6MXSS | 350 | 350 |
| 12 | 1/2 | 3/8-18 | 3/4-16 | 22.2 | 22.2 | 9.9 | 9.9 | 44 | 50 | 8 F6X-S | 8F6MXSS | 350 | 350 |
| 12 | 1/2 | 1/4-18 | 3/4-16 | 19 | 22 | 9.9 | 7 | 44 | 46 | 8-4F6MXS | 8-4F6MXSS | 350 | 350 |
| 12 | 1/2 | 1/2-14 | 3/4-16 | 22.2 | 22.2 | 9.9 | 9.9 | 49 | 69 | 8-8 F6X-S | 8-8F6MXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 25.4 | 25.4 | 12.3 | 12.3 | 52 | 75 | 10 F6X-S | 10F6MXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 3/8-18 | 7/8-14 | 25.4 | 25.4 | 10.3 | 10.3 | 47 | 67 | 10-6 F6X-S | 10-6F6MXSS | 350 | 350 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 31.8 | 31.8 | 15.5 | 15.5 | 55 | 125 | 12 F6X-S | 12F6MXSS | 350 | 350 |
| 18, 20 | 3/4 | 1/2-14 | 1 1/16-12 | 31.8 | 31.8 | 15.5 | 13.5 | 55 | 124 | 12-8 F6X-S | 12-8F6MXSS | 350 | 350 |
| 25 | 1 | 1-11.5 | 1 5/16-12 | 38 | 38.3 | 21.4 | 21.4 | 64 | 204 | 16 F6X-S | 16F6MXSS | 250 | 250 |
| 25 | 1 | 3/4-14 | 1 5/16-12 | 38 | 38.3 | 21.4 | 18.3 | 59 | 169 | 16-12 F6X-S | 16-12F6MXSS | 250 | 250 |
| 28, 30, 32 | 1 1/4 | 1 1/4-11.5 | 1 5/8-12 | 50.8 | 50.8 | 27.4 | 27.4 | 70 | 496 | 20 F6X-S | 20F6MXSS | 210 | 210 |
| 35, 38 | 1 1/2 | 1 1/2-11.5 | 1 7/8-12 | 57.2 | 57.2 | 33.3 | 33.3 | 77 | 750 | 24 F6X-S | 24F6MXSS | 170 | 170 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

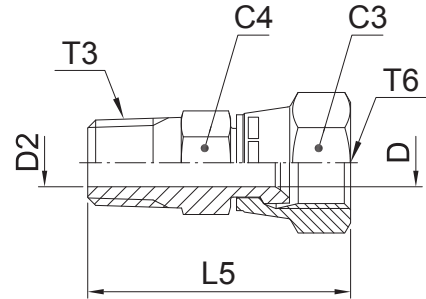
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

K

F63MX Swivel male stud

Triple-Lok® 37° Flare female swivel end / Male BSPT thread (ISO 7)



| Tube O.D. | | Thread BSPT T3 | Thread UN/UNF-2B T6 | C4 mm | C3 mm | D mm | D2 mm | L5 mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|----------------|---------------------|-------|-------|------|-------|-------|--------------------------|--------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | S | SS |
| 6 | 1/4 | 1/8-28 | 7/16-20 | 13 | 14 | 4.4 | 5 | 33 | 18 | 4F63MXS | 4F63MXSS | 315 | 315 |
| 6 | 1/4 | 1/4-19 | 7/16-20 | 14 | 14 | 4.4 | 7 | 38 | 19 | 4-4F63MXS | 4-4F63MXSS | 315 | 315 |
| 8 | 5/16 | 1/4-19 | 1/2-20 | 14 | 17 | 6 | 7 | 40 | 37 | 5-4F63MXS | 5-4F63MXSS | 315 | 315 |
| 10 | 3/8 | 1/4-19 | 9/16-18 | 14 | 19 | 7.5 | 7 | 41 | 30 | 6F63MXS | 6F63MXSS | 315 | 315 |
| 10 | 3/8 | 3/8-19 | 9/16-18 | 19 | 19 | 7.5 | 10 | 41 | 48 | 6-6F63MXS | 6-6F63MXSS | 315 | 315 |
| 12 | 1/2 | 3/8-19 | 3/4-16 | 19 | 22 | 9.9 | 9.9 | 44 | 50 | 8F63MXS | 8F63MXSS | 315 | 315 |
| 12 | 1/2 | 1/4-19 | 3/4-16 | 19 | 22 | 9.9 | 7 | 44 | 46 | 8-4F63MXS | 8-4F63MXSS | 315 | 315 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 22 | 27 | 12.3 | 13.5 | 53 | 75 | 10F63MXS | 10F63MXSS | 315 | 315 |
| 14, 15, 16 | 5/8 | 3/8-19 | 7/8-14 | 22 | 27 | 12.3 | 10 | 48 | 67 | 10-6F63MXS | 10-6F63MXSS | 315 | 315 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 30 | 32 | 15.5 | 18 | 56 | 125 | 12F63MXS | 12F63MXSS | 160 | 160 |
| 18, 20 | 3/4 | 1/2-14 | 1 1/16-12 | 27 | 32 | 15.5 | 13.5 | 56 | 120 | 12-8F63MXS | 12-8F63MXSS | 315 | 315 |
| 25 | 1 | 1-11 | 1 5/16-12 | 36 | 38 | 21.5 | 24 | 64 | 204 | 16F63MXS | 16F63MXSS | 160 | 160 |
| 25 | 1 | 3/4-14 | 1 5/16-12 | 32 | 38 | 21.5 | 18 | 59 | 165 | 16-12F63MXS | 16-12F63MXSS | 160 | 160 |
| 28, 30, 32 | 1 1/4 | 1 1/4-11 | 1 5/8-12 | 46 | 50 | 27.5 | 32 | 70 | 496 | 20F63MXS | 20F63MXSS | 160 | 160 |

Order codes shown are part of our current manufacturing programme.

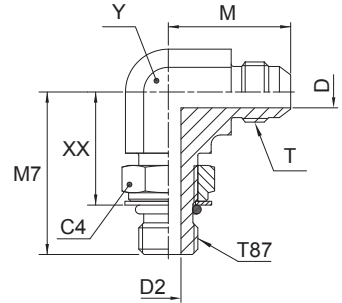
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

C87OMX Male stud elbow

Triple-Lok® 37° Flare end /
Adjustable metric thread – O-ring (ISO 6149)



| Tube O.D. | | Thread Metric T87 | Thread UN/UNF-2A T | C4 mm | D mm | D2 mm | M mm | M7 mm | XX mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|-------------------|--------------------|-------|------|-------|------|-------|-------|------|--------------------------|---------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | | | S | SS |
| 6 | 1/4 | M 10×1.0 | 7/16-20 | 14 | 4.4 | 4.5 | 23 | 27 | 19 | 11 | 17 | 4M10C87OMXS | 4M10C87OMXSS | 420 | 350 |
| 6 | 1/4 | M 12×1.5 | 7/16-20 | 17 | 4.4 | 6 | 24 | 31 | 19 | 13 | 20 | 4M12C87OMXS | 4M12C87OMXSS | 420 | 350 |
| 8 | 5/16 | M 10×1.0 | 1/2-20 | 14 | 6 | 4.5 | 24 | 26 | 17 | 13 | 22 | 5M10C87OMXS | 5M10C87OMXSS | 420 | 350 |
| 8 | 5/16 | M 12×1.5 | 1/2-20 | 17 | 6 | 6 | 24 | 31 | 19 | 13 | 25 | 5M12C87OMXS | 5M12C87OMXSS | 420 | 350 |
| 10 | 3/8 | M 14×1.5 | 9/16-18 | 19 | 7.5 | 7.5 | 27 | 34 | 22 | 14 | 31 | 6M14C87OMXS | 6M14C87OMXSS | 420 | 350 |
| 10 | 3/8 | M 16×1.5 | 9/16-18 | 22 | 7.5 | 9 | 29 | 38 | 26 | 19 | 55 | 6M16C87OMXS | 6M16C87OMXSS | 350 | 350 |
| 10 | 3/8 | M 16×1.5 | 3/4-16 | 22 | 9.9 | 9 | 32 | 38 | 26 | 19 | 65 | 8M16C87OMXS | 8M16C87OMXSS | 350 | 350 |
| 12 | 1/2 | M 18×1.5 | 3/4-16 | 24 | 9.9 | 11 | 32 | 38 | 25 | 19 | 66 | 8M18C87OMXS | 8M18C87OMXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | M 18×1.5 | 7/8-14 | 24 | 12.3 | 11 | 37 | 42 | 29 | 22 | 99 | 10M18C87OMXS | 10M18C87OMXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | M 22×1.5 | 7/8-14 | 27 | 12.3 | 14 | 37 | 43 | 29 | 22 | 99 | 10M22C87OMXS | 10M22C87OMXSS | 350 | 350 |
| 18, 20 | 3/4 | M 22×1.5 | 1 1/16-12 | 27 | 15.5 | 14 | 42 | 45 | 32 | 27 | 164 | 12M22C87OMXS | 12M22C87OMXSS | 350 | 350 |
| 18, 20 | 3/4 | M 27×2.0 | 1 1/16-12 | 32 | 15.5 | 18 | 42 | 51 | 35 | 27 | 173 | 12M27C87OMXS | 12M27C87OMXSS | 350 | 350 |
| 25 | 1 | M 27×2.0 | 1 5/16-12 | 32 | 21.5 | 18 | 46 | 53 | 37 | 33 | 287 | 16M27C87OMXS | 16M27C87OMXSS | 280 | 280 |
| 25 | 1 | M 33×2.0 | 1 5/16-12 | 41 | 21.5 | 23 | 46 | 53 | 37 | 33 | 287 | 16M33C87OMXS | 16M33C87OMXSS | 280 | 280 |
| 28, 30, 32 | 1 1/4 | M 42×2.0 | 1 5/8-12 | 50 | 27.5 | 30 | 52 | 58 | 42 | 41 | 575 | 20M42C87OMXS | 20M42C87OMXSS | 210 | 210 |
| 35, 38 | 1 1/2 | M 48×2.0 | 1 7/8-12 | 55 | 33 | 36 | 59 | 64 | 46 | 48 | 874 | 24M48C87OMXS | 24M48C87OMXSS | 140 | 140 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

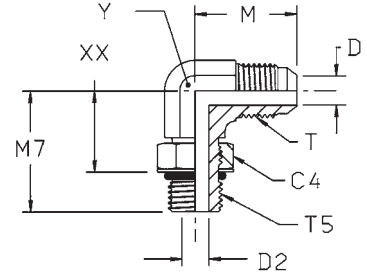
$$\frac{PN \text{ (bar)}}{10} = PN \text{ (MPa)}$$

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



C50MX Male stud elbow

Triple-Lok® 37° Flare end /
Adjustable UN/UNF thread – O-ring (ISO 11926)
SAE 070220 MS51527



| Tube O.D. | | Thread UN/UNF-2A T5 | Thread UN/UNF-2A T | C4 mm | D mm | D2 mm | M mm | M7 mm | XX mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|---------------------|--------------------|-------|------|-------|------|-------|-------|------|--------------------------|---------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | | | S | SS |
| 6 | 1/8 | 5/16-24 | 5/16-24 | 11.1 | 1.5 | 1.5 | 20 | 24 | 15 | 11 | 25 | 2 C50X-S | | 350 | — |
| | 3/16 | 3/8-24 | 3/8-24 | 12.7 | 3.2 | 3.2 | 21 | 24 | 15 | 11 | 30 | 3 C50X-S | | 350 | — |
| | 1/4 | 7/16-20 | 7/16-20 | 14.3 | 4.4 | 4.5 | 23 | 26 | 16 | 11 | 37 | 4C50MXS | 4C50MXSS | 420 | 350 |
| | 1/4 | 9/16-18 | 7/16-20 | 17.5 | 4.4 | 7.5 | 27 | 32 | 20 | 14 | 43 | 4-6 C50X-S | 4-6C50MXSS | 420 | 350 |
| 8 | 5/16 | 1/2-20 | 1/2-20 | 16 | 6 | 6 | 24 | 29 | 18 | 13 | 47 | 5C50MXS | 5C50MXSS | 420 | 350 |
| 8 | 5/16 | 7/16-20 | 1/2-20 | 14.3 | 6 | 4.4 | 24 | 29 | 18 | 14 | 55 | 5-4 C50X-S | 5-4C50MXSS | 420 | 350 |
| | 5/16 | 9/16-18 | 1/2-20 | 17.5 | 6 | 7.5 | 27 | 32 | 20 | 14 | 62 | 5-6 C50X-S | 5-6C50MXSS | 420 | 350 |
| | 3/8 | 9/16-18 | 9/16-18 | 17.5 | 7.5 | 7.5 | 27 | 32 | 20 | 14 | 63 | 6C50MXS | 6C50MXSS | 420 | 350 |
| | 3/8 | 7/16-20 | 9/16-18 | 14.3 | 7.5 | 4.4 | 27 | 30 | 20 | 14 | 99 | 6-4 C50X-S | 6-4C50MXSS | 420 | 350 |
| 10 | 3/8 | 1/2-20 | 9/16-18 | 16 | 7.5 | 6 | 27 | 30 | 19 | 14 | 99 | 6-5 C50X-S | 6-5C50MXSS | 420 | 350 |
| 10 | 3/8 | 3/4-16 | 9/16-18 | 22.2 | 7.5 | 10 | 29 | 37 | 24 | 19 | 125 | 6-8 C50X-S | 6-8C50MXSS | 420 | 350 |
| | 3/8 | 7/8-14 | 9/16-18 | 25.4 | 7.5 | 12.5 | 31 | 43 | 28 | 22 | 145 | 6-10 C50X-S | 6-10C50MXSS | 350 | 350 |
| | 1/2 | 3/4-16 | 3/4-16 | 22.2 | 9.9 | 10 | 32 | 37 | 24 | 19 | 160 | 8C50MXS | 8C50MXSS | 420 | 350 |
| | 1/2 | 7/16-20 | 3/4-16 | 14.3 | 9.9 | 4.4 | 32 | 32 | 21 | 19 | 150 | 8-4 C50X-S | 8-4C50MXSS | 420 | 350 |
| 12 | 1/2 | 9/16-18 | 3/4-16 | 17.5 | 9.9 | 7.5 | 32 | 34 | 22 | 19 | 130 | 8-6 C50X-S | 8-6C50MXSS | 420 | 350 |
| 12 | 1/2 | 7/8-14 | 3/4-16 | 27 | 9.9 | 12.5 | 34 | 43 | 28 | 22 | 180 | 8-10C50MXS | 8-10C50MXSS | 350 | 350 |
| | 1/2 | 1 1/16-12 | 3/4-16 | 31.8 | 9.9 | 15.5 | 36 | 49 | 32 | 27 | 210 | 8-12 C50X-S | 8-12C50MXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 7/8-14 | 7/8-14 | 27 | 12.3 | 12.5 | 37 | 43 | 28 | 22 | 186 | 10C50MXS | 10C50MXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 9/16-18 | 7/8-14 | 17.5 | 12.3 | 7.5 | 37 | 36 | 24 | 22 | 130 | 10-6 C50X-S | 10-6C50MXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 3/4-16 | 7/8-14 | 22.2 | 12.3 | 10 | 37 | 39 | 26 | 22 | 157 | 10-8 C50X-S | 10-8C50MXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 1 1/16-12 | 7/8-14 | 31.8 | 12.3 | 15.5 | 39 | 49 | 32 | 27 | 331 | 10-12 C50X-S | 10-12C50MXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 1 5/16-12 | 7/8-14 | 38 | 12.3 | 21.4 | 42 | 52 | 35 | 33 | 400 | 10-16 C50X-S | 10-16C50MXSS | 280 | 280 |
| 18, 20 | 3/4 | 1 1/16-12 | 1 1/16-12 | 32 | 15.5 | 15.5 | 42 | 49 | 32 | 27 | 301 | 12C50MXS | 12C50MXSS | 350 | 350 |
| 18, 20 | 3/4 | 3/4-16 | 1 1/16-12 | 22.2 | 15.5 | 10 | 42 | 41 | 28 | 27 | 297 | 12-8 C50X-S | 12-8C50MXSS | 350 | 350 |
| 18, 20 | 3/4 | 7/8-14 | 1 1/16-12 | 27 | 15.5 | 12.5 | 42 | 45 | 30 | 27 | 297 | 12-10C50MXS | 12-10C50MXSS | 350 | 350 |
| 18, 20 | 3/4 | 1 5/16-12 | 1 1/16-12 | 38 | 15.5 | 21.4 | 45 | 52 | 35 | 33 | 421 | 12-16 C50X-S | 12-16C50MXSS | 280 | 280 |
| 22 | 7/8 | 1 3/16-12 | 1 3/16-12 | 35 | 18.3 | 18 | 46 | 51 | 34 | 33 | 417 | 14 C50X-S | | 280 | — |
| 25 | 1 | 1 5/16-12 | 1 5/16-12 | 41 | 21.5 | 21.5 | 46 | 52 | 35 | 33 | 426 | 16C50MXS | 16C50MXSS | 280 | 280 |
| 25 | 1 | 1 1/16-12 | 1 5/16-12 | 31.8 | 21.5 | 15.5 | 46 | 52 | 35 | 33 | 418 | 16-12 C50X-S | 16-12C50MXSS | 280 | 280 |
| 25 | 1 | 1 5/8-12 | 1 5/16-12 | 47.6 | 21.5 | 27.4 | 51 | 57 | 40 | 41 | 546 | 16-20 C50X-S | 16-20C50MXSS | 280 | 210 |
| 28, 30, 32 | 1 1/4 | 1 5/8-12 | 1 5/8-12 | 47.6 | 27.4 | 27.4 | 52 | 57 | 40 | 41 | 674 | 20 C50X-S | 20C50MXSS | 280 | 210 |
| 28, 30, 32 | 1 1/4 | 1 5/16-12 | 1 5/8-12 | 38 | 27.4 | 21.5 | 52 | 57 | 40 | 41 | 650 | 20-16 C50X-S | 20-16C50MXSS | 280 | 280 |
| 28, 30, 32 | 1 1/4 | 1 7/8-12 | 1 5/8-12 | 54 | 27.4 | 33.4 | 56 | 61 | 44 | 48 | 920 | 20-24 C50X-S | 20-24C50MXSS | 210 | 210 |
| 35, 38 | 1 1/2 | 1 7/8-12 | 1 7/8-12 | 54 | 33.4 | 33.4 | 59 | 61 | 44 | 48 | 917 | 24 C50X-S | 24C50MXSS | 210 | 140 |
| 35, 38 | 1 1/2 | 1 5/8-12 | 1 7/8-12 | 47.6 | 33.4 | 27.4 | 59 | 61 | 44 | 48 | 920 | 24-20 C50X-S | 24-20C50MXSS | 210 | 140 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

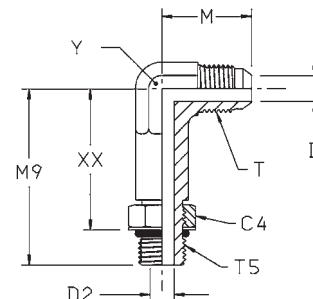
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

CC50X Extended male stud elbow

Triple-Lok® 37° Flare end / Male UNF thread – O-ring (ISO 11926)



| Tube O.D. mm | Tube O.D. in. | Thread UN/UNF-2A T5 | Thread UN/UNF-2A T | C4 mm | D mm | D2 mm | M mm | M9 mm | XX mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | PN (bar) |
|-----------------|------------------|---------------------------|--------------------------|----------|---------|----------|---------|----------|----------|---------|--------------------------------|----------------------|-------------|
| 6 | 1/4 | 7/16-20 | 7/16-20 | 14.3 | 4.4 | 4.5 | 23 | 44 | 33 | 14 | 44 | 4 CC50X-S | 420 |
| 10 | 3/8 | 9/16-18 | 9/16-18 | 17.5 | 7.5 | 7.5 | 27 | 53 | 41 | 14 | 51 | 6 CC50X-S | 420 |
| 12 | 1/2 | 3/4-16 | 3/4-16 | 22.2 | 9.9 | 9.9 | 32 | 64 | 50 | 22 | 146 | 8 CC50X-S | 420 |
| 14, 15, 16 | 5/8 | 7/8-14 | 7/8-14 | 25.4 | 12.3 | 12.3 | 37 | 73 | 58 | 22 | 169 | 10 CC50X-S | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 1 1/16-12 | 32 | 15.5 | 15.5 | 42 | 85 | 67 | 37 | 291 | 12 CC50X-S | 350 |
| 25 | 1 | 1 5/16-12 | 1 5/16-12 | 38 | 21.5 | 21.5 | 46 | 95 | 78 | 33 | 481 | 16 CC50X-S | 280 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

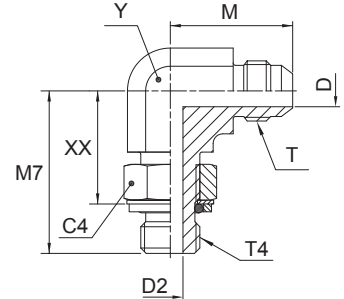
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

K

C4OMX Male stud elbow

Triple-Lok® 37° Flare end / Adjustable BSPP thread O-ring + retaining ring (ISO 1179)



| Tube O.D. mm | Tube O.D. in. | Thread BSPP T4 | Thread UN/UNF-2A T | C4 mm | D mm | D2 mm | M mm | M7 mm | XX mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® | | PN (bar) | |
|-----------------|------------------|----------------------|--------------------------|----------|---------|----------|---------|----------|----------|---------|--------------------------------|--------------------|--------------------|----------|-----|
| | | | | | | | | | | | | Steel | Stainless Steel | S | SS |
| 6 | 1/4 | 1/8-28 | 7/16-20 | 14 | 4.4 | 4.4 | 23 | 27 | 19 | 11 | 37 | 4C4OMXS | 4C4OMXS | 250 | 250 |
| 6 | 1/4 | 1/4-19 | 7/16-20 | 19 | 4.4 | 7.5 | 27 | 32 | 21 | 14 | 43 | 4-4C4OMXS | 4-4C4OMXS | 250 | 200 |
| 6 | 1/4 | 3/8-19 | 7/16-20 | 22 | 4.4 | 9.9 | 29 | 37 | 26 | 19 | 50 | 4-6C4OMXS | 4-6C4OMXS | 250 | 200 |
| 8 | 5/16 | 1/8-28 | 1/2-20 | 14 | 6 | 4.4 | 24 | 27 | 19 | 13 | 47 | 5C4OMXS | 5C4OMXS | 250 | 250 |
| 8 | 5/16 | 1/4-19 | 1/2-20 | 19 | 6 | 7.5 | 27 | 32 | 21 | 14 | 55 | 5-4C4OMXS | 5-4C4OMXS | 250 | 200 |
| 8 | 5/16 | 3/8-19 | 1/2-20 | 22 | 6 | 9.9 | 29 | 37 | 26 | 19 | 57 | 5-6C4OMXS | 5-6C4OMXS | 250 | 200 |
| 10 | 3/8 | 1/4-19 | 9/16-18 | 19 | 7.5 | 7.5 | 27 | 32 | 21 | 14 | 61 | 6C4OMXS | 6C4OMXS | 250 | 200 |
| 10 | 3/8 | 1/8-28 | 9/16-18 | 14 | 7.5 | 4.4 | 27 | 28 | 19 | 14 | 52 | 6-2C4OMXS | 6-2C4OMXS | 250 | 200 |
| 10 | 3/8 | 3/8-19 | 9/16-18 | 22 | 7.5 | 9.9 | 29 | 37 | 26 | 19 | 95 | 6-6C4OMXS | 6-6C4OMXS | 250 | 200 |
| 10 | 3/8 | 1/2-14 | 9/16-18 | 27 | 7.5 | 12.3 | 31 | 43 | 29 | 22 | 80 | 6-8C4OMXS | 6-8C4OMXS | 250 | 200 |
| 12 | 1/2 | 3/8-19 | 3/4-16 | 22 | 9.9 | 9.9 | 32 | 37 | 27 | 19 | 102 | 8C4OMXS | 8C4OMXS | 250 | 200 |
| 12 | 1/2 | 1/4-19 | 3/4-16 | 19 | 9.9 | 7.5 | 32 | 37 | 26 | 19 | 91 | 8-4C4OMXS | 8-4C4OMXS | 250 | 200 |
| 12 | 1/2 | 1/2-14 | 3/4-16 | 27 | 9.9 | 12.3 | 34 | 43 | 29 | 22 | 155 | 8-8C4OMXS | 8-8C4OMXS | 250 | 200 |
| 12 | 1/2 | 3/4-14 | 3/4-16 | 36 | 9.9 | 15.5 | 36 | 50 | 35 | 27 | 205 | 8-12C4OMXS | 8-12C4OMXS | 250 | 200 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 27 | 12.3 | 12.3 | 37 | 43 | 29 | 22 | 164 | 10C4OMXS | 10C4OMXS | 250 | 200 |
| 14, 15, 16 | 5/8 | 3/8-19 | 7/8-14 | 22 | 12.3 | 9.9 | 37 | 36 | 25 | 22 | 190 | 10-6C4OMXS | 10-6C4OMXS | 250 | 200 |
| 14, 15, 16 | 5/8 | 3/4-14 | 7/8-14 | 36 | 12.3 | 15.5 | 39 | 50 | 35 | 27 | 217 | 10-12C4OMXS | 10-12C4OMXS | 250 | 200 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 36 | 15.5 | 15.5 | 42 | 50 | 35 | 27 | 295 | 12C4OMXS | 12C4OMXS | 250 | 200 |
| 18, 20 | 3/4 | 1/2-14 | 1 1/16-12 | 27 | 15.5 | 12.3 | 42 | 50 | 35 | 27 | 245 | 12-8C4OMXS | 12-8C4OMXS | 250 | 200 |
| 18, 20 | 3/4 | 1-11 | 1 1/16-12 | 41 | 15.5 | 21.5 | 45 | 52 | 35 | 33 | 317 | 12-16C4OMXS | 12-16C4OMXS | 250 | 200 |
| 25 | 1 | 1-11 | 1 5/16-12 | 41 | 21.5 | 21.5 | 46 | 52 | 36 | 33 | 425 | 16C4OMXS | 16C4OMXS | 250 | 200 |
| 25 | 1 | 3/4-14 | 1 5/16-12 | 36 | 21.5 | 15.5 | 46 | 47 | 33 | 33 | 405 | 16-12C4OMXS | 16-12C4OMXS | 250 | 200 |
| 28, 30, 32 | 1 1/4 | 1 1/4-11 | 1 5/8-12 | 50 | 27.5 | 27.5 | 52 | 57 | 41 | 41 | 697 | 20C4OMXS | 20C4OMXS | 210 | 160 |
| 28, 30, 32 | 1 1/4 | 1-11 | 1 5/8-12 | 41 | 21.5 | 27.5 | 52 | 57 | 41 | 41 | 650 | 20-16C4OMXS | 20-16C4OMXS | 250 | 160 |
| 35, 38 | 1 1/2 | 1 1/2-11 | 1 7/8-12 | 55 | 33 | 33 | 59 | 61 | 45 | 48 | 953 | 24C4OMXS | 24C4OMXS | 140 | 140 |
| 35, 38 | 1 1/2 | 1 1/4-11 | 1 7/8-12 | 50 | 33 | 27.5 | 59 | 61 | 45 | 48 | 964 | 24-20C4OMXS | 24-20C4OMXS | 210 | 140 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

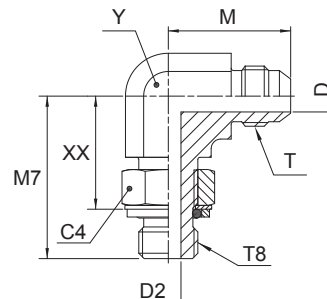
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

C8OMX Male stud elbow

Triple-Lok® 37° Flare end / Male metric thread – O-ring + retainer ring



| Tube O.D. mm | Tube O.D. in. | Thread Metric T8 | Thread UN/UNF-2A T | C4 mm | D mm | D2 mm | M mm | M7 mm | XX mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | PN (bar) |
|--------------------|---------------------|------------------------|--------------------------|----------|---------|----------|---------|----------|----------|---------|--------------------------------|----------------------|-------------|
| 6 | 1/4 | M 10×1.0 | 7/16-20 | 14 | 4.4 | 4.5 | 23 | 27 | 18 | 11 | 23 | 4M10C8OMXS | 250 |
| 6 | 1/4 | M 12×1.5 | 7/16-20 | 17 | 4.4 | 6 | 24 | 30.5 | 19 | 13 | 28 | 4M12C8OMXS | 250 |
| 8 | 5/16 | M 10×1.0 | 1/2-20 | 14 | 6 | 4.5 | 24 | 26 | 17 | 13 | 29 | 5M10C8OMXS | 250 |
| 8 | 5/16 | M 12×1.5 | 1/2-20 | 17 | 6 | 6 | 24 | 31 | 19 | 13 | 29 | 5M12C8OMXS | 250 |
| 8 | 5/16 | M 12×1.5 | 9/16-18 | 17 | 7.5 | 6 | 27 | 34 | 22 | 14 | 48 | 6M12C8OMXS | 250 |
| 10 | 3/8 | M 14×1.5 | 9/16-18 | 17 | 7.5 | 7.5 | 27 | 34 | 22 | 14 | 36 | 6M14C8OMXS | 250 |
| 10 | 3/8 | M 16×1.5 | 9/16-18 | 19 | 7.5 | 9 | 29 | 38 | 27 | 19 | 74 | 6M16C8OMXS | 250 |
| 10 | 3/8 | M 18×1.5 | 9/16-18 | 22 | 7.5 | 11 | 29 | 38 | 26 | 19 | 100 | 6M18C8OMXS | 250 |
| 12 | 1/2 | M 16×1.5 | 3/4-16 | 19 | 9.9 | 9 | 32 | 38 | 27 | 19 | 77 | 8M16C8OMXS | 250 |
| 12 | 1/2 | M 18×1.5 | 3/4-16 | 22 | 9.9 | 11 | 32 | 38 | 26 | 19 | 78 | 8M18C8OMXS | 250 |
| 12 | 1/2 | M 22×1.5 | 3/4-16 | 27 | 9.9 | 14 | 34 | 43 | 31 | 22 | 95 | 8M22C8OMXS | 250 |
| 14, 15, 16 | 5/8 | M 18×1.5 | 7/8-14 | 22 | 12.3 | 11 | 37 | 42 | 31 | 22 | 104 | 10M18C8OMXS | 250 |
| 14, 15, 16 | 5/8 | M 20×1.5 | 7/8-14 | 24 | 12.3 | 10 | 37 | 41 | 29 | 22 | 110 | 10M20C8OMXS | 250 |
| 14, 15, 16 | 5/8 | M 22×1.5 | 7/8-14 | 27 | 12.3 | 14 | 37 | 43 | 31 | 22 | 119 | 10M22C8OMXS | 250 |
| 14, 15, 16 | 5/8 | M 26×1.5 | 7/8-14 | 32 | 12.3 | 14 | 39 | 50 | 34 | 27 | 270 | 10M26C8OMXS | 250 |
| 18, 20 | 3/4 | M 22×1.5 | 1 1/16-12 | 27 | 15.5 | 14 | 42 | 45 | 34 | 27 | 198 | 12M22C8OMXS | 250 |
| 18, 20 | 3/4 | M 27×2.0 | 1 1/16-12 | 32 | 15.5 | 18 | 42 | 51 | 38 | 27 | 208 | 12M27C8OMXS | 175 |
| 25 | 1 | M 33×2.0 | 1 5/16-12 | 38 | 21.5 | 23 | 46 | 53 | 40 | 33 | 333 | 16M33C8OMXS | 140 |
| 28, 30, 32 | 1 1/4 | M 42×2.0 | 1 5/8-12 | 50 | 27.5 | 30 | 52 | 58 | 45 | 41 | 575 | 20M42C8OMXS | 140 |
| 35, 38 | 1 1/2 | M 48×2.0 | 1 7/8-12 | 55 | 33 | 36 | 59 | 64 | 49 | 48 | 872 | 24M48C8OMXS | 140 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

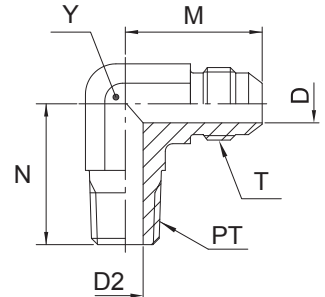
K

CMTX Male stud elbow

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

SAE 070202 MS51504

*Stainless Steel = NPT to prevent galling



| Tube O.D. | | Thread NPT/NPTF PT | Thread UN/UNF-2A T | D mm | D2 mm | M mm | N mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|--------------------|--------------------|------|-------|------|------|------|--------------------------|--------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | S | SS |
| 6 | 1/8 | 1/8-27 | 5/16-24 | 1.6 | 4.8 | 20 | 18 | 11 | 12 | 2 CTX-S | | 420 | — |
| | 3/16 | 1/8-27 | 3/8-24 | 3.2 | 4.8 | 21 | 18 | 11 | 15 | 3 CTX-S | | 420 | — |
| | 1/4 | 1/8-27 | 7/16-20 | 4.4 | 5 | 23 | 20 | 11 | 23 | 4CMTXS | 4CMTXSS | 420 | 350 |
| | 1/4 | 1/4-18 | 7/16-20 | 4.4 | 7 | 27 | 28 | 14 | 42 | 4-4 CTX-S | 4-4CMTXSS | 420 | 350 |
| 6 | 1/4 | 3/8-18 | 7/16-20 | 4.4 | 10.3 | 28 | 31 | 19 | 26 | 4-6 CTX-S | 4-6CMTXSS | 420 | 350 |
| 6 | 1/4 | 1/2-14 | 7/16-20 | 4.4 | 13.5 | 31 | 37 | 22 | 30 | 4-8 CTX-S | 4-8CMTXSS | 420 | 350 |
| 8 | 5/16 | 1/8-27 | 1/2-20 | 6 | 4.8 | 24 | 20 | 14 | 29 | 5 CTX-S | 5CMTXSS | 420 | 350 |
| 8 | 5/16 | 1/4-18 | 1/2-20 | 6 | 7.15 | 27 | 28 | 14 | 42 | 5-4 CTX-S | 5-4CMTXSS | 420 | 350 |
| 8 | 5/16 | 3/8-18 | 1/2-20 | 6 | 10.3 | 29 | 31 | 19 | 45 | 5-6 CTX-S | 5-6CMTXSS | 420 | 350 |
| 10 | 3/8 | 1/4-18 | 9/16-18 | 7.5 | 7 | 27 | 28 | 14 | 45 | 6CMTXS | 6CMTXSS | 420 | 350 |
| 10 | 3/8 | 1/8-27 | 9/16-18 | 7.5 | 4.8 | 27 | 23 | 14 | 55 | 6-2 CTX-S | 6-2CMTXSS | 420 | 350 |
| 10 | 3/8 | 3/8-18 | 9/16-18 | 7.5 | 10 | 29 | 31 | 19 | 76 | 6-6CMTXS | 6-6CMTXSS | 420 | 350 |
| 10 | 3/8 | 1/2-14 | 9/16-18 | 7.5 | 13.5 | 31 | 37 | 22 | 117 | 6-8CMTXS | 6-8CMTXSS | 420 | 350 |
| 12 | 1/2 | 3/8-18 | 3/4-16 | 9.9 | 10 | 32 | 31 | 19 | 86 | 8CMTXS | 8CMTXSS | 420 | 350 |
| 12 | 1/2 | 1/4-18 | 3/4-16 | 9.9 | 7 | 32 | 31 | 19 | 82 | 8-4CMTXS | 8-4CMTXSS | 420 | 350 |
| 12 | 1/2 | 1/2-14 | 3/4-16 | 9.9 | 13.5 | 34 | 37 | 22 | 125 | 8-8CMTXS | 8-8CMTXSS | 420 | 350 |
| 12 | 1/2 | 3/4-14 | 3/4-16 | 9.9 | 18.3 | 36 | 40 | 27 | 190 | 8-12 CTX-S | 8-12CMTXSS | 280 | 280 |
| 14, 15,16 | 5/8 | 1/2-14 | 7/8-14 | 12.3 | 13.5 | 37 | 37 | 22 | 129 | 10CMTXS | 10CMTXSS | 350 | 350 |
| 14, 15,16 | 5/8 | 3/8-18 | 7/8-14 | 12.3 | 10.3 | 37 | 33 | 22 | 127 | 10-6 CTX-S | 10-6CMTXSS | 350 | 350 |
| 14, 15,16 | 5/8 | 3/4-14 | 7/8-14 | 12.3 | 18 | 39 | 40 | 27 | 192 | 10-12CMTXS | 10-12CMTXSS | 280 | 280 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 15.5 | 18.3 | 42 | 40 | 27 | 198 | 12 CTX-S | 12CMTXSS | 280 | 280 |
| 18, 20 | 3/4 | 1/2-14 | 1 1/16-12 | 15.5 | 13.5 | 42 | 40 | 27 | 204 | 12-8 CTX-S | 12-8CMTXSS | 350 | 350 |
| 18, 20 | 3/4 | 1-11.5 | 1 1/16-12 | 15.5 | 23.8 | 45 | 50 | 33 | 318 | 12-16CMTXS | 12-16CMTXSS | 210 | 210 |
| 22 | 7/8 | 3/4-14 | 1 3/16-12 | 18.3 | 18.3 | 46 | 48 | 33.4 | 260 | 14 CTX-S | 14CMTXSS | 280 | 245 |
| 25 | 1 | 1-11.5 | 1 5/16-12 | 21.5 | 23.8 | 46 | 50 | 33.4 | 328 | 16 CTX-S | 16CMTXSS | 210 | 210 |
| 25 | 1 | 3/4-14 | 1 5/16-12 | 21.5 | 18.3 | 46 | 45 | 33.4 | 318 | 16-12 CTX-S | 16-12CMTXSS | 280 | 280 |
| 25 | 1 | 1 1/4-11.5 | 1 5/16-12 | 21.5 | 31.8 | 51 | 61 | 41 | 477 | 16-20 CTX-S | 16-20CMTXSS | 170 | 170 |
| 28, 30, 32 | 1 1/4 | 1 1/4-11.5 | 1 5/8-12 | 27.4 | 31.8 | 52 | 61 | 41 | 549 | 20 CTX-S | 20CMTXSS | 170 | 170 |
| 28, 30, 32 | 1 1/4 | 1-11.5 | 1 5/8-12 | 27.4 | 24 | 52 | 60 | 41 | 536 | 20-16CMTXS | 20-16CMTXSS | 210 | 210 |
| 28, 30, 32 | 1 1/4 | 1 1/2-11.5 | 1 5/8-12 | 27.4 | 38 | 56 | 67 | 48 | 630 | 20-24 CTX-S | 20-24CMTXSS | 170 | 140 |
| 35, 38 | 1 1/2 | 1 1/2-11.5 | 1 7/8-12 | 33.3 | 38 | 59 | 67 | 48 | 747 | 24 CTX-S | 24CMTXSS | 170 | 140 |
| 35, 38 | 1 1/2 | 1 1/4-11.5 | 1 7/8-12 | 33.3 | 31.8 | 59 | 57 | 48 | 715 | 24-20 CTX-S | 24-20CMTXSS | 170 | 140 |
| | 2 | 2-11.5 | 2 1/2-12 | 45.2 | 49.2 | 78 | 76 | 64 | 1644 | 32 CTX-S | | 140 | — |
| | 2 | 1 1/2-11.5 | 2 1/2-12 | 45.2 | 38 | 78 | 75 | 64 | 1450 | 32-24 CTX-S | | 140 | — |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

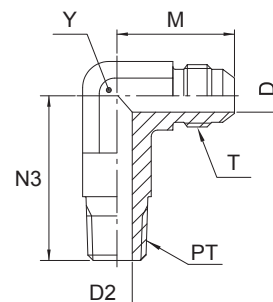
Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

CCTX Extended male stud elbow

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

SAE 070202 MS51504

*Stainless Steel = NPT to prevent galling



| Tube O.D. | | Thread NPT/NPTF PT | Thread UN/UNF-2A T | D mm | D2 mm | M mm | N3 mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|--------------------|--------------------|------|-------|------|-------|------|--------------------------|-------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | S | SS |
| 6 | 1/4 | 1/8-27 | 7/16-20 | 4.4 | 4.8 | 23 | 30 | 11 | 28 | 4 CCTX-S | 4 CCTX-SS | 420 | 350 |
| 6 | 1/4 | 1/4-18 | 7/16-20 | 4.4 | 7 | 27 | 40 | 14 | 28 | 4-4 CCTX-S | 4-4 CCTX-SS | 420 | 350 |
| 8 | 5/16 | 1/8-27 | 1/2-20 | 6 | 4.8 | 24 | 30 | 14 | 35 | 5 CCTX-S | 5 CCTX-SS | 420 | 350 |
| 10 | 3/8 | 1/4-18 | 9/16-18 | 7.5 | 7.2 | 27 | 40 | 14 | 58 | 6 CCTX-S | 6 CCTX-SS | 420 | 350 |
| 10 | 3/8 | 3/8-18 | 9/16-18 | 7.5 | 10.3 | 29 | 46 | 19 | 58 | 6-6 CCTX-S | 6-6 CCTX-SS | 420 | 350 |
| 12 | 1/2 | 3/8-18 | 3/4-16 | 9.9 | 10.3 | 32 | 46 | 19 | 111 | 8 CCTX-S | 8 CCTX-SS | 420 | 350 |
| 12 | 1/2 | 1/2-14 | 3/4-16 | 9.9 | 13.5 | 34 | 55 | 22 | 136 | 8-8 CCTX-S | 8-8 CCTX-SS | 420 | 350 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 12.3 | 13.5 | 37 | 55 | 22 | 183 | 10 CCTX-S | 10 CCTX-SS | 350 | 350 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 15.5 | 18.3 | 42 | 62 | 26.5 | 253 | 12 CCTX-S | 12 CCTX-SS | 280 | 280 |
| 25 | 1 | 1-11.5 | 1 5/16-12 | 21.4 | 23.8 | 46 | 76 | 33 | 435 | 16 CCTX-S | 16 CCTX-SS | 210 | 210 |
| 28, 30, 32 | 1 1/4 | 1 1/4-11.5 | 1 5/8-12 | 27.4 | 31.8 | 52 | 94 | 41 | 1021 | 20 CCTX-S | 20 CCTX-SS | 170 | 170 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

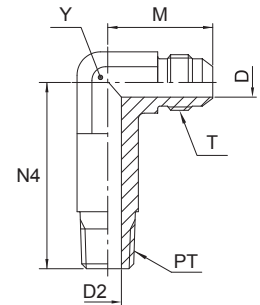
Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.



CCCTX Extended male stud elbow

Triple-Lok® 37° Flare end / Male NPTF* thread (SAE 476)
SAE 071602

*Stainless Steel = NPT to prevent galling



| Tube O.D. | | Thread NPT/NPTF PT | Thread UN/UNF-2A T | D mm | D2 mm | M mm | N4 mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | PN (bar) |
|------------|-------|--------------------|--------------------|------|-------|------|-------|------|--------------------------|--------------------|----------|
| mm | in. | | | | | | | | | | |
| 6 | 1/4 | 1/8-27 | 7/16-20 | 4.4 | 4.8 | 23 | 40 | 11 | 32 | 4 CCCTX-S | 420 |
| 6 | 1/4 | 1/4-18 | 7/16-20 | 4.4 | 7 | 27 | 53 | 14 | 32 | 4-4 CCCTX-S | 420 |
| 8 | 5/16 | 1/8-27 | 1/2-20 | 6 | 4.8 | 25 | 41 | 14 | 39 | 5 CCCTX-S | 420 |
| 10 | 3/8 | 1/4-18 | 9/16-18 | 7.5 | 7.2 | 27 | 53 | 14 | 72 | 6 CCCTX-S | 420 |
| 10 | 3/8 | 3/8-18 | 9/16-18 | 7.5 | 10.3 | 29 | 59 | 19 | 72 | 6-6 CCCTX-S | 420 |
| 12 | 1/2 | 3/8-18 | 3/4-16 | 10.3 | 9.9 | 32 | 59 | 19 | 130 | 8 CCCTX-S | 420 |
| 12 | 1/2 | 1/2-14 | 3/4-16 | 9.9 | 13.5 | 34 | 73 | 22 | 163 | 8-8 CCCTX-S | 420 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 12.3 | 13.5 | 37 | 73 | 22 | 212 | 10 CCCTX-S | 350 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 15.5 | 18.3 | 42 | 83 | 27 | 356 | 12 CCCTX-S | 280 |
| 25 | 1 | 1-11.5 | 1 5/16-12 | 21.4 | 23.8 | 46 | 102 | 33 | 520 | 16 CCCTX-S | 210 |
| 28, 30, 32 | 1 1/4 | 1 1/4-11.5 | 1 5/8-12 | 27.4 | 31.8 | 52 | 127 | 41 | 1196 | 20 CCCTX-S | 170 |

Order codes shown are part of our current manufacturing programme.

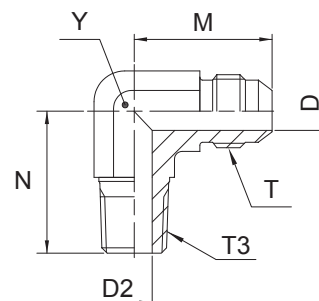
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

C3MX Male stud elbow

Triple-Lok® 37° Flare end / Male BSPT thread (ISO 7)



| Tube O.D. | | Thread BSPT T3 | Thread UN/UNF-2A T | D mm | D2 mm | M mm | N mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|----------------|--------------------|------|-------|------|------|------|--------------------------|-------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | S | SS |
| 6 | 1/4 | 1/8-28 | 7/16-20 | 4.4 | 5 | 23 | 20 | 11 | 23 | 4C3MXS | 4C3MXSS | 315 | 315 |
| 6 | 1/4 | 1/4-19 | 7/16-20 | 4.4 | 7 | 27 | 28 | 14 | 42 | 4-4C3MXS | 4-4C3MXSS | 315 | 315 |
| 8 | 5/16 | 1/8-28 | 1/2-20 | 6 | 5 | 24 | 20 | 13 | 29 | 5C3MXS | 5C3MXSS | 315 | 315 |
| 8 | 5/16 | 1/4-19 | 1/2-20 | 6 | 7 | 27 | 28 | 14 | 42 | 5-4C3MXS | 5-4C3MXSS | 315 | 315 |
| 10 | 3/8 | 1/4-19 | 9/16-18 | 7.5 | 7 | 27 | 28 | 14 | 45 | 6C3MXS | 6C3MXSS | 315 | 315 |
| 10 | 3/8 | 3/8-19 | 9/16-18 | 7.5 | 10 | 29 | 31 | 19 | 76 | 6-6C3MXS | 6-6C3MXSS | 315 | 315 |
| 10 | 3/8 | 1/2-14 | 9/16-18 | 7.5 | 13.5 | 31 | 37 | 22 | 117 | 6-8C3MXS | 6-8C3MXSS | 315 | 315 |
| 12 | 1/2 | 3/8-19 | 3/4-16 | 9.9 | 10 | 32 | 31 | 19 | 86 | 8C3MXS | 8C3MXSS | 315 | 315 |
| 12 | 1/2 | 1/4-19 | 3/4-16 | 9.9 | 7 | 32 | 31 | 19 | 82 | 8-4C3MXS | 8-4C3MXSS | 315 | 315 |
| 12 | 1/2 | 1/2-14 | 3/4-16 | 9.9 | 13.5 | 34 | 37 | 22 | 125 | 8-8C3MXS | 8-8C3MXSS | 315 | 315 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 12.3 | 13.5 | 37 | 37 | 22 | 129 | 10C3MXS | 10C3MXSS | 315 | 315 |
| 14, 15, 16 | 5/8 | 3/8-19 | 7/8-14 | 12.3 | 10.3 | 37 | 33 | 22 | 127 | 10-6C3MXS | 10-6C3MXSS | 315 | 315 |
| 14, 15, 16 | 5/8 | 3/4-14 | 7/8-14 | 12.3 | 18 | 39 | 40 | 27 | 192 | 10-12C3MXS | 10-12C3MXSS | 160 | 160 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 15.5 | 18 | 42 | 40 | 27 | 198 | 12C3MXS | 12C3MXSS | 160 | 160 |
| 18, 20 | 3/4 | 1/2-14 | 1 1/16-12 | 15.5 | 13.5 | 42 | 40 | 27 | 204 | 12-8C3MXS | 12-8C3MXSS | 315 | 315 |
| 18, 20 | 3/4 | 1-11 | 1 1/16-12 | 15.5 | 24 | 45 | 50 | 33 | 251 | 12-16C3MXS | 12-16C3MXSS | 160 | 160 |
| 25 | 1 | 1-11 | 1 5/16-12 | 21.5 | 24 | 46 | 50 | 33 | 328 | 16C3MXS | 16C3MXSS | 160 | 160 |
| 25 | 1 | 3/4-14 | 1 5/16-12 | 21.5 | 18 | 46 | 45 | 33 | 318 | 16-12C3MXS | 16-12C3MXSS | 160 | 160 |
| 28, 30, 32 | 1 1/4 | 1 1/4-11 | 1 5/8-12 | 27.5 | 32 | 52 | 61 | 41 | 549 | 20C3MXS | 20C3MXSS | 160 | 160 |
| 28, 30, 32 | 1 1/4 | 1-11 | 1 5/8-12 | 27.5 | 24 | 52 | 60 | 41 | 536 | 20-16C3MXS | 20-16C3MXSS | 160 | 160 |
| 35, 38 | 1 1/2 | 1 1/2-11 | 1 7/8-12 | 33 | 38 | 59 | 67 | 48 | 747 | 24C3MXS | 24C3MXSS | 160 | 140 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

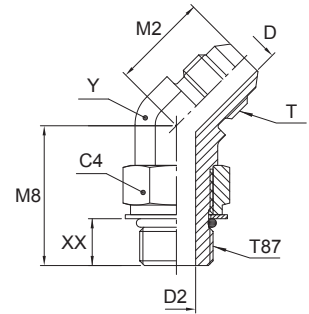
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

K

V87OMX 45° Male stud elbow

Triple-Lok® 37° Flare end / Male metric thread O-ring (ISO 6149)



| Tube O.D. mm | Tube O.D. in. | Thread Metric T87 | Thread UN/UNF-2A T | C4 mm | D mm | D2 mm | M2 mm | M8 mm | XX mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | PN (bar) |
|-----------------|------------------|-------------------|--------------------|-------|------|-------|-------|-------|-------|------|--------------------------|---------------------|----------|
| 6 | 1/4 | M 10×1.0 | 7/16-20 | 14 | 4.4 | 4.5 | 18 | 27 | 18 | 11 | 17 | 4M10V87OMXS | 420 |
| 6 | 1/4 | M 12×1.0 | 7/16-20 | 17 | 4.4 | 6 | 20 | 27 | 16 | 13 | 25 | 4M12V87OMXS | 420 |
| 8 | 5/16 | M 10×1.0 | 1/2-20 | 14 | 6 | 4.5 | 20 | 27 | 18 | 13 | 31 | 5M10V87OMXS | 420 |
| 8 | 5/16 | M 12×1.5 | 1/2-20 | 17 | 6 | 6 | 20 | 27 | 16 | 13 | 25 | 5M12V87OMXS | 420 |
| 10 | 3/8 | M 14×1.5 | 9/16-18 | 19 | 7.5 | 7.5 | 21 | 28 | 17 | 14 | 31 | 6M14V87OMXS | 420 |
| 10 | 3/8 | M 16×1.5 | 9/16-18 | 22 | 7.5 | 9 | 22 | 33 | 21 | 19 | 58 | 6M16V87OMXS | 350 |
| 10 | 3/8 | M 18×1.5 | 9/16-18 | 24 | 7.5 | 11 | 22 | 33 | 20 | 19 | 66 | 6M18V87OMXS | 350 |
| 12 | 1/2 | M 16×1.5 | 3/4-16 | 22 | 9.9 | 9 | 25 | 33 | 21 | 19 | 65 | 8M16V87OMXS | 350 |
| 12 | 1/2 | M 18×1.5 | 3/4-16 | 24 | 9.9 | 11 | 25 | 33 | 20 | 19 | 66 | 8M18V87OMXS | 350 |
| 14, 15,16 | 5/8 | M 18×1.5 | 7/8-14 | 24 | 12.3 | 11 | 28 | 37 | 24 | 22 | 99 | 10M18V87OMXS | 350 |
| 14, 15,16 | 5/8 | M 22×1.5 | 7/8-14 | 27 | 12.3 | 14 | 28 | 38 | 25 | 22 | 99 | 10M22V87OMXS | 350 |
| 18, 20 | 3/4 | M 22×1.5 | 1 1/16-12 | 27 | 15.5 | 14 | 33 | 40 | 27 | 27 | 164 | 12M22V87OMXS | 350 |
| 18, 20 | 3/4 | M 27×2.0 | 1 1/16-12 | 32 | 15.5 | 18 | 33 | 46 | 30 | 27 | 173 | 12M27V87OMXS | 350 |
| 25 | 1 | M 33×2.0 | 1 5/16-12 | 41 | 21.5 | 23 | 37 | 46 | 30 | 33 | 287 | 16M33V87OMXS | 280 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

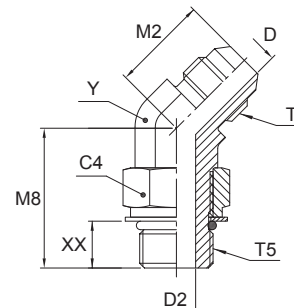
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

V5OMX 45° Male stud elbow

Triple-Lok® 37° Flare end / Male UNF thread O-ring (ISO 11926)
SAE 070320 MS51528



| Tube O.D. | | Thread UN/UNF-2A T5 | Thread UN/UNF-2A T | C4 mm | D mm | D2 mm | M2 mm | M8 mm | XX mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|---------------------|--------------------|-------|------|-------|-------|-------|-------|------|--------------------------|---------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | | | S | SS |
| 6 | 1/4 | 7/16-20 | 7/16-20 | 14.3 | 4.4 | 4.4 | 18 | 27 | 16 | 11 | 34 | 4 V5OX-S | 4 V5OX-SS | 420 | 350 |
| 8 | 5/16 | 1/2-20 | 1/2-20 | 16 | 6 | 6 | 20 | 27 | 16 | 14 | 42 | 5 V5OX-S | 5 V5OX-SS | 420 | 350 |
| 10 | 3/8 | 9/16-18 | 9/16-18 | 17 | 7.5 | 7.5 | 21 | 29 | 17 | 14 | 52 | 6V5OMXS | 6 V5OX-SS | 420 | 350 |
| 10 | 3/8 | 3/4-16 | 9/16-18 | 22.2 | 7.5 | 9.9 | 22 | 23 | 19 | 19 | 104 | 6-8 V5OX-S | 6-8 V5OX-SS | 420 | 350 |
| 12 | 1/2 | 3/4-16 | 3/4-16 | 22.2 | 9.9 | 9.9 | 25 | 33 | 19 | 19 | 104 | 8 V5OX-S | 8 V5OX-SS | 420 | 350 |
| 12 | 1/2 | 9/16-18 | 3/4-16 | 17.5 | 9.9 | 7.5 | 25 | 28 | 16 | 19 | 98 | 8-6 V5OX-S | 8-6 V5OX-SS | 420 | 350 |
| 12 | 1/2 | 7/8-14 | 3/4-16 | 25.4 | 9.9 | 12.3 | 25 | 39 | 23 | 22 | 148 | 8-10 V5OX-S | 8-10 V5OX-SS | 350 | 350 |
| 14, 15,16 | 5/8 | 7/8-14 | 7/8-14 | 25.4 | 12.3 | 12.3 | 28 | 39 | 23 | 22 | 157 | 10 V5OX-S | 10 V5OX-SS | 350 | 350 |
| 14, 15,16 | 5/8 | 3/4-16 | 7/8-14 | 22.2 | 12.3 | 9.9 | 28 | 35 | 21 | 22 | 157 | 10-8 V5OX-S | 10-8 V5OX-SS | 350 | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 1 1/16-12 | 31.8 | 15.5 | 15.5 | 33 | 44 | 26 | 27 | 258 | 12 V5OX-S | 12 V5OX-SS | 350 | 350 |
| 18, 20 | 3/4 | 7/8-14 | 1 1/16-12 | 25.4 | 15.5 | 12.5 | 33 | 40 | 25 | 27 | 227 | 12-10 V5OX-S | 12-10 V5OX-SS | 350 | 350 |
| 22 | 7/8 | 1 3/16-12 | 1 3/16-12 | 35 | 18.3 | 18.3 | 37 | 47 | 30 | 33.3 | 275 | 14 V5OX-S | | 280 | — |
| 25 | 1 | 1 5/16-12 | 1 5/16-12 | 38 | 21.4 | 21.4 | 37 | 47 | 30 | 33.3 | 375 | 16 V5OX-S | 16 V5OX-SS | 280 | 280 |
| 25 | 1 | 1 5/16-12 | 1 1/16-12 | 31.8 | 21.4 | 15.5 | 37 | 47 | 31 | 33.3 | 277 | 16-12 V5OX-S | | 280 | 280 |
| 28, 30, 32 | 1 1/4 | 1 5/8-12 | 1 5/8-12 | 47.6 | 27.4 | 27.4 | 40 | 49 | 31 | 41 | 570 | 20 V5OX-S | 20 V5OX-SS | 280 | 210 |
| 35, 38 | 1 1/2 | 1 7/8-12 | 1 7/8-12 | 54 | 33.3 | 33.3 | 45 | 49 | 31 | 47.6 | 706 | 24 V5OX-S | 24 V5OX-SS | 210 | 140 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

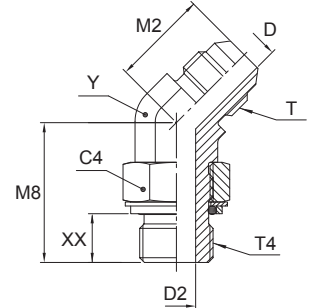
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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



V4OMX 45° Male stud elbow

Triple-Lok® 37° Flare end / Male BSPB thread O-ring + retaining ring (ISO 1179)



| Tube O.D. mm | Tube O.D. in. | Thread BSPB T4 | Thread UN/UNF-2A T | C4 mm | D mm | D2 mm | M2 mm | M8 mm | XX mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | PN (bar) |
|-----------------|------------------|----------------------|--------------------------|----------|---------|----------|----------|----------|----------|---------|--------------------------------|----------------------|-------------|
| 6 | 1/4 | 1/8-28 | 7/16-20 | 14 | 4.4 | 4.4 | 18 | 27 | 18 | 11 | 35 | 4V4OMXS | 250 |
| 6 | 1/4 | 1/4-19 | 7/16-20 | 19 | 4.4 | 7.5 | 21 | 29 | 18 | 14 | 48 | 4-4V4OMXS | 250 |
| 8 | 5/16 | 1/8-28 | 1/2-20 | 14 | 6 | 4.4 | 20 | 27 | 18 | 13 | 44 | 5V4OMXS | 250 |
| 8 | 5/16 | 1/4-19 | 1/2-20 | 19 | 6 | 7.5 | 21 | 27 | 15 | 14 | 51 | 5-4V4OMXS | 250 |
| 10 | 3/8 | 1/4-19 | 9/16-18 | 19 | 7.5 | 7.5 | 21 | 29 | 18 | 14 | 55 | 6V4OMXS | 250 |
| 10 | 3/8 | 3/8-19 | 9/16-18 | 22 | 7.5 | 9.9 | 22 | 33 | 22 | 19 | 70 | 6-6V4OMXS | 250 |
| 10 | 3/8 | 1/2-14 | 9/16-18 | 27 | 7.5 | 12.3 | 22 | 39 | 24 | 22 | 92 | 6-8V4OMXS | 250 |
| 12 | 1/2 | 3/8-19 | 3/4-16 | 22 | 9.9 | 9.9 | 25 | 33 | 22 | 19 | 104 | 8V4OMXS | 250 |
| 12 | 1/2 | 1/2-14 | 3/4-16 | 27 | 9.9 | 12.3 | 25 | 39 | 24 | 22 | 148 | 8-8V4OMXS | 250 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 27 | 12.3 | 12.3 | 28 | 39 | 24 | 22 | 165 | 10V4OMXS | 250 |
| 14, 15, 16 | 5/8 | 3/4-14 | 7/8-14 | 36 | 12.3 | 15.5 | 30 | 44 | 29 | 27 | 235 | 10-12V4OMXS | 250 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 36 | 15.5 | 15.5 | 33 | 44 | 30 | 27 | 270 | 12V4OMXS | 250 |
| 25 | 1 | 1-11 | 1 5/16-12 | 41 | 21.5 | 21.5 | 37 | 47 | 31 | 33 | 394 | 16V4OMXS | 250 |
| 28, 30, 32 | 1 1/4 | 1 1/4-11 | 1 5/8-12 | 50 | 27.5 | 27.5 | 40 | 48 | 32 | 41 | 599 | 20V4OMXS | 210 |
| 35, 38 | 1 1/2 | 1 1/2-11 | 1 7/8-12 | 55 | 33 | 33 | 45 | 48 | 33 | 48 | 750 | 24V4OMXS | 140 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

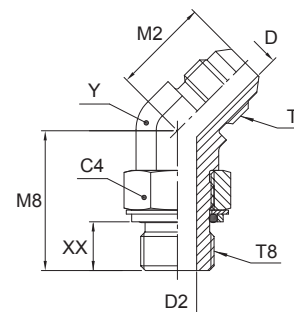
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

V8OMX 45° Male stud elbow

Triple-Lok® 37° Flare end / Male metric thread – O-ring + retaining ring



| Tube O.D. mm | in. | Thread Metric T8 | Thread UN/UNF-2A T | C4 mm | D mm | D2 mm | M2 mm | M8 mm | XX mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | PN (bar) |
|--------------------|------|------------------------|--------------------------|----------|---------|----------|----------|----------|----------|---------|--------------------------------|----------------------|-------------|
| 6 | 1/4 | M 10×1.0 | 7/16-20 | 14 | 4.4 | 4.5 | 18 | 27 | 20 | 11 | 23 | 4M10V8OMXS | 250 |
| 6 | 1/4 | M 12×1.5 | 7/16-20 | 17 | 4.4 | 6 | 20 | 27 | 18 | 13 | 25 | 4M12V8OMXS | 250 |
| 8 | 5/16 | M 12×1.5 | 1/2-20 | 17 | 6 | 6 | 20 | 28 | 18 | 13 | 28 | 5M12V8OMXS | 250 |
| 10 | 3/8 | M 14×1.5 | 9/16-18 | 17 | 7.5 | 7.5 | 21 | 28 | 19 | 14 | 36 | 6M14V8OMXS | 250 |
| 12 | 1/2 | M 16×1.5 | 3/4-16 | 19 | 9.9 | 9 | 25 | 33 | 23 | 19 | 68 | 8M16V8OMXS | 250 |
| 12 | 1/2 | M 18×1.5 | 3/4-16 | 22 | 9.9 | 11 | 25 | 33 | 22 | 19 | 78 | 8M18V8OMXS | 250 |
| 14, 15, 16 | 5/8 | M 22×1.5 | 7/8-14 | 27 | 12.3 | 14 | 28 | 38 | 27 | 22 | 119 | 10M22V8OMXS | 250 |
| 18, 20 | 3/4 | M 27×2.0 | 1 1/16-12 | 32 | 15.5 | 18 | 33 | 46 | 32 | 27 | 208 | 12M27V8OMXS | 175 |
| 25 | 1 | M 33×2.0 | 1 5/16-12 | 38 | 21.5 | 23 | 37 | 46 | 32 | 33 | 333 | 16M33V8OMXS | 140 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

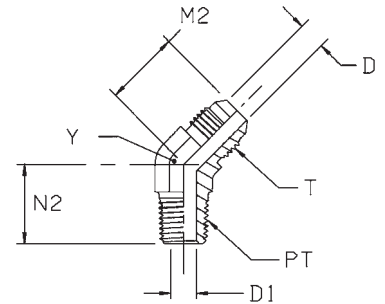
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VMTX 45° Male stud elbow

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

SAE 070302 MS51508

*Stainless Steel = NPT to prevent galling



| Tube O.D. | | Thread NPT/NPTF PT | Thread UN/UNF-2A T | D mm | D1 mm | M2 mm | N2 mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | Triple-Lok® Brass | PN (bar) | |
|------------|-------|--------------------|--------------------|------|-------|-------|-------|------|--------------------------|--------------------|-----------------------------|--------------------|----------|-----|
| mm | in. | | | | | | | | | | | | S | SS |
| 6 | 1/4 | 1/8-27 | 7/16-20 | 4.4 | 4.8 | 18 | 16 | 11 | 18 | 4 VTX-S | 4 VTX-SS | 4 VTX-B | 420 | 350 |
| 6 | 1/4 | 1/4-18 | 7/16-20 | 4.4 | 7 | 21 | 22 | 14 | 30 | 4-4 VTX-S | 4-4 VTX-SS | 4-4 VTX-B | 420 | 350 |
| 6 | 1/4 | 3/8-18 | 9/16-18 | 4.4 | 10.3 | 22 | 24 | 19 | 54 | 4-6 VTX-S | | | 420 | 350 |
| 8 | 5/16 | 1/8-27 | 1/2-20 | 6 | 4.8 | 20 | 16 | 14 | 22 | 5 VTX-S | 5 VTX-SS | 5 VTX-B | 420 | 350 |
| 8 | 5/16 | 1/4-18 | 1/2-20 | 6 | 7 | 21 | 22 | 14 | 31 | 5-4 VTX-S | 5-4 VTX-SS | 5-4 VTX-B | 420 | 350 |
| 10 | 3/8 | 1/4-18 | 9/16-18 | 7.5 | 7 | 21 | 22 | 14 | 27 | 6 VTX-S | 6 VTX-SS | 6 VTX-B | 420 | 350 |
| 10 | 3/8 | 1/8-27 | 9/16-18 | 7.5 | 4.7 | 21 | 17 | 14 | 23 | 6-2 VTX-S | 6-2 VTX-SS | 6-2 VTX-B | 420 | 350 |
| 10 | 3/8 | 3/8-18 | 9/16-18 | 7.5 | 10.3 | 22 | 24 | 19 | 52 | 6-6 VTX-S | 6-6 VTX-SS | 6-6 VTX-B | 420 | 350 |
| 10 | 3/8 | 1/2-14 | 9/16-18 | 7.5 | 13.5 | 22 | 30 | 22 | 74 | 6-8 VTXS | 6-8 VTX-SS | 6-8 VTX-B | 420 | 350 |
| 12 | 1/2 | 1/4-18 | 3/4-16 | 9.9 | 7 | 25 | 24 | 19 | 62 | 8-4 VTX-S | 8-4 VTX-SS | 8-4 VTX-B | 420 | 350 |
| 12 | 1/2 | 3/8-18 | 3/4-16 | 9.9 | 10.3 | 25 | 24 | 19 | 61 | 8 VTX-S | 8 VTX-SS | 8 VTX-B | 420 | 350 |
| 12 | 1/2 | 1/2-14 | 3/4-16 | 9.9 | 13.5 | 25 | 30 | 22 | 92 | 8-8 VTX-S | 8-8 VTX-SS | 8-8 VTX-B | 420 | 350 |
| 12 | 1/2 | 3/4-14 | 3/4-16 | 9.9 | 18.2 | 26 | 31 | 27 | 144 | 8-12 VTX-S | 8-12 VTX-SS | 8-12 VTX-B | 280 | 280 |
| 14, 15,16 | 5/8 | 1/2-14 | 7/8-14 | 12.3 | 13.5 | 28 | 30 | 22 | 92 | 10 VTX-S | 10 VTX-SS | 10 VTX-B | 350 | 350 |
| 14, 15,16 | 5/8 | 3/8-18 | 7/8-14 | 12.3 | 10.3 | 28 | 25 | 22 | 94 | 10-6 VTX-S | 10-6 VTX-SS | 10-6 VTX-B | 350 | 350 |
| 14, 15,16 | 5/8 | 3/4-14 | 7/8-14 | 12.3 | 18.2 | 33 | 31 | 27 | 156 | 10-12 VTX-S | 10-12 VTX-SS | | 280 | 280 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 15.5 | 18.2 | 33 | 31 | 27 | 148 | 12 VTX-S | 12 VTX-SS | 12 VTX-B | 280 | 280 |
| 18, 20 | 3/4 | 1/2-14 | 1 1/16-12 | 15.5 | 13.5 | 33 | 31 | 27 | 144 | 12-8 VTX-S | 12-8 VTX-SS | 12-8 VTX-B | 350 | 350 |
| 18, 20 | 3/4 | 1-11.5 | 1 1/16-12 | 15.5 | 23.8 | 36 | 38 | 33.3 | 169 | 12-16 VTX-S | 12-16 VTX-SS | 12-16 VTX-B | 210 | 210 |
| 25 | 1 | 1-11.5 | 1 5/16-12 | 21.4 | 23.8 | 37 | 38 | 33.3 | 239 | 16 VTX-S | 16 VTX-SS | 16 VTX-B | 210 | 210 |
| 25 | 1 | 3/4-14 | 1 5/16-12 | 21.4 | 18.2 | 37 | 33 | 33.3 | 213 | 16-12 VTX-S | 16-12 VTX-SS | 16-12 VTX-B | 280 | 280 |
| 28, 30, 32 | 1 1/4 | 1 1/4-11.5 | 1 5/8-12 | 27.4 | 31.8 | 40 | 42 | 41 | 385 | 20 VTX-S | 20 VTX-SS | 20 VTX-B | 170 | 170 |
| 35, 38 | 1 1/2 | 1 1/2-11.5 | 1 7/8-12 | 33.3 | 38 | 45 | 45 | 47.6 | 495 | 24 VTX-S | 24 VTX-SS | 24 VTX-B | 170 | 140 |
| | 2 | 2-11.5 | 2 1/2-12 | 45 | 49 | 56 | 54 | 63.5 | 1149 | 32 VTX-S | | | 170 | 140 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$$\frac{PN \text{ (bar)}}{10} = PN \text{ (MPa)}$$

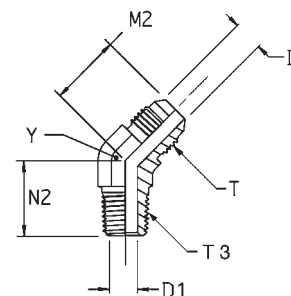
Pressure ratings – PN shown, apply to Steel and Stainless Steel versions of the product.

For Brass parts reduce pressures by 35%.

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

V3MX 45° Male stud elbow

Triple-Lok® 37° Flare end / Male BSPT thread (ISO 7)



| Tube O.D. | | Thread BSPT T3 | Thread UN/UNF-2A T | D mm | D1 mm | M2 mm | N2 mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | PN (bar) |
|------------|-------|----------------|--------------------|------|-------|-------|-------|------|--------------------------|-------------------|----------|
| mm | in. | | | | | | | | | | |
| 6 | 1/4 | 1/8-28 | 7/16-20 | 4.4 | 5 | 18 | 16 | 11 | 18 | 4V3MXS | 315 |
| 6 | 1/4 | 1/4-19 | 7/16-20 | 4.4 | 7 | 21 | 22 | 14 | 30 | 4-4V3MXS | 315 |
| 8 | 5/16 | 1/8-28 | 1/2-20 | 6 | 5 | 20 | 16 | 13 | 22 | 5V3MXS | 315 |
| 8 | 5/16 | 1/4-19 | 1/2-20 | 6 | 7 | 21 | 22 | 14 | 31 | 5-4V3MXS | 315 |
| 10 | 3/8 | 1/4-19 | 9/16-18 | 7.5 | 7 | 21 | 22 | 14 | 27 | 6V3MXS | 315 |
| 10 | 3/8 | 3/8-19 | 9/16-18 | 7.5 | 10 | 22 | 24 | 19 | 52 | 6-6V3MXS | 315 |
| 10 | 3/8 | 1/2-14 | 9/16-18 | 7.5 | 13.5 | 22 | 30 | 22 | 74 | 6-8V3MXS | 315 |
| 12 | 1/2 | 3/8-19 | 3/4-16 | 9.9 | 10 | 25 | 24 | 19 | 61 | 8V3MXS | 315 |
| 12 | 1/2 | 1/2-14 | 3/4-16 | 9.9 | 13.5 | 25 | 30 | 22 | 92 | 8-8V3MXS | 315 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 12.3 | 13.5 | 28 | 30 | 22 | 92 | 10V3MXS | 315 |
| 18, 20 | 3/4 | 3/4-14 | 7/8-14 | 15.5 | 18 | 33 | 31 | 27 | 148 | 12V3MXS | 160 |
| 25 | 1 | 1-11 | 1 5/16-12 | 21.5 | 24 | 37 | 38 | 33 | 239 | 16V3MXS | 160 |
| 28, 30, 32 | 1 1/4 | 1 1/4-11 | 1 5/8-12 | 27.5 | 32 | 40 | 42 | 41 | 385 | 20V3MXS | 160 |
| 35, 38 | 1 1/2 | 1 1/2-11 | 1 7/8-12 | 33 | 38 | 45 | 45 | 48 | 495 | 24V3MXS | 160 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

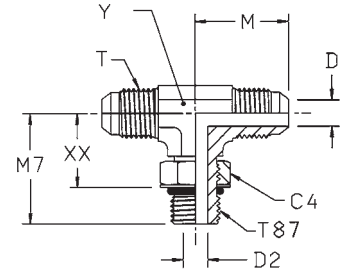
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

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S87OMX Male stud branch tee

Triple-Lok® 37° Flare ends / Male metric thread O-ring (ISO 6149)



| Tube O.D. mm | Tube O.D. in. | Thread Metric T87 | Thread UN/UNF-2A T | C4 mm | D mm | D2 mm | M mm | M7 mm | XX mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | PN (bar) |
|-----------------|------------------|-------------------|--------------------|----------|---------|----------|---------|----------|----------|---------|-----------------------------|----------------------|-------------|
| 6 | 1/4 | M 10×1.0 | 7/16-20 | 14 | 4.4 | 4.5 | 23 | 27 | 18 | 11 | 27 | 4M10S87OMXS | 420 |
| 8 | 5/16 | M 12×1.5 | 1/2-20 | 17 | 6 | 6 | 24 | 31 | 19 | 13 | 42 | 5M12S87OMXS | 420 |
| 10 | 3/8 | M 14×1.5 | 9/16-18 | 19 | 7.5 | 7.5 | 27 | 34 | 22 | 14 | 53 | 6M14S87OMXS | 420 |
| 12 | 1/2 | M 16×1.5 | 3/4-16 | 22 | 9.9 | 9 | 32 | 38 | 26 | 19 | 113 | 8M16S87OMXS | 350 |
| 12 | 1/2 | M 18×1.5 | 3/4-16 | 24 | 9.9 | 11 | 32 | 38 | 26 | 19 | 114 | 8M18S87OMXS | 350 |
| 14, 15,16 | 5/8 | M 18×1.5 | 7/8-14 | 24 | 12.3 | 11 | 37 | 42 | 29 | 22 | 174 | 10M18S87OMXS | 350 |
| 14, 15,16 | 5/8 | M 22×1.5 | 7/8-14 | 27 | 12.3 | 14 | 37 | 43 | 29 | 22 | 175 | 10M22S87OMXS | 350 |
| 18, 20 | 3/4 | M 22×1.5 | 7/8-14 | 27 | 15.5 | 14 | 42 | 45 | 32 | 27 | 295 | 12M22S87OMXS | 350 |
| 18, 20 | 3/4 | M 27×2.0 | 7/8-14 | 32 | 15.5 | 18 | 42 | 51 | 35 | 27 | 304 | 12M27S87OMXS | 350 |
| 25 | 1 | M 33×2.0 | 1 5/16-12 | 41 | 21.5 | 23 | 46 | 53 | 38 | 33 | 530 | 16M33S87OMXS | 280 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

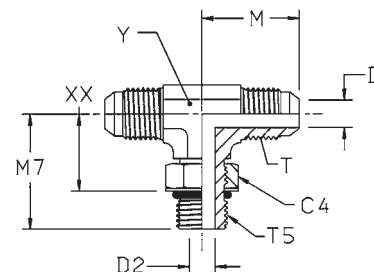
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

S50MX Male stud branch tee

Triple-Lok® 37° Flare ends / Male UNF thread O-ring (ISO 11926)

SAE 070429 MS51529



| Tube O.D. | | Thread UN/UNF-2A T5 | Thread UN/UNF-2A T | C4 mm | D mm | D2 mm | M mm | M7 mm | XX mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|---------------------|--------------------|-------|------|-------|------|-------|-------|------|--------------------------|-------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | | | S | SS |
| 6 | 1/4 | 7/16-20 | 7/16-20 | 14.3 | 4.4 | 4.4 | 23 | 26 | 15 | 11 | 46 | 4 S50X-S | 4 S50X-SS | 420 | 350 |
| 8 | 5/16 | 1/2-20 | 1/2-20 | 16 | 5.8 | 5.8 | 24 | 29 | 18 | 14 | 66 | 5 S50X-S | 5 S50X-SS | 420 | 350 |
| 10 | 3/8 | 9/16-18 | 9/16-18 | 17.5 | 7.5 | 7.5 | 27 | 32 | 20 | 14 | 76 | 6 S50X-S | 6 S50X-SS | 420 | 350 |
| 12 | 1/2 | 3/4-16 | 3/4-16 | 22 | 9.9 | 10 | 32 | 37 | 23 | 19 | 150 | 8S50MXS | 8 S50X-SS | 420 | 350 |
| 14, 15, 16 | 5/8 | 7/8-14 | 7/8-14 | 27 | 12.3 | 12.5 | 37 | 43 | 28 | 22 | 224 | 10S50MXS | 10 S50X-SS | 350 | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 1 1/16-12 | 31.8 | 15.5 | 15.5 | 42 | 49 | 31 | 27 | 367 | 12 S50X-S | 12 S50X-SS | 350 | 350 |
| 25 | 1 | 1 5/16-12 | 1 5/16-12 | 38 | 21.4 | 21.4 | 46 | 52 | 34 | 33.3 | 506 | 16 S50X-S | 16 S50X-SS | 280 | 280 |
| 28, 30, 32 | 1 1/4 | 1 5/8-12 | 1 5/8-12 | 47.6 | 27.4 | 27.4 | 52 | 57 | 40 | 41 | 1053 | 20 S50X-S | 20 S50X-SS | 280 | 280 |
| 35, 38 | 1 1/2 | 1 7/8-12 | 1 7/8-12 | 54 | 33.3 | 33.3 | 59 | 61 | 43 | 47.6 | 1296 | 24 S50X-S | | 210 | — |
| | 2 | 2 1/2-12 | 2 1/2-12 | 69.8 | 45.2 | 45.2 | 78 | 73 | 56 | 63.5 | 2000 | 32 S50X-S | | 140 | — |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

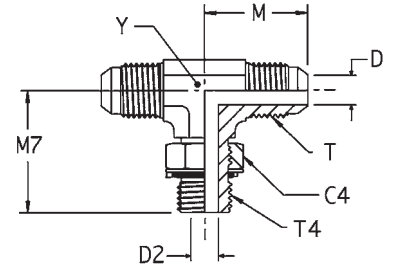
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

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S4OMX Male stud branch tee

Triple-Lok® 37° Flare end / Adjustable BSPP thread O-ring + retaining ring (ISO 1179)



| Tube O.D. | | Thread BSPP T4 | Thread UN/UNF-2A T | C4 mm | D mm | D2 mm | M mm | M7 mm | XX mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|----------------|--------------------|-------|------|-------|------|-------|-------|------|--------------------------|--------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | | | S | SS |
| 6 | 1/4 | 1/8-28 | 7/16-20 | 14 | 4.4 | 4.4 | 23 | 27 | 17 | 11 | 47 | 4S4OMXS | 4S4OMXSS | 250 | 250 |
| 10 | 3/8 | 1/4-19 | 9/16-18 | 19 | 7.5 | 7.5 | 27 | 32 | 19 | 14 | 78 | 6S4OMXS | 6S4OMXSS | 250 | 200 |
| 12 | 1/2 | 3/8-19 | 3/4-16 | 22 | 9.9 | 10 | 32 | 37 | 24 | 19 | 154 | 8S4OMXS | 8S4OMXSS | 250 | 200 |
| 12 | 1/2 | 1/2-14 | 3/4-16 | 27 | 9.9 | 12.3 | 34 | 44 | 28 | 22 | 186 | 8-8-8S4OMXS | 8-8-8S4OMXSS | 250 | 200 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 27 | 12.3 | 12.3 | 37 | 43 | 27 | 22 | 231 | 10S4OMXS | 10S4OMXSS | 250 | 200 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 36 | 15.5 | 15.5 | 42 | 50 | 34 | 27 | 379 | 12S4OMXS | 12S4OMXSS | 250 | 200 |
| 25 | 1 | 1-11 | 1 5/16-12 | 41 | 21.5 | 21.5 | 46 | 52 | 35 | 33 | 569 | 16S4OMXS | 16S4OMXSS | 250 | 200 |
| 28, 30, 32 | 1 1/4 | 1 1/4-11 | 1 5/8-12 | 50 | 27.5 | 27.5 | 52 | 57 | 39 | 41 | 1075 | 20S4OMXS | 20S4OMXSS | 210 | 160 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

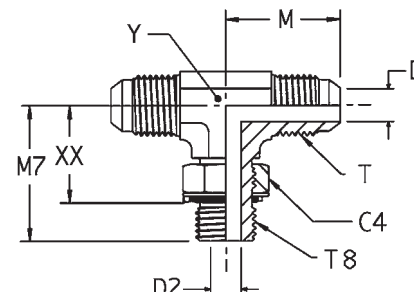
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

S8OMX Male stud branch tee

Triple-Lok® 37° Flare ends / Male metric thread – O-ring + retaining ring



| Tube O.D. mm | in. | Thread Metric T8 | Thread UN/UNF-2A T | C4 mm | D mm | D2 mm | M mm | M7 mm | XX mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | PN (bar) |
|--------------------|------|------------------------|--------------------------|----------|---------|----------|---------|----------|----------|---------|--------------------------------|----------------------|-------------|
| 6 | 1/4 | M 10×1.0 | 7/16-20 | 14 | 4.4 | 4.5 | 23 | 27 | 18 | 11 | 27 | 4M10S8OMXS | 250 |
| 8 | 5/16 | M 12×1.5 | 1/2-20 | 17 | 6 | 6 | 24 | 31 | 19 | 13 | 42 | 5M12S8OMXS | 250 |
| 10 | 3/8 | M 14×1.5 | 9/16-18 | 17 | 7.5 | 7.5 | 27 | 34 | 22 | 14 | 53 | 6M14S8OMXS | 250 |
| 12 | 1/2 | M 16×1.5 | 3/4-16 | 19 | 9.9 | 9 | 32 | 38 | 26 | 19 | 95 | 8M16S8OMXS | 250 |
| 12 | 1/2 | M 18×1.5 | 3/4-16 | 22 | 9.9 | 11 | 32 | 38 | 26 | 19 | 114 | 8M18S8OMXS | 250 |
| 14, 15,16 | 5/8 | M 22×1.5 | 7/8-14 | 27 | 12.3 | 14 | 37 | 43 | 30 | 22 | 175 | 10M22S8OMXS | 250 |
| 18, 20 | 3/4 | M 27×2.0 | 1 1/16-12 | 32 | 15.5 | 18 | 42 | 51 | 35 | 27 | 304 | 12M27S8OMXS | 175 |
| 25 | 1 | M 33×2.0 | 1 5/16-12 | 38 | 21.5 | 23 | 46 | 53 | 37 | 33 | 491 | 16M33S8OMXS | 140 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$

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

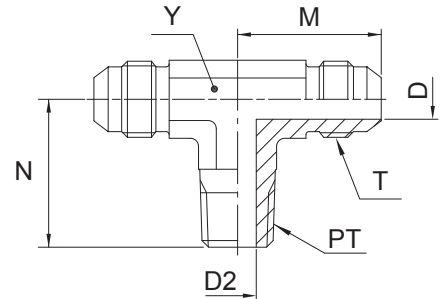
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SMTX Male stud branch tee

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

SAE 070425 MS51512

*Stainless Steel = NPT to prevent galling



| Tube O.D. | | Thread NPT/NPTF PT | Thread UN/UNF-2A T | D mm | D2 mm | M mm | N mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | Triple-Lok® Brass | PN (bar) | |
|------------|-------|--------------------|--------------------|------|-------|------|------|------|--------------------------|--------------------|-----------------------------|--------------------|----------|-----|
| mm | in. | | | | | | | | | | | | S | SS |
| 6 | 3/16 | 1/8-27 | 3/8-24 | 3 | 4.7 | 21 | 18 | 11 | 25 | 3 STX-S | 3 STX-SS | 3 STX-B | 420 | 350 |
| | 1/4 | 1/8-27 | 7/16-20 | 4.4 | 4.7 | 23 | 20 | 11 | 31 | 4 STX-S | 4 STX-SS | 4 STX-B | 420 | 350 |
| | 1/4 | 1/4-18 | 7/16-20 | 4.4 | 7 | 27 | 28 | 14 | 49 | 4-4-4 STX-S | 4-4-4 STX-SS | 4-4-4 STX-B | 420 | 350 |
| | 5/16 | 1/8-27 | 1/2-20 | 6 | 4.7 | 25 | 21 | 14 | 37 | 5 STX-S | 5 STX-SS | 5 STX-B | 420 | 350 |
| 10 | 3/8 | 1/4-18 | 9/16-18 | 7.5 | 7 | 27 | 28 | 14 | 57 | 6 STX-S | 6 STX-SS | 6 STX-B | 420 | 350 |
| 10 | 3/8 | 3/8-18 | 9/16-18 | 7.5 | 10.3 | 29 | 31 | 19 | 77 | 6-6-6 STX-S | 6-6-6 STX-SS | 6-6-6 STX-B | 420 | 350 |
| 12 | 1/2 | 3/8-18 | 3/4-16 | 9.9 | 10.3 | 32 | 31 | 19 | 113 | 8 STX-S | 8 STX-SS | 8 STX-B | 420 | 350 |
| 12 | 1/2 | 1/2-14 | 3/4-16 | 9.9 | 13.5 | 34 | 37 | 22 | 164 | 8-8-8 STX-S | 8-8-8 STX-SS | 8-8-8 STX-B | 420 | 350 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 12.3 | 13.5 | 37 | 37 | 22 | 173 | 10 STX-S | 10 STX-SS | 10 STX-B | 350 | 350 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 18 | 18.3 | 42 | 40 | 27 | 272 | 12 STX-S | 12 STX-SS | 12 STX-B | 280 | 280 |
| 22 | 7/8 | 3/4-14 | 1 3/16-12 | 18.3 | 18.3 | 46 | 43 | 33.3 | 323 | 14 STX-S | | | 280 | — |
| 25 | 1 | 1-11.5 | 1 5/16-12 | 21.4 | 23.8 | 46 | 50 | 33.3 | 413 | 16 STX-S | 16 STX-SS | 16 STX-B | 210 | 210 |
| 28, 30, 32 | 1 1/4 | 1 1/4-11.5 | 1 5/8-12 | 27.4 | 31.8 | 52 | 60 | 41 | 681 | 20 STX-S | 20 STX-SS | 20 STX-B | 170 | 170 |
| | 2 | 1 1/2-11.5 | 1 7/8-12 | 33.3 | 38 | 59 | 67 | 47.6 | 905 | 24 STX-S | 24 STX-SS | 24 STX-B | 170 | 170 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

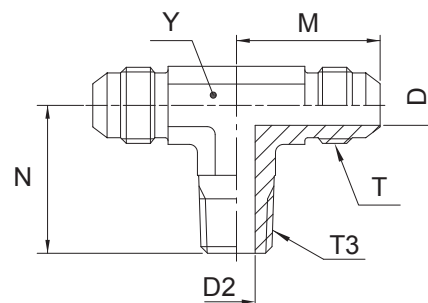
Pressure ratings – PN shown, apply to Steel and Stainless Steel versions of the product.

For Brass parts reduce pressures by 35 %.

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

S3MX Male stud branch tee

Triple-Lok® 37° Flare ends / Male BSPT thread (ISO 7)



| Tube O.D. | | Thread BSPT T3 | Thread UN/UNF-2A T | D mm | D2 mm | M mm | N mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-----|----------------|--------------------|------|-------|------|------|------|--------------------------|-------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | S | SS |
| 6 | 1/4 | 1/8-28 | 7/16-20 | 4.4 | 5 | 23 | 20 | 11 | 30 | 4S3MXS | 4S3MXSS | 315 | 315 |
| 10 | 3/8 | 1/4-19 | 7/16-20 | 7.5 | 7 | 27 | 28 | 14 | 55 | 6S3MXS | 6S3MXSS | 315 | 315 |
| 12 | 1/2 | 3/8-19 | 3/4-16 | 9.9 | 10 | 32 | 31 | 19 | 111 | 8S3MXS | 8S3MXSS | 315 | 315 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 12.3 | 13.5 | 37 | 37 | 22 | 169 | 10S3MXS | 10S3MXSS | 315 | 315 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 15.5 | 18 | 42 | 40 | 27 | 267 | 12S3MXS | 12S3MXSS | 160 | 160 |
| 25 | 1 | 1-11 | 1 5/16-12 | 21.5 | 24 | 46 | 50 | 33 | 407 | 16S3MXS | 16S3MXSS | 160 | 160 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

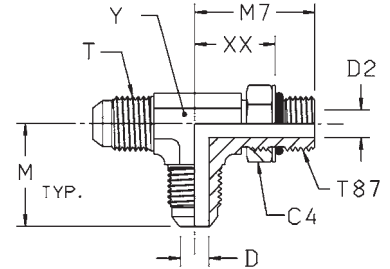
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

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R87OMX Male stud run tee

Triple-Lok® 37° Flare ends / Male metric thread – O-ring (ISO 6149)



| Tube O.D. mm | Tube O.D. in. | Thread Metric T87 | Thread UN/UNF-2A T | C4 mm | D mm | D2 mm | M mm | M7 mm | XX mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | PN (bar) |
|-----------------|------------------|-------------------|--------------------|----------|---------|----------|---------|----------|----------|---------|-----------------------------|---------------------|----------|
| 6 | 1/4 | M 10×1.0 | 7/16-20 | 14 | 4.4 | 4.5 | 23 | 27 | 18 | 11 | 27 | 4M10R87OMXS | 420 |
| 10 | 3/8 | M 14×1.5 | 9/16-18 | 19 | 7.5 | 7.5 | 27 | 34 | 22 | 14 | 53 | 6M14R87OMXS | 420 |
| 12 | 1/2 | M 16×1.5 | 3/4-16 | 22 | 9.9 | 9 | 32 | 38 | 26 | 19 | 113 | 8M16R87OMXS | 350 |
| 12 | 1/2 | M 18×1.5 | 3/4-16 | 24 | 9.9 | 11 | 32 | 38 | 26 | 19 | 114 | 8M18R87OMXS | 350 |
| 14, 15, 16 | 5/8 | M 18×1.5 | 7/8-14 | 24 | 12.3 | 11 | 37 | 42 | 29 | 22 | 174 | 10M18R87OMXS | 350 |
| 14, 15, 16 | 5/8 | M 22×1.5 | 7/8-14 | 27 | 12.3 | 14 | 37 | 43 | 29 | 22 | 175 | 10M22R87OMXS | 350 |
| 18, 20 | 3/4 | M 27×2.0 | 1 1/16-12 | 32 | 15.5 | 18 | 42 | 51 | 35 | 27 | 315 | 12M27R87OMXS | 350 |
| 25 | 1 | M 33×2.0 | 1 5/16-12 | 41 | 22.5 | 23 | 46 | 53 | 38 | 33 | 495 | 16M33R87OMXS | 280 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

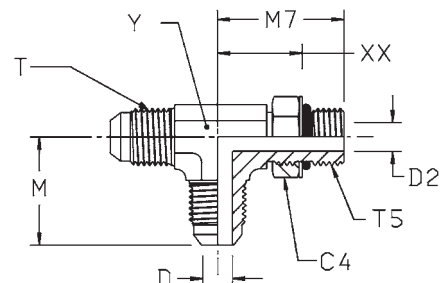
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

R5OMX Male stud run tee

Triple-Lok® 37° Flare ends / Male UNF thread O-ring (ISO 11926)

SAE 070428 MS51530



| Tube O.D. | | Thread UN/UNF-2A T5 | Thread UN/UNF-2A T | C4 mm | D mm | D2 mm | M mm | M7 mm | XX mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|---------------------|--------------------|-------|------|-------|------|-------|-------|------|--------------------------|-------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | | | S | SS |
| 6 | 1/4 | 7/16-20 | 7/16-20 | 14 | 4.4 | 4.4 | 23 | 26 | 16 | 11 | 46 | 4 R5OX-S | 4 R5OX-SS | 420 | 350 |
| 8 | 5/16 | 1/2-20 | 1/2-20 | 16 | 6 | 6 | 24 | 29 | 18 | 14 | 66 | 5 R5OX-S | 5 R5OX-SS | 420 | 350 |
| 10 | 3/8 | 9/16-18 | 9/16-18 | 17.5 | 7.5 | 7.5 | 27 | 32 | 20 | 14 | 76 | 6 R5OX-S | 6 R5OX-SS | 420 | 350 |
| 12 | 1/2 | 3/4-16 | 3/4-16 | 22.2 | 9.9 | 10 | 32 | 37 | 23 | 19 | 151 | 8 R5OX-S | 8 R5OX-SS | 420 | 350 |
| 14, 15, 16 | 5/8 | 7/8-14 | 7/8-14 | 25 | 12.3 | 12.3 | 37 | 43 | 28 | 22 | 226 | 10 R5OX-S | 10 R5OX-SS | 350 | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 1 1/16-12 | 32 | 15.5 | 15.5 | 42 | 49 | 32 | 27 | 372 | 12 R5OX-S | 12 R5OX-SS | 350 | 350 |
| 25 | 1 | 1 5/16-12 | 1 5/16-12 | 38 | 21.4 | 21.4 | 46 | 52 | 35 | 33.3 | 557 | 16 R5OX-S | 16 R5OX-SS | 280 | 280 |
| 28, 30, 32 | 1 1/4 | 1 5/8-12 | 1 5/8-12 | 48 | 27.4 | 27.4 | 52 | 57 | 40 | 41 | 1053 | 20 R5OX-S | 20 R5OX-SS | 280 | 280 |
| 35, 38 | 1 1/2 | 1 7/8-12 | 1 7/8-12 | 54 | 33.3 | 33.3 | 59 | 61 | 43 | 47.6 | 1296 | 24 R5OX-S | 24 R5OX-SS | 210 | 210 |
| | 2 | 2 1/2-12 | 2 1/2-12 | 70 | 45.2 | 45.2 | 78 | 73 | 56 | 66 | 2000 | 32 R5OX-S | 32 R5OX-SS | 140 | 140 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

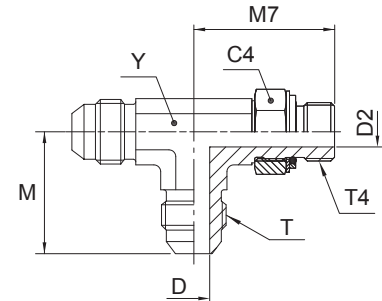
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

K

R4OMX Male stud run tee

Triple-Lok® 37° Flare end / Adjustable BSPP thread O-ring + retaining ring (ISO 1179)



| Tube O.D. | | Thread BSPP T4 | Thread UN/UNF-2A T | C4 mm | D mm | D2 mm | M mm | M7 mm | XX mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|----------------|--------------------|-------|------|-------|------|-------|-------|------|--------------------------|-------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | | | S | SS |
| 6 | 1/4 | 1/8-28 | 7/16-20 | 14 | 4.4 | 4.4 | 23 | 27 | 17 | 11 | 47 | 4R4OMXS | 4R4OMXSS | 250 | 200 |
| 10 | 3/8 | 1/4-19 | 9/16-18 | 19 | 7.5 | 7.5 | 27 | 32 | 19 | 14 | 78 | 6R4OMXS | 6R4OMXSS | 250 | 200 |
| 12 | 1/2 | 3/8-19 | 3/4-16 | 22 | 9.9 | 9.9 | 32 | 37 | 24 | 19 | 154 | 8R4OMXS | 8R4OMXSS | 250 | 200 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 27 | 12.3 | 12.3 | 37 | 43 | 27 | 22 | 231 | 10R4OMXS | 10R4OMXSS | 250 | 200 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 36 | 15.5 | 15.5 | 42 | 50 | 34 | 27 | 379 | 12R4OMXS | 12R4OMXSS | 250 | 200 |
| 25 | 1 | 1-11 | 1 5/16-12 | 41 | 21.5 | 21.5 | 46 | 52 | 34 | 33 | 569 | 16R4OMXS | 16R4OMXSS | 250 | 200 |
| 28, 30, 32 | 1 1/4 | 1 1/4-11 | 1 5/8-12 | 50 | | | | | | | 1075 | 20R4OMXS | 20R4OMXSS | 210 | 160 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

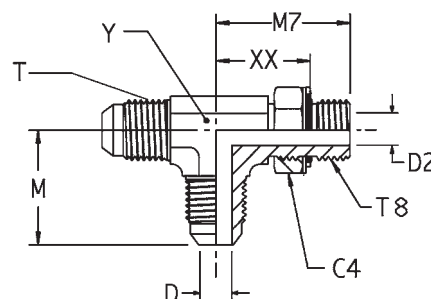
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

R8OMX Male stud run tee

Triple-Lok® 37° Flare ends / Male metric thread – O-ring + retaining ring



| Tube O.D. mm | Tube O.D. in. | Thread Metric T8 | Thread UN/UNF-2A T | C4 mm | D mm | D2 mm | M mm | M7 mm | XX mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | PN (bar) |
|-----------------|------------------|------------------|--------------------|----------|---------|----------|---------|----------|----------|---------|-----------------------------|--------------------|----------|
| 6 | 1/4 | M 10×1.0 | 7/16-20 | 14 | 4.4 | 4.5 | 23 | 27 | 18 | 11 | 27 | 4M10R8OMXS | 250 |
| 8 | 5/16 | M 12×1.5 | 1/2-20 | 17 | 6 | 6 | 24 | 31 | 20 | 13 | 42 | 5M12R8OMXS | 250 |
| 10 | 3/8 | M 14×1.5 | 9/16-18 | 17 | 7.5 | 7.5 | 27 | 34 | 23 | 14 | 53 | 6M14R8OMXS | 250 |
| 12 | 1/2 | M 16×1.5 | 3/4-16 | 19 | 9.9 | 9 | 32 | 38 | 27 | 19 | 95 | 8M16R8OMXS | 250 |
| 12 | 1/2 | M 18×1.5 | 3/4-16 | 22 | 9.9 | 9.9 | 32 | 38 | 26 | 19 | 114 | 8M18R8OMXS | 250 |
| 14, 15,16 | 5/8 | M 22×1.5 | 7/8-14 | 27 | 12.3 | 14 | 37 | 43 | 29 | 22 | 175 | 10M22R8OMXS | 250 |
| 18, 20 | 3/4 | M 27×2.0 | 1 1/16-12 | 32 | 15.5 | 18 | 42 | 51 | 35 | 27 | 304 | 12M27R8OMXS | 175 |
| 25 | 1 | M 33×2.0 | 1 5/16-12 | 38 | 22.5 | 23 | 46 | 53 | 38 | 33 | 491 | 16M33R8OMXS | 140 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

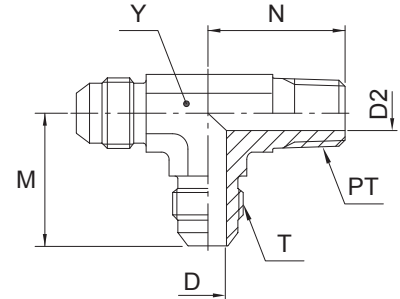


RMTX Male stud run tee

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

SAE 070424 MS51511

*Stainless Steel = NPT to prevent galling



| Tube O.D. | | Thread NPT/NPTF PT | Thread UN/UNF-2A T | D mm | D2 mm | M mm | N mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | Triple-Lok® Brass | PN (bar) | |
|------------|-------|--------------------|--------------------|------|-------|------|------|------|--------------------------|--------------------|-----------------------------|--------------------|----------|-----|
| mm | in. | | | | | | | | | | | | S | SS |
| 6 | 3/16 | 1/8-27 | 3/8-24 | 3.2 | 4.7 | 21 | 18 | 11 | 25 | 3 RTX-S | 3 RTX-SS | | 420 | 350 |
| | 1/4 | 1/8-27 | 7/16-20 | 4.4 | 4.7 | 23 | 20 | 11 | 31 | 4 RTX-S | 4 RTX-SS | 4 RTX-B | 420 | 350 |
| | 1/4 | 1/4-18 | 7/16-20 | 4.4 | 7 | 27 | 28 | 14 | 49 | 4-4-4 RTX-S | 4-4-4 RTX-SS | 4-4-4 RTX-B | 420 | 350 |
| | 5/16 | 1/8-27 | 1/2-20 | 6 | 4.7 | 24 | 20 | 14 | 37 | 5 RTX-S | 5 RTX-SS | 5 RTX-B | 420 | 350 |
| 10 | 3/8 | 1/4-18 | 9/16-18 | 7.5 | 7 | 27 | 28 | 14 | 57 | 6 RTX-S | 6 RTX-SS | 6 RTX-B | 420 | 350 |
| 10 | 3/8 | 3/8-18 | 9/16-18 | 7.5 | 10.3 | 29 | 31 | 19 | 77 | 6-6-6 RTX-S | 6-6-6 RTX-SS | 6-6-6 RTX-B | 420 | 350 |
| 12 | 1/2 | 3/8-18 | 3/4-16 | 9.9 | 10.3 | 32 | 31 | 19 | 109 | 8 RTX-S | 8 RTX-SS | 8 RTX-B | 420 | 350 |
| 12 | 1/2 | 1/2-14 | 3/4-16 | 9.9 | 13.5 | 34 | 37 | 22 | 163 | 8-8-8 RTX-S | 8-8-8 RTX-SS | 8-8-8 RTX-B | 420 | 350 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 12.3 | 13.5 | 37 | 37 | 22 | 172 | 10 RTX-S | 10 RTX-SS | 10 RTX-B | 350 | 350 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 15.5 | 18.3 | 42 | 40 | 27 | 268 | 12 RTX-S | 12 RTX-SS | 12 RTX-B | 280 | 280 |
| 22 | 7/8 | 3/4-14 | 1 3/16-12 | 18.3 | 18.3 | 46 | 43 | 33.3 | 323 | 14 RTX-S | | | 280 | — |
| 25 | 1 | 1-11.5 | 1 5/16-12 | 21.4 | 23.8 | 46 | 50 | 33.3 | 413 | 16 RTX-S | 16 RTX-SS | 16 RTX-B | 210 | 210 |
| 28, 30, 32 | 1 1/4 | 1 1/4-11.5 | 1 5/8-12 | 27.4 | 31.8 | 52 | 60 | 41 | 681 | 20 RTX-S | 20 RTX-SS | 20 RTX-B | 170 | 170 |
| 35, 38 | 1 1/2 | 1 1/2-11.5 | 1 7/8-12 | 33.3 | 38 | 59 | 67 | 47.6 | 905 | 24 RTX-S | 24 RTX-SS | | 170 | 140 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$$\frac{PN \text{ (bar)}}{10} = PN \text{ (MPa)}$$

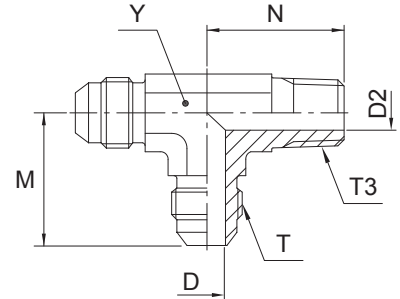
Pressure ratings – PN shown, apply to Steel and Stainless Steel versions of the product.

For Brass parts reduce pressures by 35 %.

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

R3MX Male stud run tee

Triple-Lok® 37° Flare ends / Male BSPT thread (ISO 7)



| Tube O.D. | | Thread BSPT T3 | Thread UN/UNF-2A T | D mm | D2 mm | M mm | N mm | Y mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|------|----------------|--------------------|------|-------|------|------|------|--------------------------|-------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | S | SS |
| 6 | 1/4 | 1/8-28 | 7/16-20 | 4.4 | 5 | 23 | 20 | 11 | 30 | 4R3MXS | 4R3MXSS | 315 | 315 |
| 8 | 5/16 | 1/8-28 | 1/2-20 | 6 | 5 | 24 | 20 | 13 | 36 | 5R3MXS | 5R3MXSS | 315 | 315 |
| 10 | 3/8 | 1/4-19 | 9/16-18 | 7.5 | 7 | 27 | 28 | 14 | 55 | 6R3MXS | 6R3MXSS | 315 | 315 |
| 12 | 1/2 | 3/8-19 | 3/4-16 | 9.9 | 10 | 32 | 31 | 19 | 107 | 8R3MXS | 8R3MXSS | 315 | 315 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 12.3 | 13.5 | 37 | 37 | 22 | 170 | 10R3MXS | 10R3MXSS | 315 | 315 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

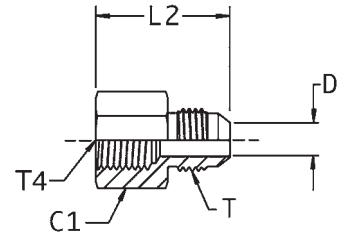
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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



G4MX Female connector

Triple-Lok® 37° Flare end / Female BSPP thread (ISO 1179-1)



| mm | Tube O.D. | | Thread BSPP T4 | Thread UN/UNF-2A T | C1 mm | D mm | L2 mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | | PN (bar) | |
|------------|-----------|-----------|----------------|--------------------|-------|------|-------|--------------------------|-------------------|-----------------------------|-----|----------|--|
| | in. | S | | | | | | | | SS | S | SS | |
| 6 | 1/4 | 1/8-28 | 7/16-20 | 17 | 4.4 | 30 | 15 | 4G4MXS | 4G4MXSS | 315 | 315 | | |
| 6 | 1/4 | 1/4-19 | 7/16-20 | 19 | 4.4 | 35 | 42 | 4-4G4MXS | 4-4G4MXSS | 400 | 350 | | |
| 8 | 5/16 | 1/8-28 | 1/2-20 | 17 | 6 | 30 | 22 | 5G4MXS | 5G4MXSS | 315 | 315 | | |
| 8 | 5/16 | 1/4-19 | 1/2-20 | 19 | 6 | 35 | 40 | 5-4G4MXS | 5-4G4MXSS | 400 | 350 | | |
| 10 | 3/8 | 1/4-19 | 9/16-18 | 19 | 7.5 | 36 | 40 | 6G4MXS | 6G4MXSS | 400 | 350 | | |
| 10 | 3/8 | 3/8-19 | 9/16-18 | 22 | 7.5 | 37 | 50 | 6-6G4MXS | 6-6G4MXSS | 350 | 350 | | |
| 12 | 1/2 | 3/8-19 | 3/4-16 | 22 | 9.9 | 40 | 64 | 8G4MXS | 8G4MXSS | 350 | 350 | | |
| 12 | 1/2 | 1/2-14 | 3/4-16 | 30 | 9.9 | 46 | 116 | 8-8G4MXS | 8-8G4MXSS | 400 | 350 | | |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 30 | 12.3 | 48 | 121 | 10G4MXS | 10G4MXSS | 350 | 350 | | |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 36 | 15.5 | 52 | 188 | 12G4MXS | 12G4MXSS | 315 | 315 | | |
| 25 | 1 | 1 1/16-12 | 1 5/16-12 | 46 | 21.5 | 60 | 340 | 16G4MXS | 16G4MXSS | 280 | 280 | | |
| 28, 30, 32 | 1 1/4 | 1 1/4-11 | 1 5/8-12 | 50 | 27.5 | 63 | 438 | 20G4MXS | 20G4MXSS | 210 | 210 | | |
| 35, 38 | 1 1/2 | 1 1/2-11 | 1 7/8-12 | 55 | 33 | 67 | 526 | 24G4MXS | 24G4MXSS | 140 | 140 | | |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

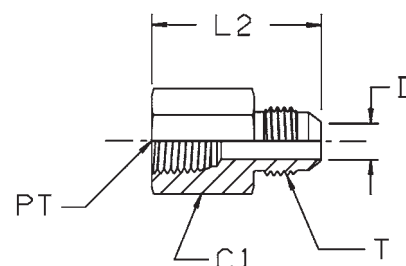
Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

GMTX Female connector

Triple-Lok® 37° Flare end / Female NPTF* thread (SAE J476)

SAE 070103 MS51503

*Stainless Steel = NPT to prevent galling



| Tube O.D. | | Thread NPT/NPTF PT | Thread UN/UNF-2A T | C1 mm | D mm | L2 mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-------|--------------------|--------------------|-------|------|-------|--------------------------|--------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | S | SS |
| 2 | 1/8 | 1/8-27 | 5/16-24 | 14.3 | 1.6 | 28 | 18 | 2 GTX-S | | 420 | |
| 6 | 1/4 | 1/8-27 | 7/16-20 | 14.3 | 4.4 | 30 | 42 | 4 GTX-S | 4GMTXSS | 420 | 350 |
| 6 | 1/4 | 1/4-18 | 7/16-20 | 19 | 4.4 | 35 | 40 | 4-4 GTX-S | 4-4GMTXSS | 420 | 350 |
| 8 | 5/16 | 1/8-27 | 1/2-20 | 14.3 | 6 | 30 | 40 | 5 GTX-S | 5GMTXSS | 420 | 350 |
| 8 | 5/16 | 1/4-18 | 1/2-20 | 19 | 6 | 35.5 | 42 | 5-4 GTX-S | 5-4GMTXSS | 420 | 350 |
| 10 | 3/8 | 1/4-18 | 9/16-18 | 19 | 7.5 | 36 | 40 | 6 GTX-S | 6GMTXSS | 420 | 350 |
| 10 | 3/8 | 3/8-18 | 9/16-18 | 22.3 | 7.5 | 37 | 62 | 6-6 GTX-S | 6-6GMTXSS | 420 | 350 |
| 10 | 3/8 | 1/2-14 | 9/16-18 | 22.3 | 7.5 | 43 | 90 | 6-8 GTX-S | 6-8GMTXSS | 350 | 350 |
| 12 | 1/2 | 3/8-18 | 3/4-16 | 22.3 | 9.9 | 40 | 45 | 8 GTX-S | 8GMTXSS | 420 | 350 |
| 12 | 1/2 | 1/4-18 | 3/4-16 | 20.6 | 9.9 | 36 | 80 | 8-4 GTX-S | 8-4GMTXSS | 420 | 350 |
| 12 | 1/2 | 1/2-14 | 3/4-16 | 28.6 | 9.9 | 46 | 116 | 8-8 GTX-S | 8-8GMTXSS | 350 | 350 |
| 12 | 1/2 | 3/4-14 | 3/4-16 | 35 | 9.9 | 47 | 150 | 8-12 GTX-S | 8-12GMTXSS | 280 | 280 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 28.6 | 12.3 | 48 | 121 | 10 GTX-S | 10GMTXSS | 350 | 350 |
| 14, 15, 16 | 5/8 | 3/4-14 | 7/8-14 | 35 | 12.3 | 50 | 182 | 10-12 GTX-S | 10-12GMTXSS | 280 | 280 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 35 | 15.5 | 52 | 188 | 12 GTX-S | 12GMTXSS | 280 | 280 |
| 18, 20 | 3/4 | 1/2-14 | 1 1/16-12 | 28.6 | 15.5 | 52 | 133 | 12-8 GTX-S | 12-8GMTXSS | 350 | 350 |
| 25 | 1 | 1-11.5 | 1 5/16-12 | 41.3 | 21.4 | 60 | 280 | 16 GTX-S | 16GMTXSS | 210 | 210 |
| 28, 30, 32 | 1 1/4 | 1 1/4-11.5 | 1 5/8-12 | 51 | 27.4 | 63 | 408 | 20 GTX-S | 20GMTXSS | 170 | 170 |
| 35, 38 | 1 1/2 | 1 1/2-11.5 | 1 7/8-12 | 60.3 | 33.3 | 67 | 370 | 24 GTX-S | 24GMTXSS | 140 | 140 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$

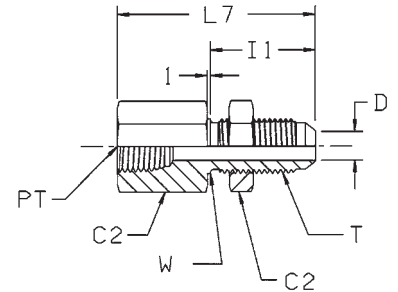
Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

K

WGMTX Female bulkhead connector

Triple-Lok® 37° Flare end / Female NPTF* thread (SAE J476)

*Stainless Steel = NPT to prevent galling



| Tube O.D. | | Thread NPT/NPTF PT | Thread UN/UNF-2A T | C2 mm | D mm | I1 mm | L7 mm | W mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|------------|-----|--------------------|--------------------|-------|------|-------|-------|------|--------------------------|-----------------------|-----------------------------|----------|-----|
| mm | in. | | | | | | | | | | | S | SS |
| 6 | 1/4 | 1/8-27 | 7/16-20 | 17.5 | 4.4 | 31 | 47 | 11 | 42 | 4 WGTX-WLN-S | 4WGMTXWLNMS | 420 | 350 |
| 6 | 1/4 | 1/4-18 | 7/16-20 | 19 | 4.4 | 31 | 54 | 11 | 62 | 4-4 WGTX-WLN-S | 4-4WGMTXWLNMS | 420 | 350 |
| 10 | 3/8 | 1/4-18 | 9/16-18 | 20.6 | 7.5 | 33 | 54 | 14 | 72 | 6 WGTX-WLN-S | 6WGMTXWLNMS | 420 | 350 |
| 12 | 1/2 | 3/8-18 | 3/4-16 | 25.4 | 9.9 | 37 | 59 | 19 | 117 | 8 WGTX-WLN-S | 8WGMTXWLNMS | 420 | 350 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 28.6 | 12.3 | 41 | 69 | 22 | 179 | 10 WGTX-WLN-S | 10WGMTXWLNMS | 350 | 350 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 35 | 15.5 | 45 | 75 | 27 | 284 | 12 WGTX-WLN-S | 12WGMTXWLNMS | 280 | 280 |
| 25 | 1 | 1-11.5 | 1 5/16-12 | 41.3 | 21.4 | 45 | 81 | 33 | 415 | 16 WGTX-WLN-S | 16WGMTXWLNMS | 210 | 210 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

For the version without the locknut remove "WLN" (e.g. 10 WGTX)

$$\frac{PN \text{ (bar)}}{10} = PN \text{ (MPa)}$$

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

Maximum bulkhead wallthickness

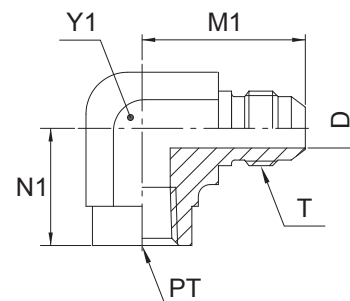
| Size | Tube O.D. | | Straight bulkhead union Max. thickness mm | Shape bulkhead union Max. thickness mm |
|------|-----------|--------|---|--|
| | inch | metric | | |
| 4 | 1/4 | 6 | 8.4 | 5.3 |
| 5 | 5/16 | 8 | 8.4 | 5.3 |
| 6 | 3/8 | 10 | 10.7 | 7.1 |
| 8 | 1/2 | 12 | 11.2 | 8.4 |
| 10 | 5/8 | 14-16 | 10.9 | 8.1 |
| 12 | 3/4 | 18-20 | 11.2 | 8.6 |
| 14 | 7/8 | | 10.4 | 7.9 |
| 16 | 1 | 22-25 | 9.9 | 7.4 |
| 20 | 1 1/4 | 28-32 | 10.2 | 7.4 |
| 24 | 1 1/2 | 35-38 | 7.1 | — |
| 32 | 2 | | 7.1 | — |

DMTX Female elbow connector

Triple-Lok® 37° Flare end / Female NPTF* thread (SAE J476)

SAE 070203 MS51506

*Stainless Steel = NPT to prevent galling



| Tube O.D. | | Thread NPT/NPTF PT | Thread UN/UNF-2A T | D mm | M1 mm | N1 mm | Y1 mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | Triple-Lok® Brass | PN (bar) | |
|------------|-------|--------------------|--------------------|------|-------|-------|-------|--------------------------|-------------------|-----------------------------|-------------------|----------|-----|
| mm | in. | | | | | | | | | | | S | SS |
| 6 | 1/4 | 1/8-27 | 7/16-20 | 4.4 | 27 | 17 | 14 | 33 | 4 DTX-S | 4 DTX-SS | 4 DTX-B | 350 | 350 |
| 6 | 1/4 | 1/4-18 | 7/16-20 | 4.4 | 31 | 22 | 19 | 70 | 4-4 DTX-S | 4-4 DTX-SS | 4-4 DTX-B | 350 | 350 |
| 8 | 5/16 | 1/8-27 | 1/2-20 | 6 | 27 | 17 | 14 | 33 | 5 DTX-S | 5 DTX-SS | 5 DTX-B | 350 | 350 |
| 8 | 5/16 | 1/4-18 | 1/2-20 | 6 | 31 | 22 | 19 | 67 | 5-4 DTX-S | 5-4 DTX-SS | 5-4 DTX-B | 350 | 350 |
| 10 | 3/8 | 1/4-18 | 9/16-18 | 7.5 | 31 | 22 | 19 | 67 | 6 DTX-S | 6 DTX-SS | 6 DTX-B | 350 | 350 |
| 10 | 3/8 | 1/8-27 | 9/16-18 | 7.5 | 31 | 17 | 14 | 39 | 6-2 DTX-S | 6-2 DTX-SS | 6-2 DTX-B | 350 | 350 |
| 10 | 3/8 | 3/8-18 | 9/16-18 | 7.5 | 33 | 26 | 22 | 103 | 6-6 DTX-S | 6-6 DTX-SS | 6-6 DTX-B | 310 | 310 |
| 12 | 1/2 | 3/8-18 | 3/4-16 | 9.9 | 36 | 26 | 22 | 115 | 8 DTX-S | 8 DTX-SS | 8 DTX-B | 310 | 310 |
| 12 | 1/2 | 1/4-18 | 3/4-16 | 9.9 | 36 | 26 | 19 | 190 | 8-4 DTX-S | 8-4 DTX-SS | 8-4 DTX-B | 350 | 350 |
| 12 | 1/2 | 1/2-14 | 3/4-16 | 9.9 | 39 | 31 | 27 | 178 | 8-8 DTX-S | 8-8 DTX-SS | 8-8 DTX-B | 210 | 210 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 12.3 | 42 | 31 | 27 | 180 | 10 DTX-S | 10 DTX-SS | 10 DTX-B | 210 | 210 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 15.5 | 48 | 35 | 33.3 | 315 | 12 DTX-S | 12 DTX-SS | 12 DTX-B | 210 | 210 |
| 18, 20 | 3/4 | 1/2-14 | 1 1/16-12 | 15.5 | 48 | 34 | 27 | 175 | 12-8 DTX-S | 12-8 DTX-SS | 12-8 DTX-B | 210 | 210 |
| 22 | 7/8 | 3/4-14 | 1 3/16-12 | 18.3 | 47 | 36 | 33.3 | 285 | 14 DTX-S | 14 DTX-SS | | 125 | 125 |
| 25 | 1 | 1-11.5 | 1 5/16-12 | 21.4 | 55 | 41 | 41 | 506 | 16 DTX-S | 16 DTX-SS | 16 DTX-B | 125 | 125 |
| 28, 30, 32 | 1 1/4 | 1 1/4-11.5 | 1 5/8-12 | 27.4 | 59 | 43 | 47.7 | 619 | 20 DTX-S | 20 DTX-SS | 20 DTX-B | 100 | 100 |
| 35, 38 | 1 1/2 | 1 1/2-11.5 | 1 7/8-12 | 33.3 | 73 | 53 | 64 | 1725 | 24 DTX-S | 24 DTX-SS | | 100 | 100 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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.

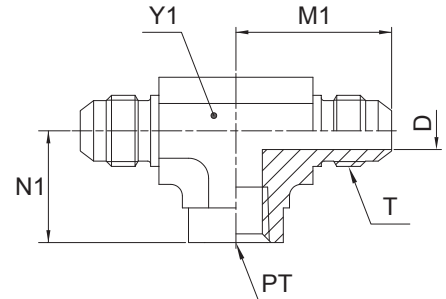
K

OTX Female branch tee

Triple-Lok® 37° Flare ends / Female NPTF* thread (SAE J476)

SAE 070427 MS51513

*Stainless Steel = NPT to prevent galling



| Tube O.D. | | Thread NPT/NPTF PT | Thread UN/UNF-2A T | D mm | M1 mm | N1 mm | Y1 mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | Triple-Lok® Brass | PN (bar) | |
|------------|-------|--------------------|--------------------|------|-------|-------|-------|--------------------------|-------------------|-----------------------------|-------------------|----------|-----|
| mm | in. | | | | | | | | | | | S | SS |
| 6 | 1/4 | 1/8-27 | 7/16-20 | 4.4 | 27 | 17 | 14 | 53 | 4 OTX-S | 4 OTX-SS | 4 OTX-B | 350 | 350 |
| 8 | 5/16 | 1/8-27 | 1/2-20 | 6 | 27 | 17 | 14 | 53 | 5 OTX-S | 5 OTX-SS | 5 OTX-B | 350 | 350 |
| 10 | 3/8 | 1/4-18 | 9/16-18 | 7.5 | 32 | 22 | 19 | 98 | 6 OTX-S | 6 OTX-SS | 6 OTX-B | 350 | 350 |
| 12 | 1/2 | 3/8-18 | 3/4-16 | 9.9 | 36 | 26 | 22 | 145 | 8 OTX-S | 8 OTX-SS | 8 OTX-B | 310 | 310 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 12.3 | 42 | 32 | 27 | 240 | 10 OTX-S | 10 OTX-SS | 10 OTX-B | 210 | 210 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 15.5 | 48 | 35 | 33.3 | 390 | 12 OTX-S | 12 OTX-SS | 12 OTX-B | 210 | 210 |
| 25 | 1 | 1-11.5 | 1 5/16-12 | 21.4 | 55 | 41 | 41 | 745 | 16 OTX-S | 16 OTX-SS | 16 OTX-B | 125 | 125 |
| 28, 30, 32 | 1 1/4 | 1 1/4-11.5 | 1 5/8-12 | 27.4 | 59 | 43 | 47.7 | 930 | 20 OTX-S | 20 OTX-SS | | 100 | 100 |
| 35, 38 | 1 1/2 | 1 1/2-11.5 | 1 7/8-12 | 33.3 | 73 | 53 | 64 | 2255 | 24 OTX-S | 24 OTX-SS | | 100 | 100 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

Pressure ratings – PN shown, apply to Steel and Stainless Steel versions of the product.

For Brass parts reduce pressures by 35 %.

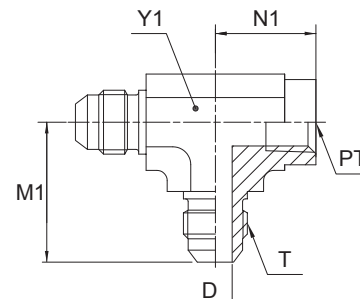
Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

MTX Female run tee

Triple-Lok® 37° Flare ends / Female NPTF* thread (SAE J476)

SAE 070426 MS51514

*Stainless Steel = NPT to prevent galling



| Tube O.D. | | Thread NPT/NPTF PT | Thread UN/UNF-2A T | D mm | M1 mm | N1 mm | Y1 mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | Triple-Lok® Brass | PN (bar) | |
|------------|-------|--------------------|--------------------|------|-------|-------|-------|--------------------------|-------------------|-----------------------------|-------------------|----------|-----|
| mm | in. | | | | | | | | | | | S | SS |
| 6 | 1/4 | 1/8-27 | 7/16-20 | 4.4 | 27 | 17 | 14 | 45 | 4 MTX-S | 4 MTX-SS | 4 MTX-B | 350 | 350 |
| 10 | 3/8 | 1/4-18 | 9/16-18 | 7.5 | 32 | 22 | 19 | 88 | 6 MTX-S | 6 MTX-SS | 6 MTX-B | 350 | 350 |
| 12 | 1/2 | 3/8-18 | 3/4-16 | 9.9 | 36 | 26 | 22 | 125 | 8 MTX-S | 8 MTX-SS | 8 MTX-B | 310 | 310 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 12.3 | 42 | 32 | 27 | 210 | 10 MTX-S | 10 MTX-SS | 10 MTX-B | 210 | 210 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 15.5 | 48 | 35 | 33.3 | 280 | 12 MTX-S | 12 MTX-SS | 12 MTX-B | 210 | 210 |
| 22 | 7/8 | 3/4-14 | 1 3/16-12 | 18.3 | 47 | 36 | 33.3 | 446 | 14 MTX-S | | | 210 | — |
| 25 | 1 | 1-11.5 | 1 5/16-12 | 21.4 | 55 | 41 | 41 | 620 | 16 MTX-S | 16 MTX-SS | | 125 | 125 |
| 28, 30, 32 | 1 1/4 | 1 1/4-11.5 | 1 5/8-12 | 27.4 | 59 | 43 | 47.7 | 805 | 20 MTX-S | 20 MTX-SS | | 100 | 100 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$

Pressure ratings – PN shown, apply to Steel and Stainless Steel versions of the product.

For Brass parts reduce pressures by 35 %.

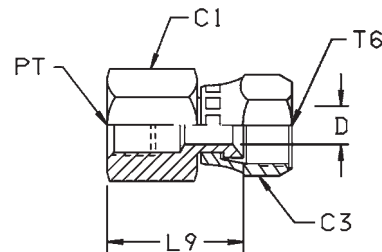
Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

K

G6X Swivel connector

Triple-Lok® 37° Flare female swivel end / Female NPTF* thread (SAE J476)

*Stainless Steel = NPT to prevent galling



| Tube O.D. mm | Tube O.D. in. | Thread NPT/NPTF PT | Thread UN/UNF-2B T6 | C1 mm | C3 mm | D mm | L9 mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|--------------------|---------------------|--------------------------|---------------------------|----------|----------|---------|----------|--------------------------------|----------------------|--------------------------------|----------|-----|
| | | | | | | | | | | | S | SS |
| 6 | 1/4 | 1/8-27 | 7/16-20 | 14.3 | 14.3 | 4.4 | 23 | 29 | 4 G6X-S | 4 G6X-SS | 420 | 420 |
| 6 | 1/4 | 1/4-18 | 7/16-20 | 19 | 14.3 | 4.4 | 27 | 33 | 4-4 G6X-S | 4-4 G6X-SS | 420 | 420 |
| 10 | 3/8 | 1/4-18 | 9/16-18 | 19 | 17.5 | 7.5 | 27 | 38 | 6 G6X-S | 6 G6X-SS | 350 | 350 |
| 10 | 3/8 | 3/8-18 | 9/16-18 | 22.2 | 17.5 | 7.5 | 29 | 45 | 6-6 G6X-S | 6-6 G6X-SS | 350 | 350 |
| 12 | 1/2 | 3/8-18 | 3/4-16 | 22.2 | 22.2 | 9.9 | 31 | 47 | 8 G6X-S | 8 G6X-SS | 350 | 350 |
| 12 | 1/2 | 1/2-14 | 3/4-16 | 28.6 | 22.2 | 9.9 | 38 | 99 | 8-8 G6X-S | 8-8 G6X-SS | 350 | 350 |
| 14, 15, 16 | 5/8 | 1/2-14 | 7/8-14 | 28.6 | 25.4 | 12.3 | 37 | 99 | 10 G6X-S | 10 G6X-SS | 350 | 350 |
| 18, 20 | 3/4 | 3/4-14 | 1 1/16-12 | 35 | 31.6 | 15.5 | 38 | 147 | 12 G6X-S | 12 G6X-SS | 280 | 280 |
| 25 | 1 | 1-11.5 | 1 5/16-12 | 41.3 | 38 | 21.4 | 47 | 248 | 16 G6X-S | 16 G6X-SS | 210 | 210 |
| 28, 30, 32 | 1 1/4 | 1 1/4-11.5 | 1 5/8-12 | 51 | 50.8 | 27.4 | 55 | 370 | 20 G6X-S | 20 G6X-SS | 170 | 170 |
| 35, 38 | 1 1/2 | 1 1/2-11.5 | 1 7/8-12 | 60.3 | 57.2 | 33.3 | 57 | 510 | 24 G6X-S | 24 G6X-SS | 140 | 140 |

Order codes shown are part of our current manufacturing programme.

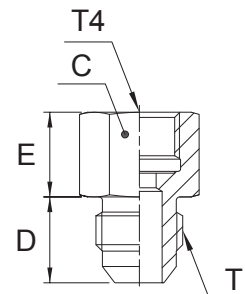
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

G4MXMO Pressure gauge connector

Triple-Lok® 37° Flare end / Female BSPP gauge thread (ISO 1179-1)



| mm | Tube O.D. | | Thread BSPP T4 | Thread UN/UNF-2A T | D mm | E mm | C mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | | PN (bar) | | |
|----|-----------|--|----------------|--------------------|------|------|------|--------------------------|-------------------|-----------------------------|-----|----------|----|--|
| | in. | | | | | | | | | S | SS | S | SS | |
| 6 | 1/4 | | 1/4-19 | 7/16-20 | 14 | 21 | 19 | 86 | 4-4G4MXSMO | 4-4G4MXSSMO | 350 | 350 | | |
| 6 | 1/4 | | 1/2-14 | 7/16-20 | 14 | 25 | 27 | 246 | 4-8G4MXSMO | 4-8G4MXSSMO | 315 | 315 | | |
| 8 | 5/16 | | 1/4-19 | 1/2-20 | 14 | 21 | 19 | 49 | 5-4G4MXSMO | 5-4G4MXSSMO | 350 | 350 | | |
| 8 | 5/16 | | 1/2-14 | 1/2-20 | 14 | 27 | 27 | 246 | 5-8G4MXSMO | 5-8G4MXSSMO | 315 | 315 | | |
| 10 | 3/8 | | 1/4-19 | 9/16-20 | 14 | 22 | 19 | 49 | 6G4MXSMO | 6G4MXSSMO | 350 | 350 | | |
| 10 | 3/8 | | 1/2-14 | 9/16-20 | 14 | 29 | 30 | 239 | 6-8G4MXSMO | 6-8G4MXSSMO | 315 | 315 | | |
| 12 | 1/2 | | 1/4-19 | 3/4-16 | 17 | 22 | 22 | 74 | 8-4G4MXSMO | 8-4G4MXSSMO | 400 | 350 | | |
| 12 | 1/2 | | 1/2-14 | 3/4-16 | 17 | 28 | 30 | 263 | 8-8G4MXSMO | 8-8G4MXSSMO | 315 | 315 | | |

This part requires a copper washer. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

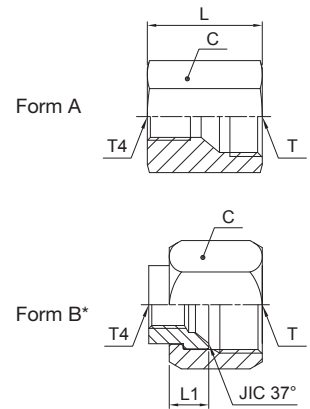
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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



TT4MX Test point connector

Triple-Lok® 37° Flare female end / Female BSPP thread (ISO 1179-1)
for EMA3 test point



* Form B has to be assembled with a nut
BMTX / BTX (not delivered).

| Tube O.D. T | | Thread BSPP T4 | Thread UN/UNF-2B T | Form | L mm | L1 mm | C mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|----------------|-------|----------------------|--------------------------|------|---------|----------|---------|--------------------------------|----------------------|--------------------------------|----------|-----|
| mm | in. | | | | | | | | | | S | SS |
| 6 | 1/4 | 1/4-19 | 7/16-20 | A | 29 | - | 19 | 42 | 4TT4MXS | 4TT4MXSS | 400 | 350 |
| 8 | 5/16 | 1/4-19 | 1/2-20 | A | 29 | - | 19 | 46 | 5TT4MXS | 5TT4MXSS | 400 | 350 |
| 10 | 3/8 | 1/4-19 | 9/16-18 | A | 29 | - | 19 | 43 | 6TT4MXS | 6TT4MXSS | 400 | 350 |
| 12 | 1/2 | 1/4-19 | 3/4-16 | A | 32 | - | 22 | 62 | 8TT4MXS | 8TT4MXSS | 400 | 350 |
| 14, 15, 16 | 5/8 | 1/4-19 | 7/8-14 | A | 32 | - | 27 | 102 | 10TT4MXS | 10TT4MXSS | 350 | 350 |
| 18, 20 | 3/4 | 1/4-19 | 1 1/16-12 | B | - | 11 | 32 | 42 | 12TT4XS | 12TT4XSS | 350 | 350 |
| 25 | 1 | 1/4-19 | 1 5/16-12 | B | - | 12 | 41 | 56 | 16TT4XS | 16TT4XSS | 280 | 280 |
| 28, 30, 32 | 1 1/4 | 1/4-19 | 1 5/8-12 | B | - | 15 | 50 | 98 | 20TT4XS | 20TT4XSS | 280 | 210 |
| 35, 38 | 1 1/2 | 1/4-19 | 1 7/8-12 | B | - | 17 | 60 | 185 | 24TT4XS | 24TT4XSS | 210 | 210 |

Order codes shown are part of our current manufacturing programme.

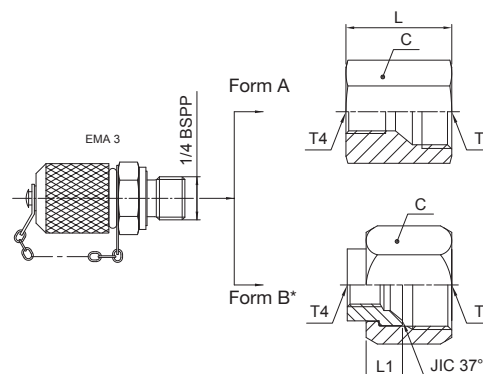
Imperial and metric parts may vary in hexagon dimensions.

$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$

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

TTP4MX Test point connection

Triple-Lok® 37° Flare female end / EMA3 test point



* Form B versions delivered complete with BMTXS nut.

| Tube O.D. T | | Thread BSPP T4 | Thread UN/UNF-2B T | Form | L mm | L1 mm | C mm | Weight (steel) g/1 piece | Triple-Lok® Steel | PN (bar) |
|----------------|-------|----------------------|--------------------------|------|---------|----------|---------|--------------------------------|----------------------|-------------|
| mm | in. | | | | | | | | | |
| 6 | 1/4 | 1/4-19 | 7/16-20 | A | 29 | – | 19 | 132 | 4TTP4MXS | 400 |
| 8 | 5/16 | 1/4-19 | 1/2-20 | A | 29 | – | 19 | 136 | 5TTP4MXS | 400 |
| 10 | 3/8 | 1/4-19 | 9/16-18 | A | 29 | – | 19 | 133 | 6TTP4MXS | 400 |
| 12 | 1/2 | 1/4-19 | 3/4-16 | A | 32 | – | 22 | 152 | 8TTP4MXS | 400 |
| 14, 15, 16 | 5/8 | 1/4-19 | 7/8-14 | A | 32 | – | 27 | 192 | 10TTP4MXS | 350 |
| 18, 20 | 3/4 | 1/4-19 | 1 1/16-12 | B | – | 11 | 32 | 132 | 12TTP4XS | 350 |
| 25 | 1 | 1/4-19 | 1 5/16-12 | B | – | 12 | 41 | 146 | 16TTP4XS | 280 |
| 28, 30, 32 | 1 1/4 | 1/4-19 | 1 5/8-12 | B | – | 15 | 50 | 188 | 20TTP4XS | 280 |
| 35, 38 | 1 1/2 | 1/4-19 | 1 7/8-12 | B | – | 17 | 60 | 275 | 24TTP4XS | 210 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

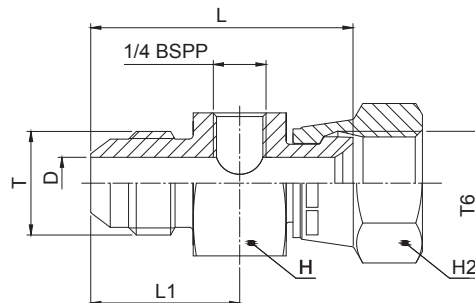
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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



R604MX Test point connector

Male / Female swivel Triple-Lok® 37° flare end / Female BSPP thread (ISO 1179-1)



| Tube O.D. T | | Thread UN/UNF-2A T | Thread UN/UNF-2B T6 | D mm | L mm | L1 mm | H mm | H2 mm | Weight (steel) g/1 piece | Triple-Lok® Steel | PN (bar) |
|----------------|-------|--------------------------|---------------------------|---------|---------|----------|---------|----------|--------------------------------|----------------------|-------------|
| 6 | 1/4 | 7/16-20 | 7/16-20 | 4.4 | 45 | 26 | 36 | 14 | 180 | 4-4R604MXS | 500 |
| 8 | 5/16 | 1/2-20 | 1/2-20 | 6 | 46 | 26 | 36 | 17 | 200 | 5-4R604MXS | 420 |
| 10 | 3/8 | 9/16-18 | 9/16-18 | 7.5 | 47 | 26 | 36 | 19 | 210 | 6-4R604MXS | 350 |
| 12 | 1/2 | 3/4-16 | 3/4-16 | 9.9 | 50 | 28 | 36 | 22 | 218 | 8-4R604MXS | 350 |
| 14, 15, 16 | 5/8 | 7/8-14 | 7/8-14 | 12.3 | 54 | 31 | 36 | 27 | 247 | 10-4R604MXS | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 1 1/16-12 | 15.5 | 56 | 34 | 41 | 32 | 326 | 12-4R604MXS | 350 |
| 25 | 1 | 1 5/16-12 | 1 5/16-12 | 21.4 | 60 | 35 | 46 | 38 | 416 | 16-4R604MXS | 250 |
| 28, 30, 32 | 1 1/4 | 1 5/8-12 | 1 5/8-12 | 27.4 | 64 | 36 | 50 | 50 | 601 | 20-4R604MXS | 250 |
| 35, 38 | 1 1/2 | 1 7/8-12 | 1 7/8-12 | 33.3 | 69 | 39 | 60 | 60 | 905 | 24-4R604MXS | 170 |

Order codes shown are part of our current manufacturing programme.

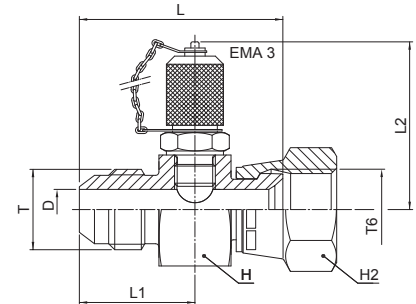
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

R6P4MX Test point connector

Male / Female swivel Triple-Lok® 37° flare end / EMA3 test point



| Tube O.D. T | | Thread UN/UNF-2A T | Thread UN/UNF-2B T6 | D mm | L mm | L1 mm | L2 mm | H mm | H2 mm | Weight (steel) g/1 piece | Triple-Lok® Steel | PN (bar) |
|----------------|-------|--------------------------|---------------------------|---------|---------|----------|----------|---------|----------|--------------------------------|----------------------|-------------|
| 6 | 1/4 | 7/16-20 | 7/16-20 | 4.4 | 45 | 26 | 54 | 36 | 14 | 270 | 4-4R6P4MXS | 500 |
| 8 | 5/16 | 1/2-20 | 1/2-20 | 6 | 46 | 26 | 54 | 36 | 17 | 290 | 5-4R6P4MXS | 420 |
| 10 | 3/8 | 9/16-18 | 9/16-18 | 7.5 | 47 | 26 | 54 | 36 | 19 | 300 | 6-4R6P4MXS | 350 |
| 12 | 1/2 | 3/4-16 | 3/4-16 | 9.9 | 50 | 28 | 54 | 36 | 22 | 308 | 8-4R6P4MXS | 350 |
| 14, 15, 16 | 5/8 | 7/8-14 | 7/8-14 | 12.3 | 54 | 31 | 54 | 36 | 27 | 337 | 10-4R6P4MXS | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 1 1/16-12 | 15.5 | 56 | 34 | 54 | 41 | 32 | 416 | 12-4R6P4MXS | 350 |
| 25 | 1 | 1 5/16-12 | 1 5/16-12 | 21.4 | 60 | 35 | 54 | 46 | 38 | 506 | 16-4R6P4MXS | 250 |
| 28, 30, 32 | 1 1/4 | 1 5/8-12 | 1 5/8-12 | 27.4 | 64 | 36 | 54 | 50 | 50 | 691 | 20-4R6P4MXS | 250 |
| 35, 38 | 1 1/2 | 1 7/8-12 | 1 7/8-12 | 33.3 | 69 | 39 | 54 | 60 | 60 | 995 | 24-4R6P4MXS | 170 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

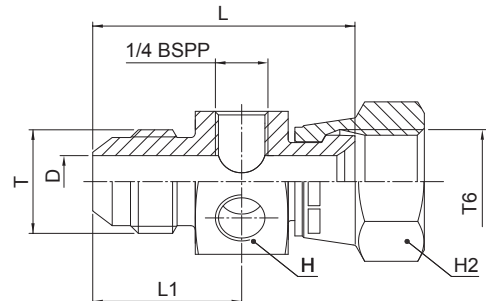
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

K

K6004MX Test point connector

Male / Female swivel Triple-Lok® 37° flare end / 2 BSPP female threads



| Tube O.D. T | | Thread UN/UNF-2A T | Thread UN/UNF-2B T6 | D mm | L mm | L1 mm | H mm | H2 mm | Weight (steel) g/1 piece | Triple-Lok® Steel | PN (bar) |
|----------------|------|--------------------------|---------------------------|---------|---------|----------|---------|----------|--------------------------------|----------------------|-------------|
| 6 | 1/4 | 7/16-20 | 7/16-20 | 4.4 | 45 | 26 | 36 | 14 | 170 | 4-4K6004MXS | 500 |
| 8 | 5/16 | 1/2-20 | 1/2-20 | 6 | 46 | 26 | 36 | 17 | 190 | 5-4K6004MXS | 420 |
| 10 | 3/8 | 9/16-18 | 9/16-18 | 7.5 | 47 | 26 | 36 | 19 | 200 | 6-4K6004MXS | 350 |
| 12 | 1/2 | 3/4-16 | 3/4-16 | 9.9 | 50 | 28 | 36 | 22 | 208 | 8-4K6004MXS | 350 |
| 14, 15, 16 | 5/8 | 7/8-14 | 7/8-14 | 12.3 | 54 | 31 | 36 | 27 | 237 | 10-4K6004MXS | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 1 1/16-12 | 15.5 | 56 | 34 | 41 | 32 | 316 | 12-4K6004MXS | 350 |
| 25 | 1 | 1 5/16-12 | 1 5/16-12 | 21.4 | 60 | 35 | 46 | 38 | 406 | 16-4K6004MXS | 250 |

Order codes shown are part of our current manufacturing programme.

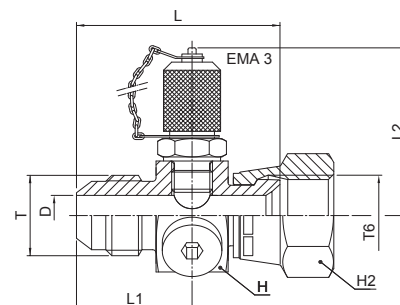
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

K6PP4MX Test point connector

Male / female swivel Triple-Lok® 37° flare end / EMA3 test point & blanking plug



| Tube O.D. T | | Thread UN/UNF-2A T | Thread UN/UNF-2B T6 | D mm | L mm | L1 mm | L2 mm | H mm | H2 mm | Weight (steel) g/1 piece | Triple-Lok® Steel | PN (bar) |
|----------------|------|--------------------------|---------------------------|---------|---------|----------|----------|---------|----------|--------------------------------|----------------------|-------------|
| 6 | 1/4 | 7/16-20 | 7/16-20 | 4.4 | 45 | 26 | 54 | 36 | 14 | 270 | 4-4K6PP4MXS | 500 |
| 8 | 5/16 | 1/2-20 | 1/2-20 | 6 | 46 | 26 | 54 | 36 | 17 | 290 | 5-4K6PP4MXS | 420 |
| 10 | 3/8 | 9/16-18 | 9/16-20 | 7.5 | 47 | 26 | 54 | 36 | 19 | 300 | 6-4K6PP4MXS | 350 |
| 12 | 1/2 | 3/4-16 | 3/4-16 | 9.9 | 50 | 28 | 54 | 36 | 22 | 308 | 8-4K6PP4MXS | 350 |
| 14, 15, 16 | 5/8 | 7/8-14 | 7/8-14 | 12.3 | 54 | 31 | 54 | 36 | 27 | 337 | 10-4K6PP4MXS | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 1 1/16-12 | 15.5 | 56 | 34 | 54 | 41 | 32 | 416 | 12-4K6PP4MXS | 350 |
| 25 | 1 | 1 5/16-12 | 1 5/16-12 | 21.4 | 60 | 35 | 54 | 46 | 38 | 506 | 16-4K6PP4MXS | 250 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

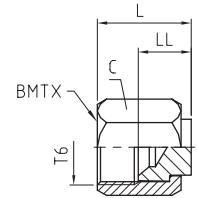
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

K

FNMTX Cap

Triple-Lok® 37° Flare female swivel cap end
SAE 070112 MS51532



| Tube O.D. mm | Tube O.D. in. | Thread UN/UNF-2B T6 | C mm | LL mm | L mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | Triple-Lok® Brass | PN (bar) | |
|--------------------|---------------------|---------------------------|---------|----------|---------|--------------------------------|----------------------|--------------------------------|----------------------|-----------------|-----|
| | | | | | | | | | | S | SS |
| 6 | 1/8 | 5/16-24 | 9.5 | 10 | 15 | 10 | 2 FNTX-S | | | 500 | — |
| | 3/16 | 3/8-24 | 11 | 10 | 17 | 11 | 3 FNTX-S | | | 500 | — |
| | 1/4 | 7/16-20 | 14 | 9 | 17 | 14 | 4FNMTXS | 4FNMTXSS | 4 FNTX-B | 500 | 350 |
| | 5/16 | 1/2-20 | 17 | 10 | 21 | 19 | 5FNMTXS | 5FNMTXSS | 5 FNTX-B | 420 | 350 |
| | 3/8 | 9/16-18 | 19 | 12 | 21 | 31 | 6FNMTXS | 6FNMTXSS | 6 FNTX-B | 420 | 350 |
| | 12 | 1/2 | 3/4-16 | 22 | 14 | 23 | 45 | 8FNMTXS | 8FNMTXSS | 8 FNTX-B | 420 |
| 14, 15, 16 | 5/8 | 7/8-14 | 27 | 14 | 27 | 75 | 10FNMTXS | 10FNMTXSS | 10 FNTX-B | 350 | 350 |
| | 3/4 | 1 1/16-12 | 32 | 17 | 30 | 114 | 12FNMTXS | 12FNMTXSS | 12 FNTX-B | 350 | 350 |
| 18, 20 | 7/8 | 1 3/16-12 | 35 | 16 | 32 | 133 | 14 FNTX-S | 14FNMTXSS | 14 FNTX-B | 310 | 280 |
| 22 | 1 | 1 5/16-12 | 41 | 16 | 33 | 200 | 16FNMTXS | 16FNMTXSS | 16 FNTX-B | 310 | 280 |
| 25 | 1 1/4 | 1 5/8-12 | 50 | 19 | 37 | 272 | 20FNMTXS | 20FNMTXSS | 20 FNTX-B | 280 | 210 |
| | 1 1/2 | 1 7/8-12 | 60 | 24 | 45 | 553 | 24FNMTXS | 24FNMTXSS | 24 FNTX-B | 210 | 140 |
| 28, 30, 32 | 2 | 2 1/2-12 | 73 | 28 | 52 | 930 | 32 FNTX-S | | | 140 | — |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

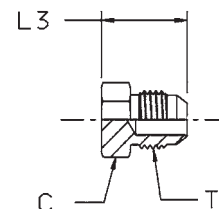
Pressure ratings – PN shown, apply to Steel and Stainless Steel versions of the product.

For Brass parts reduce pressures by 35 %.

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

PNMTX Plug

Triple-Lok® 37° Flare end plug
SAE 070109 MS51518



| Tube O.D. mm | Tube O.D. in. | Thread UN/UNF-2A T | C mm | L mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|----------------------|---------------------|--------------------------|---------|---------|--------------------------------|----------------------|--------------------------------|----------|-----|
| | | | | | | | | S | SS |
| 6 | 1/8 | 5/16-24 | 11 | 18 | 9 | 2 PNTX-S | | 500 | — |
| | 3/16 | 3/8-24 | 11 | 19 | 10 | 3 PNTX-S | | 500 | — |
| | 1/4 | 7/16-20 | 13 | 21 | 10 | 4PNMTXS | 4PNMTXSS | 500 | 350 |
| | 5/16 | 1/2-20 | 14 | 21 | 14 | 5PNMTXS | 5PNMTXSS | 420 | 350 |
| 10 | 3/8 | 9/16-18 | 16 | 21 | 19 | 6 PNTX-S | 6PNMTXSS | 420 | 350 |
| 14, 15, 16 18, 20 | 1/2 | 3/4-16 | 19 | 24 | 39 | 8PNMTXS | 8PNMTXSS | 420 | 350 |
| | 5/8 | 7/8-14 | 24 | 28 | 60 | 10PNMTXS | 10PNMTXSS | 350 | 350 |
| | 3/4 | 1 1/16-12 | 27 | 33 | 93 | 12PNMTXS | 12PNMTXSS | 350 | 350 |
| | 7/8 | 1 3/16-12 | 31.75 | 33 | 95 | 14 PNTX-S | 14PNMTXSS | 280 | 280 |
| | 1 | 1 5/16-12 | 35 | 34 | 98 | 16 PNTX-S | 16PNMTXSS | 280 | 280 |
| 28, 30, 32 35, 38 | 1 1/4 | 1 5/8-12 | 42.8 | 37 | 269 | 20 PNTX-S | 20PNMTXSS | 280 | 210 |
| | 1 1/2 | 1 7/8-12 | 51 | 42 | 360 | 24 PNTX-S | 24PNMTXSS | 210 | 140 |
| | 2 | 2 1/2-12 | 66.6 | 52 | 470 | 32 PNTX-S | | 140 | — |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

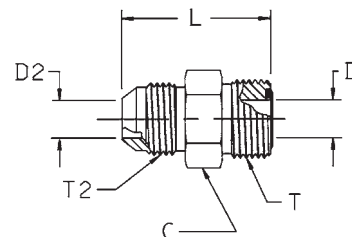
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

K

XHMLO Conversion union

Triple-Lok® 37° Flare End / O-Lok ORFS end



| Tube O.D. T2/T | | Thread UN/UNF-2A T2 | Thread UN/UNF-2A T | D mm | D2 mm | L mm | C mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|-------------------|-----------|---------------------------|--------------------------|---------|----------|---------|---------|--------------------------------|----------------------|--------------------------------|----------|-----|
| mm | in. | | | | | | | | | | S | SS |
| 6 | 1/4 | 7/16-20 | 9/16-18 | 4.4 | 4.4 | 32 | 16 | 29 | 4 XHLO-S | 4XHMLOSS | 500 | 350 |
| 8, 10 | 5/16, 3/8 | 9/16-18 | 11/16-16 | 6.7 | 6.7 | 34 | 19 | 45 | 6 XHLO-S | 6XHMLOSS | 420 | 350 |
| 12 | 1/2 | 3/4-16 | 13/16-16 | 9.6 | 10 | 39 | 22.2 | 70 | 8 XHLO-S | 8XHMLOSS | 420 | 350 |
| 14, 15, 16 | 5/8 | 7/8-14 | 1-14 | 12.3 | 12.3 | 46 | 27 | 119 | 10 XHLO-S | 10XHMLOSS | 350 | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 1 3/16-12 | 15.5 | 15.5 | 52 | 31.75 | 181 | 12 XHLO-S | 12XHMLOSS | 350 | 350 |
| 22, 25 | 1 | 1 5/16-12 | 1 7/16-12 | 20.5 | 20.5 | 55 | 38 | 265 | 16 XHLO-S | 16XHMLOSS | 280 | 280 |
| 28, 30, 32 | 1 1/4 | 1 5/8-12 | 1 11/16-12 | 26 | 26 | 58 | 44.45 | 383 | 20 XHLO-S | 20XHMLOSS | 280 | 210 |
| 35, 38 | 1 1/2 | 1 7/8-12 | 2-12 | 32 | 32 | 63 | 54 | 562 | 24 XHLO-S | 24XHMLOSS | 210 | 140 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

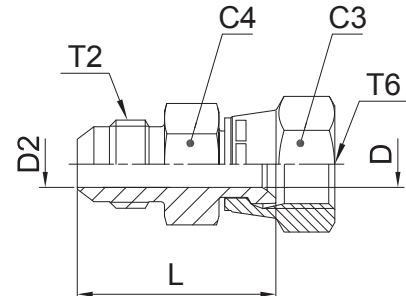
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

XHML6 Conversion swivel nut connector

Triple-Lok® 37° Flare end / O-Lok ORFS female swivel end



| Tube O.D. T2/T6 | | Thread UN/UNF-2A T2 | Thread UN/UNF-2B T6 | C3 | D | D2 | L | C4 | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|--------------------|-----------|---------------------------|---------------------------|------|------|------|----|------|--------------------------------|----------------------|--------------------------------|----------|-----|
| mm | in. | | | mm | mm | mm | mm | mm | | | | S | SS |
| 6 | 1/4 | 7/16-20 | 9/16-18 | 17.5 | 4.2 | 4.2 | 38 | 16 | 29 | 4 XHL6-S | 4XHML6SS | 500 | 350 |
| 8, 10 | 5/16, 3/8 | 9/16-18 | 11/16-16 | 20.6 | 6.7 | 6.7 | 41 | 19 | 46 | 6 XHL6-S | 6XHML6SS | 420 | 350 |
| 12 | 1/2 | 3/4-16 | 13/16-16 | 23.8 | 9 | 9 | 48 | 22.2 | 73 | 8 XHL6-S | 8XHML6SS | 420 | 350 |
| 14, 15, 16 | 5/8 | 7/8-14 | 1-14 | 28.6 | 11.5 | 11.5 | 56 | 27 | 126 | 10 XHL6-S | 10XHML6SS | 350 | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 1 3/16-12 | 35 | 14 | 14 | 64 | 31.8 | 205 | 12 XHL6-S | 12XHML6SS | 350 | 350 |
| 22, 25 | 1 | 1 5/16-12 | 1 7/16-12 | 41.3 | 19.8 | 19.8 | 68 | 38 | 285 | 16 XHL6-S | 16XHML6SS | 280 | 280 |
| 28, 30, 32 | 1 1/4 | 1 5/8-12 | 1 11/16-12 | 47.6 | 26 | 26 | 71 | 43 | 360 | 20 XHL6-S | 20XHML6SS | 280 | 280 |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

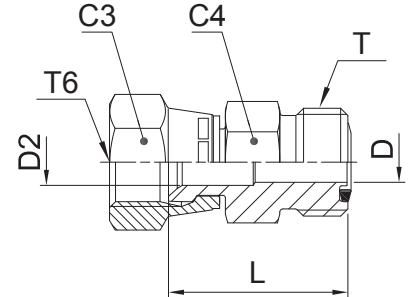
$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

K

LOHMX6 Conversion swivel nut connector

Triple-Lok® 37° Flare female swivel end / O-Lok ORFS end



| Tube O.D. T6/T | | Thread UN/UNF-2B T6 | Thread UN/UNF-2A T | C3 | D | D2 | C4 | L | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | PN (bar) | |
|-------------------|-----------|---------------------------|--------------------------|------|------|------|----|------|--------------------------------|----------------------|--------------------------------|----------|-----|
| mm | in. | | | mm | mm | mm | mm | mm | | | | S | SS |
| 6 | 1/4 | 7/16-20 | 9/16-18 | 14.3 | 4.4 | 4.4 | 16 | 24 | 26 | 4 LOHX6-S | 4LOHMX6SS | 500 | 350 |
| 8, 10 | 5/16, 3/8 | 9/16-18 | 11/16-16 | 17.5 | 6.7 | 6.7 | 19 | 30 | 40 | 6 LOHX6-S | 6LOHMX6SS | 350 | 350 |
| 12 | 1/2 | 3/4-16 | 13/16-16 | 22.2 | 9.5 | 9.5 | 22 | 34 | 63 | 8 LOHX6-S | 8LOHMX6SS | 350 | 350 |
| 14, 15, 16 | 5/8 | 7/8-14 | 1-14 | 25.4 | 12.3 | 12.3 | 27 | 39 | 103 | 10 LOHX6-S | 10LOHMX6SS | 350 | 350 |
| 18, 20 | 3/4 | 1 1/16-12 | 1 3/16-12 | 31.8 | 15.5 | 15.5 | 32 | 31.8 | 162 | 12 LOHX6-S | 12LOHMX6SS | 350 | 350 |
| 22, 25 | 1 | 1 5/16-12 | 1 7/16-12 | 38 | 20.5 | 20.5 | 38 | 46 | 229 | 16 LOHX6-S | 16LOHMX6SS | 250 | 250 |

Steel, stainless steel and brass Triple-Lok® parts are delivered with NBR elastomeric seals as standard. For more details on other seal materials see page K92.

Order codes shown are part of our current manufacturing programme.

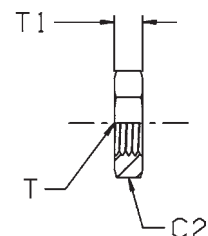
Imperial and metric parts may vary in hexagon dimensions.

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

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

WLNМ Bulkhead locknut

Bulkhead fitting locknut
SAE 080118 MS51860



| Thread UN/UNF-2B T | C2 mm | T1 mm | Weight (steel) g/1 piece | Triple-Lok® Steel | Triple-Lok® Stainless Steel | Triple-Lok® Brass |
|--------------------------|----------|----------|--------------------------------|----------------------|--------------------------------|----------------------|
| 3/8-24 | 17 | 6 | 9 | 3 WLN-S | | |
| 7/16-20 | 17 | 7 | 9 | 4WLNMS | 4WLNМSS | 4WLNMB |
| 1/2-20 | 19 | 7 | 9 | 5WLNMS | 5WLNМSS | 5WLNMB |
| 9/16-18 | 22 | 7 | 11 | 6WLNMS | 6WLNМSS | 6WLNMB |
| 3/4-16 | 24 | 8 | 18 | 8WLNMS | 8WLNМSS | 8WLNMB |
| 7/8-14 | 30 | 9 | 24 | 10WLNMS | 10WLNМSS | 10WLNMB |
| 1 1/16-12 | 36 | 10 | 42 | 12WLNMS | 12WLNМSS | 12WLNMB |
| 1 3/16-12 | 38 | 10 | 45 | 14 WLN-S | 14WLNМSS | 14WLNMB |
| 1 5/16-12 | 41 | 10 | 49 | 16WLNMS | 16WLNМSS | 16WLNMB |
| 1 5/8-12 | 50 | 10 | 50 | 20WLNMS | 20WLNМSS | 20WLNMB |
| 1 7/8-12 | 55 | 10 | 68 | 24WLNMS | 24WLNМSS | 24WLNMB |
| 2 1/2-12 | 70 | 10 | 80 | 32 WLN-S | | |

Order codes shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

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

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Spare parts guide – Triple-Lok® retaining rings and seals

BSPB male threads – ISO 1179

| BSPB Thread | ED seal Order code | | O-ring order code* | | O-ring ID × section mm | Retainer ring Order code Steel | Retainer ring Order code Stainless Steel | Copper washer Order code |
|-------------|--------------------|--------------|--------------------|--------------|------------------------|--------------------------------|--|--------------------------|
| | NBR | FKM | NBR | FKM | | | | |
| 1/8 | ED10X1X | ED10X1VITX | 6-002-N552-9 | 6-002-V894-9 | 8.00 × 2.00 | 8207-1/8 | 8207SS1/8 | - |
| 1/4 | ED14X1.5X | ED14X1.5VITX | 2-111-N552-9 | 2-111-V894-9 | 10.77 × 2.62 | 8207-1/4 | 8207SS1/4A | M25180 |
| 3/8 | ED3/8X | ED3/8VITX | 2-113-N552-9 | 2-113-V894-9 | 13.94 × 2.62 | 8207-3/8 | 8207SS3/8A | - |
| 1/2 | ED1/2X | ED1/2VITX | 5-256-N552-9 | 5-256-V894-9 | 17.96 × 2.62 | 8207-1/2 | 8207SS1/2 | M25182 |
| 3/4 | ED26X1.5X | ED26X1.5VITX | 2-119-N552-9 | 2-119-V894-9 | 23.47 × 2.62 | 8207-3/4 | 8207SS3/4 | - |
| 1 | ED33X2X | ED33X2VITX | 2-217-N552-9 | 2-217-V894-9 | 29.74 × 3.53 | 8207-1 | 8207SS1A | - |
| 1 1/4 | ED42X2X | ED42X2VITX | 2-222-N552-9 | 2-222-V894-9 | 37.69 × 3.53 | 8207-1-1/4 | 8207SS1 1/4 | - |
| 1 1/2 | ED48X2X | ED48X2VITX | 2-224-N552-9 | 2-224-V894-9 | 44.04 × 3.53 | 8207-1-1/2 | 8207SS1 1/2 | - |

Typical fittings using these parts: F42EDMX / F4OMX / C4OMX / V4OMX etc.

* Must be used with correct retainer ring

Metric male threads – ISO 9974

| Metric Thread | ED seal order code | | O-ring Order code* | | O-ring ID × section mm | Retainer ring Order code Steel | Retainer ring Order code Stainless Steel |
|---------------|--------------------|--------------|--------------------|--------------|------------------------|--------------------------------|--|
| | NBR | FKM | NBR | FKM | | | |
| M 10×1.0 | ED10X1X | ED10X1VITX | 6-074-N552-9 | 6-074-V894-9 | 8.00 × 1.50 | M10RR | RRM10X1SS |
| M 12×1.5 | ED12X1.5X | ED12x1.5VITX | 2-012-N552-9 | 2-012-V894-9 | 9.25 × 1.78 | M12RR | RRM12X1.5SS |
| M 14×1.5 | ED14X1.5X | ED14X1.5VITX | 2-013-N552-9 | 2-013-V894-9 | 10.82 × 1.78 | M14RR | RRM14X1.5SS |
| M 16×1.5 | ED16X1.5X | ED16X1.5VITX | 3-907-N552-9 | 3-907-V894-9 | 13.46 × 2.08 | M16RR | RRM16X1.5SS |
| M 18×1.5 | ED18X1.5X | ED18X1.5VITX | 2-114-N552-9 | 2-114-V894-9 | 15.54 × 2.62 | M18RR | RRM18X1.5SS |
| M 22×2.0 | ED22X1.5X | ED22X1.5VITX | 2-018-N552-9 | 2-018-V894-9 | 18.77 × 1.78 | M22RR | RRM22X1.5SS |
| M 27×2.0 | ED26X1.5X** | ED26X1.5VITX | 2-119-N552-9 | 2-119-V894-9 | 23.47 × 2.62 | M27RR | RRM27X2SS |
| M 33×2.0 | ED33X2X | ED33X2VITX | 2-122-N552-9 | 2-122-V894-9 | 28.24 × 2.62 | M33RR | RRM33X2SS |
| M 42×2.0 | ED42X2X | ED42X2VITX | 2-128-N552-9 | 2-128-V894-9 | 37.77 × 2.62 | M42RR | RRM42X2SS |
| M 48×2.0 | ED48X2X | ED48X2VITX | 2-132-N552-9 | 2-132-V894-9 | 44.12 × 2.62 | M48RR | RRM48X2SS |

Typical fittings using these parts: F82EDMX / F8OMX / C8OMX / V8OMX etc.

* Must be used with correct retainer ring

** Same seal used for M 26×1.5 and M 27×2.0 Threads

UN / UNF male threads – ISO 11926

| UN / UNF Thread | Dash size | O-ring Order code | | O-Ring ID × section (mm) |
|-----------------|-----------|-------------------|--------------|--------------------------|
| | | NBR | FKM | |
| 5/16-24 | 2 | 3-902-N552-9 | 3-902-V894-9 | 6.07 × 1.63 |
| 3/8-24 | 3 | 3-903-N552-9 | 3-903-V894-9 | 7.65 × 1.63 |
| 7/16-20 | 4 | 3-904-N552-9 | 3-904-V894-9 | 8.92 × 1.83 |
| 1/2-20 | 5 | 3-905-N552-9 | 3-905-V894-9 | 10.52 × 1.83 |
| 9/16-18 | 6 | 3-906-N552-9 | 3-906-V894-9 | 11.89 × 1.98 |
| 3/4-16 | 8 | 3-908-N552-9 | 3-908-V894-9 | 16.36 × 2.21 |
| 7/8-14 | 10 | 3-910-N552-9 | 3-910-V894-9 | 19.18 × 2.46 |
| 1 1/16-12 | 12 | 3-912-N552-9 | 3-912-V894-9 | 23.47 × 2.95 |
| 1 3/16-12 | 14 | 3-914-N552-9 | 3-914-V894-9 | 26.59 × 2.95 |
| 1 5/16-12 | 16 | 3-916-N552-9 | 3-916-V894-9 | 29.74 × 2.95 |
| 1 5/8-12 | 20 | 3-920-N552-9 | 3-920-V894-9 | 37.47 × 3.00 |
| 1 7/8-12 | 24 | 3-924-N552-9 | 3-924-V894-9 | 43.69 × 3.00 |
| 2 1/2-12 | 32 | 3-932-N552-9 | 3-932-V894-9 | 59.36 × 3.00 |

Typical fittings using these parts: F5OMX / C5OMX / R5OMX etc.

Metric male threads – ISO 6149

| Metric Thread | O-ring Order code | | O-Ring ID × section (mm) |
|---------------|-------------------|--------------|--------------------------|
| | NBR | FKM | |
| M 10×1.0 | 6-345-N552-9 | 6-345-V894-9 | 8.20 × 1.50 |
| M 12×1.5 | 6-346-N552-9 | 6-346-V894-9 | 9.40 × 2.10 |
| M 14×1.5 | 6-347-N552-9 | 6-347-V894-9 | 11.40 × 2.10 |
| M 16×1.5 | 6-348-N552-9 | 6-348-V894-9 | 13.40 × 2.10 |
| M 18×1.5 | 6-349-N552-9 | 6-349-V894-9 | 15.40 × 2.10 |
| M 22×1.5 | 6-350-N552-9 | 6-350-V894-9 | 19.40 × 2.10 |
| M 27×2.0 | 6-351-N552-9 | 6-351-V894-9 | 23.70 × 2.80 |
| M 33×2.0 | 6-352-N552-9 | 6-352-V894-9 | 29.70 × 2.80 |
| M 42×2.0 | 6-353-N552-9 | 6-353-V894-9 | 38.70 × 2.80 |
| M 48×2.0 | 6-354-N552-9 | 6-354-V894-9 | 46.70 × 2.80 |

Typical fittings using these parts: F87OMX / S87OMX etc.

Other seal compounds available on request for alternative applications