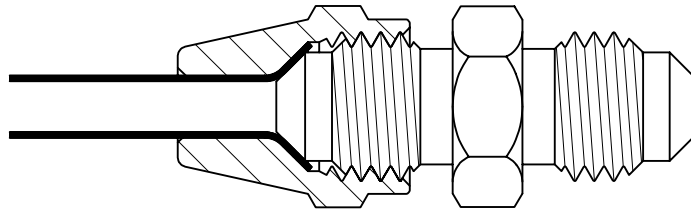


45° Flare

**F
L
A
R
E**



TITON Flare Fittings are manufactured especially with hazardous liquids and gasses in mind. They are available in sizes ranging from 1/8" to 3/4", and are manufactured from high quality DZR grade brass alloy . All flare fittings conform to the following standards: AS D26, AS3688, AG 601-1995, NZG 1993/76.

ADVANTAGES

May be assembled/disassembled numerous times. When used with the appropriate tubing, they can withstand high pressures. For improved resistance to mechanical vibration, the Long Flare Nut may be used.

APPLICATIONS

Use with copper, brass, aluminium, and flareable steel pipe. Install where medium to high pressures are encountered. Flare Fittings, when used with the Long Flare Nut, provide good resistance to vibration. Ideal for use with fuel, oil, air, water and Natural Gas lines. In Applications where temperatures extremes are encountered we recommend the use of stress-relieved fittings. Please contact our technical sales department for more information.

WORKING PRESSURES

TITON Flare Fittings are able to withstand high pressures, use the table below as a guideline. Usually, pressures are determined by the pipe used, rather than the Flare Fitting.

SPECIAL SIZES

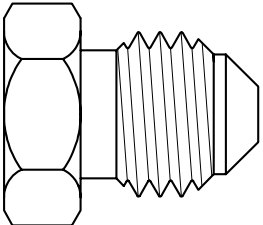
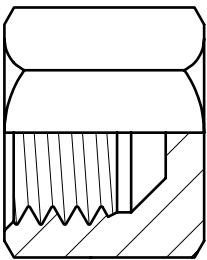
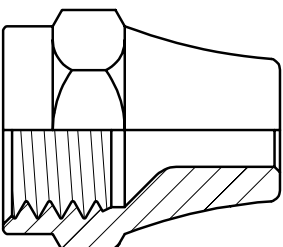
Other sizes not specified are available upon request.

ASSEMBLY

- I. Slide nut, tapered end first, onto tubing.
- II. Using a 45° flaring tool, flare end of tube until flare just fits inside nut. (On thin wall tubing it is recommended a double flare is used to prevent pinch off.)
- III. Assemble to fitting body. Nut should be tightened hand tight.
- IV. Using a wrench, tighten until a leak-proof, metal to metal joint is achieved. To avoid premature failure of the fitting, do not over-tighten.

| Tube Size | Hydraulic kPa [PSI] | Pneumatic kPa [PSI] |
|-----------|---------------------|---------------------|
| 1/8 | 17250 [2500] | 4800 [700] |
| 3/16 | 17250 [2500] | 4800 [700] |
| 1/4 | 13750 [2000] | 4800 [700] |
| 5/16 | 13750 [2000] | 4800 [700] |
| 3/8 | 10400 [1500] | 2750 [400] |
| 1/2 | 7000 [1020] | 1750 [250] |
| 5/8 | 7000 [1020] | 1750 [250] |
| 3/4 | 7000 [1020] | 1750 [250] |

45° Flare

| <p>39P</p>  | <p style="text-align: center;">Flare Plug</p> <table border="1"> <thead> <tr> <th>Part Number</th> <th>Standard Pack</th> <th>Tube</th> <th>Pipe Thread</th> <th>Price Per Piece</th> </tr> </thead> <tbody> <tr> <td>39P04</td> <td>5</td> <td>1/4</td> <td>-</td> <td></td> </tr> <tr> <td>39P05</td> <td>5</td> <td>5/16</td> <td>-</td> <td></td> </tr> <tr> <td>39P06</td> <td>5</td> <td>3/8</td> <td>-</td> <td></td> </tr> <tr> <td>39P08</td> <td>5</td> <td>1/2</td> <td>-</td> <td></td> </tr> <tr> <td>39P10</td> <td>5</td> <td>5/8</td> <td>-</td> <td></td> </tr> </tbody> </table> | Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | 39P04 | 5 | 1/4 | - | | 39P05 | 5 | 5/16 | - | | 39P06 | 5 | 3/8 | - | | 39P08 | 5 | 1/2 | - | | 39P10 | 5 | 5/8 | - | | | | | | | | | | | | | | | | |
|---|--|-------------|---------------|-----------------|-------------|-----------------|-------|----|-----|---|--|-------|----|------|---|--|-------|----|-----|---|--|-------|----|------|---|--|-------|----|-----|---|--|-------|----|-----|---|--|-------|----|-----|---|--|-------|----|-----|---|--|
| Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39P04 | 5 | 1/4 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39P05 | 5 | 5/16 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39P06 | 5 | 3/8 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39P08 | 5 | 1/2 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39P10 | 5 | 5/8 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>40C</p>  | <p style="text-align: center;">Flare Cap</p> <table border="1"> <thead> <tr> <th>Part Number</th> <th>Standard Pack</th> <th>Tube</th> <th>Pipe Thread</th> <th>Price Per Piece</th> </tr> </thead> <tbody> <tr> <td>40C04</td> <td>5</td> <td>1/4</td> <td>-</td> <td></td> </tr> <tr> <td>40C05</td> <td>5</td> <td>5/16</td> <td>-</td> <td></td> </tr> <tr> <td>40C06</td> <td>5</td> <td>3/8</td> <td>-</td> <td></td> </tr> <tr> <td>40C08</td> <td>5</td> <td>1/2</td> <td>-</td> <td></td> </tr> </tbody> </table> | Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | 40C04 | 5 | 1/4 | - | | 40C05 | 5 | 5/16 | - | | 40C06 | 5 | 3/8 | - | | 40C08 | 5 | 1/2 | - | | | | | | | | | | | | | | | | | | | | | |
| Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40C04 | 5 | 1/4 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40C05 | 5 | 5/16 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40C06 | 5 | 3/8 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40C08 | 5 | 1/2 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>41S</p>  | <p style="text-align: center;">Short Flare Nut</p> <table border="1"> <thead> <tr> <th>Part Number</th> <th>Standard Pack</th> <th>Tube</th> <th>Pipe Thread</th> <th>Price Per Piece</th> </tr> </thead> <tbody> <tr> <td>41S02</td> <td>50</td> <td>1/8</td> <td>-</td> <td></td> </tr> <tr> <td>41S03</td> <td>50</td> <td>3/16</td> <td>-</td> <td></td> </tr> <tr> <td>41S04</td> <td>50</td> <td>1/4</td> <td>-</td> <td></td> </tr> <tr> <td>41S05</td> <td>50</td> <td>5/16</td> <td>-</td> <td></td> </tr> <tr> <td>41S06</td> <td>25</td> <td>3/8</td> <td>-</td> <td></td> </tr> <tr> <td>41S08</td> <td>20</td> <td>1/2</td> <td>-</td> <td></td> </tr> <tr> <td>41S10</td> <td>10</td> <td>5/8</td> <td>-</td> <td></td> </tr> <tr> <td>41S12</td> <td>10</td> <td>3/4</td> <td>-</td> <td></td> </tr> </tbody> </table> | Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | 41S02 | 50 | 1/8 | - | | 41S03 | 50 | 3/16 | - | | 41S04 | 50 | 1/4 | - | | 41S05 | 50 | 5/16 | - | | 41S06 | 25 | 3/8 | - | | 41S08 | 20 | 1/2 | - | | 41S10 | 10 | 5/8 | - | | 41S12 | 10 | 3/4 | - | |
| Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41S02 | 50 | 1/8 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41S03 | 50 | 3/16 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41S04 | 50 | 1/4 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41S05 | 50 | 5/16 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41S06 | 25 | 3/8 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41S08 | 20 | 1/2 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41S10 | 10 | 5/8 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41S12 | 10 | 3/4 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

45° Flare

| Long Flare Nut | | | | | 41 |
|--|---------------|------|-------------|-----------------|----|
| Offers Improved Resistance To Vibration. | | | | | |
| Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | |
| 4102 | 25 | 1/8 | - | | |
| 4103 | 25 | 3/16 | - | | |
| 4104 | 25 | 1/4 | - | | |
| 4105 | 25 | 5/16 | - | | |
| 4106 | 25 | 3/8 | - | | |
| 4108 | 20 | 1/2 | - | | |
| 4110 | 10 | 5/8 | - | | |
| 4112 | 10 | 3/4 | - | | |

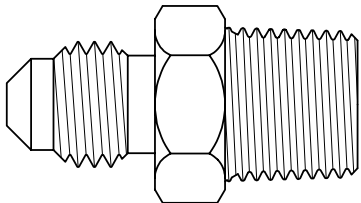
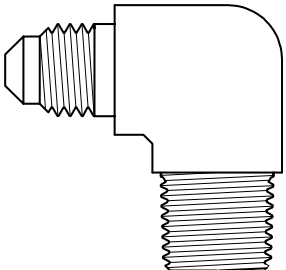
| Double Flare Union | | | | | 42 |
|--------------------------------|---------------|------|-------------|-----------------|----|
| For Reducing Unions See No 58. | | | | | |
| Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | |
| 4202 | 20 | 1/8 | - | | |
| 4203 | 20 | 3/16 | - | | |
| 4204 | 25 | 1/4 | - | | |
| 4205 | 25 | 5/16 | - | | |
| 4206 | 25 | 3/8 | - | | |
| 4208 | 10 | 1/2 | - | | |
| 4210 | 10 | 5/8 | - | | |
| 4212 | 10 | 3/4 | - | | |

| Flare Tee | | | | | 44 |
|-------------|---------------|------|-------------|-----------------|----|
| | | | | | |
| Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | |
| 4402 | 10 | 1/8 | - | | |
| 4403 | 10 | 3/16 | - | | |
| 4404 | 10 | 1/4 | - | | |
| 4405 | 10 | 5/16 | - | | |
| 4406 | 10 | 3/8 | - | | |
| 4408 | 10 | 1/2 | - | | |
| 4410 | 10 | 5/8 | - | | |
| 4412 | 10 | 3/4 | - | | |

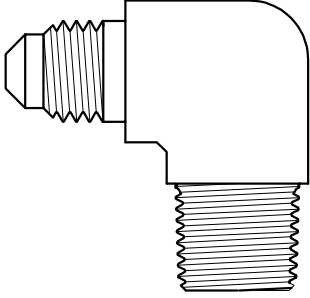
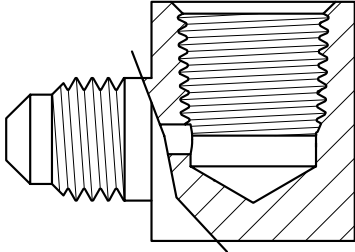
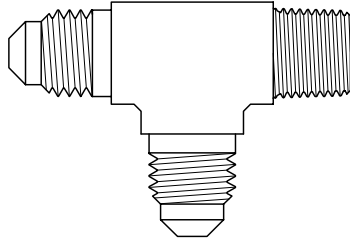
45° Flare

| 45 | Flare Male Branch Tee | | | | |
|--------|------------------------|---------------|----------|-------------|-----------------|
| | Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece |
| | 450202 | 10 | 1/8 | 1/8 BSPT | |
| | 450302 | 10 | 3/16 | 1/8 BSPT | |
| | 450402 | 10 | 1/4 | 1/8 BSPT | |
| | 450404 | 10 | 1/4 | 1/4 BSPT | |
| | 450502 | 10 | 5/16 | 1/8 BSPT | |
| | 450604 | 10 | 3/8 | 1/4 BSPT | |
| | 450806 | 10 | 1/2 | 3/8 BSPT | |
| 46 | Flare Female Connector | | | | |
| | Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece |
| | 480202 | 20 | 1/8 | 1/8 BSPT | |
| | 480302 | 20 | 3/16 | 1/8 BSPT | |
| | 480304 | - | 3/16 | 1/4 BSPT | |
| | 480402 | 20 | 1/4 | 1/8 BSPT | |
| | 480404 | 20 | 1/4 | 1/4 BSPT | |
| | 480406 | 20 | 1/4 | 3/8 BSPT | |
| | 480408 | 20 | 1/4 | 1/2 BSPT | |
| | 480502 | 20 | 5/16 | 1/8 BSPT | |
| | 480504 | 20 | 5/16 | 1/4 BSPT | |
| | 480506 | 20 | 5/16 | 3/8 BSPT | |
| | 480508 | - | 5/16 | 1/2 BSPT | |
| | 480602 | 20 | 3/8 | 1/8 BSPT | |
| | 480604 | 20 | 3/8 | 1/4 BSPT | |
| | 480606 | 20 | 3/8 | 3/8 BSPT | |
| | 480608 | 20 | 3/8 | 1/2 BSPT | |
| | 480612 | 10 | 3/8 | 3/4 BSPT | |
| | 480804 | 20 | 1/2 | 1/4 BSPT | |
| | 480806 | 10 | 1/2 | 3/8 BSPT | |
| | 480808 | 10 | 1/2 | 1/2 BSPT | |
| | 480812 | - | 1/2 | 3/4 BSPT | |
| | 481006 | 5 | 5/8 | 3/8 BSPT | |
| | 481008 | 5 | 5/8 | 1/2 BSPT | |
| 481012 | 5 | 5/8 | 3/4 BSPT | | |
| 481208 | 5 | 3/4 | 1/2 BSPT | | |
| 481212 | 5 | 3/4 | 3/4 BSPT | | |

45° Flare

| Flare Male Connector | | | | | 48 |
|----------------------|---------------|------|-------------|-----------------|---|
| Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece |  |
| 480202 | 20 | 1/8 | 1/8 BSPT | | |
| 480302 | 20 | 3/16 | 1/8 BSPT | | |
| 480304 | - | 3/16 | 1/4 BSPT | | |
| 480402 | 20 | 1/4 | 1/8 BSPT | | |
| 480404 | 20 | 1/4 | 1/4 BSPT | | |
| 480406 | 20 | 1/4 | 3/8 BSPT | | |
| 480408 | 20 | 1/4 | 1/2 BSPT | | |
| 480502 | 20 | 5/16 | 1/8 BSPT | | |
| 480504 | 20 | 5/16 | 1/4 BSPT | | |
| 480506 | 20 | 5/16 | 3/8 BSPT | | |
| 480508 | - | 5/16 | 1/2 BSPT | | |
| 480602 | 20 | 3/8 | 1/8 BSPT | | |
| 480604 | 20 | 3/8 | 1/4 BSPT | | |
| 480606 | 20 | 3/8 | 3/8 BSPT | | |
| 480608 | 20 | 3/8 | 1/2 BSPT | | |
| 480612 | 10 | 3/8 | 3/4 BSPT | | |
| 480804 | 20 | 1/2 | 1/4 BSPT | | |
| 480806 | 10 | 1/2 | 3/8 BSPT | | |
| 480808 | 10 | 1/2 | 1/2 BSPT | | |
| 480812 | - | 1/2 | 3/4 BSPT | | |
| 481006 | 5 | 5/8 | 3/8 BSPT | | |
| 481008 | 5 | 5/8 | 1/2 BSPT | | |
| 481012 | 5 | 5/8 | 3/4 BSPT | | |
| 481208 | 5 | 3/4 | 1/2 BSPT | | |
| 481212 | 5 | 3/4 | 3/4 BSPT | | |
| Flare Male Elbow | | | | | 49 |
| Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece |  |
| 490202 | 20 | 1/8 | 1/8 BSPT | | |
| 490302 | 20 | 3/16 | 1/8 BSPT | | |
| 490402 | 25 | 1/4 | 1/8 BSPT | | |
| 490404 | 25 | 1/4 | 1/4 BSPT | | |
| 490406 | 25 | 1/4 | 3/8 BSPT | | |
| 490502 | 25 | 5/16 | 1/8 BSPT | | |
| 490504 | 25 | 5/16 | 1/4 BSPT | | |
| 490506 | 25 | 5/16 | 3/8 BSPT | | |

45° Flare

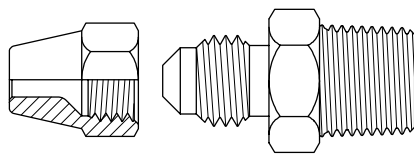
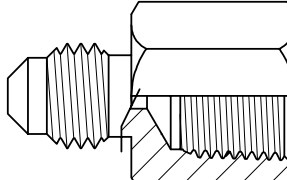
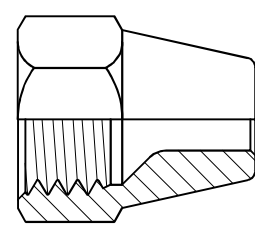
| <p>...Continued from previous page</p> <p>49</p>  | <p style="text-align: center;">Flare Male Elbow</p> <table border="1"> <thead> <tr> <th>Part Number</th> <th>Standard Pack</th> <th>Tube</th> <th>Pipe Thread</th> <th>Price Per Piece</th> </tr> </thead> <tbody> <tr> <td>490602</td> <td>20</td> <td>3/8</td> <td>1/8 BSPT</td> <td></td> </tr> <tr> <td>490604</td> <td>20</td> <td>3/8</td> <td>1/4 BSPT</td> <td></td> </tr> <tr> <td>490606</td> <td>10</td> <td>3/8</td> <td>3/8 BSPT</td> <td></td> </tr> <tr> <td>490608</td> <td>10</td> <td>3/8</td> <td>1/2 BSPT</td> <td></td> </tr> <tr> <td>490804</td> <td>10</td> <td>1/2</td> <td>1/4 BSPT</td> <td></td> </tr> <tr> <td>490806</td> <td>10</td> <td>1/2</td> <td>3/8 BSPT</td> <td></td> </tr> <tr> <td>490808</td> <td>10</td> <td>1/2</td> <td>1/2 BSPT</td> <td></td> </tr> <tr> <td>491008</td> <td>5</td> <td>5/8</td> <td>1/2 BSPT</td> <td></td> </tr> <tr> <td>491208</td> <td>5</td> <td>3/4</td> <td>1/2 BSPT</td> <td></td> </tr> </tbody> </table> | Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | 490602 | 20 | 3/8 | 1/8 BSPT | | 490604 | 20 | 3/8 | 1/4 BSPT | | 490606 | 10 | 3/8 | 3/8 BSPT | | 490608 | 10 | 3/8 | 1/2 BSPT | | 490804 | 10 | 1/2 | 1/4 BSPT | | 490806 | 10 | 1/2 | 3/8 BSPT | | 490808 | 10 | 1/2 | 1/2 BSPT | | 491008 | 5 | 5/8 | 1/2 BSPT | | 491208 | 5 | 3/4 | 1/2 BSPT | |
|---|---|-------------|---------------|-----------------|-------------|-----------------|--------|----|-----|----------|--|--------|----|------|----------|--|--------|----|-----|----------|--|--------|----|-----|----------|--|--------|----|-----|----------|--|--------|----|-----|----------|--|--------|----|-----|----------|--|--------|---|-----|----------|--|--------|---|-----|----------|--|
| Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 490602 | 20 | 3/8 | 1/8 BSPT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 490604 | 20 | 3/8 | 1/4 BSPT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 490606 | 10 | 3/8 | 3/8 BSPT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 490608 | 10 | 3/8 | 1/2 BSPT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 490804 | 10 | 1/2 | 1/4 BSPT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 490806 | 10 | 1/2 | 3/8 BSPT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 490808 | 10 | 1/2 | 1/2 BSPT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 491008 | 5 | 5/8 | 1/2 BSPT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 491208 | 5 | 3/4 | 1/2 BSPT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>50</p>  | <p style="text-align: center;">Flare Female Elbow</p> <table border="1"> <thead> <tr> <th>Part Number</th> <th>Standard Pack</th> <th>Tube</th> <th>Pipe Thread</th> <th>Price Per Piece</th> </tr> </thead> <tbody> <tr> <td>500402</td> <td>1</td> <td>1/4</td> <td>1/8 BSPP</td> <td></td> </tr> <tr> <td>500502</td> <td>1</td> <td>5/16</td> <td>1/8 BSPP</td> <td></td> </tr> <tr> <td>500604</td> <td>1</td> <td>3/8</td> <td>1/4 BSPP</td> <td></td> </tr> <tr> <td>500806</td> <td>1</td> <td>1/2</td> <td>3/8 BSPP</td> <td></td> </tr> </tbody> </table> | Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | 500402 | 1 | 1/4 | 1/8 BSPP | | 500502 | 1 | 5/16 | 1/8 BSPP | | 500604 | 1 | 3/8 | 1/4 BSPP | | 500806 | 1 | 1/2 | 3/8 BSPP | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 500402 | 1 | 1/4 | 1/8 BSPP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 500502 | 1 | 5/16 | 1/8 BSPP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 500604 | 1 | 3/8 | 1/4 BSPP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 500806 | 1 | 1/2 | 3/8 BSPP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>51</p>  | <p style="text-align: center;">Flare Male Run Tee</p> <table border="1"> <thead> <tr> <th>Part Number</th> <th>Standard Pack</th> <th>Tube</th> <th>Pipe Thread</th> <th>Price Per Piece</th> </tr> </thead> <tbody> <tr> <td>510402</td> <td>1</td> <td>1/4</td> <td>1/8 BSPT</td> <td></td> </tr> <tr> <td>510604</td> <td>1</td> <td>3/8</td> <td>1/4 BSPT</td> <td></td> </tr> <tr> <td>510806</td> <td>1</td> <td>1/2</td> <td>3/8 BSPT</td> <td></td> </tr> </tbody> </table> | Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | 510402 | 1 | 1/4 | 1/8 BSPT | | 510604 | 1 | 3/8 | 1/4 BSPT | | 510806 | 1 | 1/2 | 3/8 BSPT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 510402 | 1 | 1/4 | 1/8 BSPT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 510604 | 1 | 3/8 | 1/4 BSPT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 510806 | 1 | 1/2 | 3/8 BSPT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

45° Flare

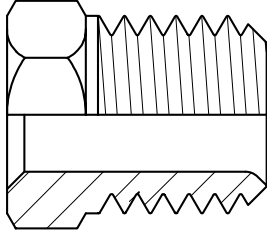
FLARE

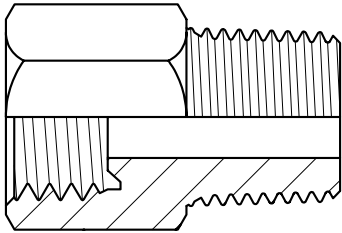
| Flare 90° Elbow | | | | | 55 |
|---|---------------|------|-------------|-----------------|----|
| Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | |
| 5502 | 10 | 1/8 | - | | |
| 5503 | 10 | 3/16 | - | | |
| 5504 | 10 | 1/4 | - | | |
| 5505 | 10 | 5/16 | - | | |
| 5506 | 10 | 3/8 | - | | |
| 5508 | 10 | 1/2 | - | | |
| 5510 | 10 | 5/8 | - | | |
| Reducing Flare Union For Double Flare Unions See No 42. | | | | | |
| Part Number | Standard Pack | Tube | Tube | Price Per Piece | |
| 580403 | 10 | 1/4 | 3/16 | | |
| 580504 | 10 | 5/16 | 1/4 | | |
| 580604 | 10 | 3/8 | 1/4 | | |
| 580605 | 10 | 3/8 | 5/16 | | |
| 580806 | 10 | 1/2 | 3/8 | | |
| | | | | | |

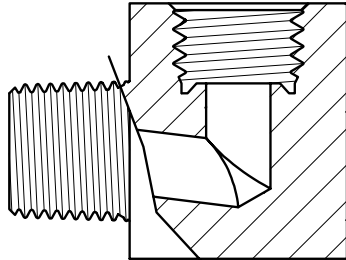
45° Gas Flare

| <p style="font-size: 24pt; font-weight: bold; margin-bottom: 10px;">GFC</p>  | <p style="text-align: center; font-weight: bold; margin-bottom: 5px;">Gas Flare Assembly</p> <p style="text-align: center; font-size: 10pt;">Consists of GFN Nut and GFM Connector</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr style="background-color: #e0e0e0;"> <th style="text-align: left; font-size: 8pt;">Part Number</th> <th style="text-align: center; font-size: 8pt;">Standard Pack</th> <th style="text-align: center; font-size: 8pt;">Tube</th> <th style="text-align: center; font-size: 8pt;">Pipe Thread</th> <th style="text-align: center; font-size: 8pt;">Price Per Piece</th> </tr> </thead> <tbody> <tr> <td style="font-size: 8pt;">GFC1006</td> <td style="text-align: center; font-size: 8pt;">10</td> <td style="text-align: center; font-size: 8pt;">10 mm</td> <td style="text-align: center; font-size: 8pt;">3/8 BSPT</td> <td></td> </tr> <tr> <td style="font-size: 8pt;">GFC1008</td> <td style="text-align: center; font-size: 8pt;">10</td> <td style="text-align: center; font-size: 8pt;">10 mm</td> <td style="text-align: center; font-size: 8pt;">1/2 BSPT</td> <td></td> </tr> <tr> <td style="font-size: 8pt;">GFC1508</td> <td style="text-align: center; font-size: 8pt;">10</td> <td style="text-align: center; font-size: 8pt;">15 mm</td> <td style="text-align: center; font-size: 8pt;">1/2 BSPT</td> <td></td> </tr> <tr> <td style="font-size: 8pt;">GFC2012</td> <td style="text-align: center; font-size: 8pt;">10</td> <td style="text-align: center; font-size: 8pt;">20 mm</td> <td style="text-align: center; font-size: 8pt;">3/4 BSPT</td> <td></td> </tr> </tbody> </table> | Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | GFC1006 | 10 | 10 mm | 3/8 BSPT | | GFC1008 | 10 | 10 mm | 1/2 BSPT | | GFC1508 | 10 | 15 mm | 1/2 BSPT | | GFC2012 | 10 | 20 mm | 3/4 BSPT | |
|--|---|-------------|---------------|-----------------|-------------|-----------------|---------|----|-------|----------|--|---------|----|-------|----------|--|---------|----|-------|----------|--|---------|----|-------|----------|--|
| Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | | | | | | | | | | | | | | | | | | | | | | |
| GFC1006 | 10 | 10 mm | 3/8 BSPT | | | | | | | | | | | | | | | | | | | | | | | |
| GFC1008 | 10 | 10 mm | 1/2 BSPT | | | | | | | | | | | | | | | | | | | | | | | |
| GFC1508 | 10 | 15 mm | 1/2 BSPT | | | | | | | | | | | | | | | | | | | | | | | |
| GFC2012 | 10 | 20 mm | 3/4 BSPT | | | | | | | | | | | | | | | | | | | | | | | |
| <p style="font-size: 24pt; font-weight: bold; margin-bottom: 10px;">GFF</p>  <p style="font-weight: bold; margin-top: 10px; font-size: 10pt;">Stress Relieved</p> | <p style="text-align: center; font-weight: bold; margin-bottom: 5px;">Gas Flare Female Connector</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr style="background-color: #e0e0e0;"> <th style="text-align: left; font-size: 8pt;">Part Number</th> <th style="text-align: center; font-size: 8pt;">Standard Pack</th> <th style="text-align: center; font-size: 8pt;">Tube</th> <th style="text-align: center; font-size: 8pt;">Pipe Thread</th> <th style="text-align: center; font-size: 8pt;">Price Per Piece</th> </tr> </thead> <tbody> <tr> <td style="font-size: 8pt;">GFF1508</td> <td style="text-align: center; font-size: 8pt;">10</td> <td style="text-align: center; font-size: 8pt;">15 mm</td> <td style="text-align: center; font-size: 8pt;">1/2 BSPT</td> <td></td> </tr> <tr> <td style="font-size: 8pt;">GFF2012</td> <td style="text-align: center; font-size: 8pt;">10</td> <td style="text-align: center; font-size: 8pt;">20 mm</td> <td style="text-align: center; font-size: 8pt;">3/4 BSPT</td> <td></td> </tr> </tbody> </table> | Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | GFF1508 | 10 | 15 mm | 1/2 BSPT | | GFF2012 | 10 | 20 mm | 3/4 BSPT | | | | | | | | | | | |
| Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | | | | | | | | | | | | | | | | | | | | | | |
| GFF1508 | 10 | 15 mm | 1/2 BSPT | | | | | | | | | | | | | | | | | | | | | | | |
| GFF2012 | 10 | 20 mm | 3/4 BSPT | | | | | | | | | | | | | | | | | | | | | | | |
| <p style="font-size: 24pt; font-weight: bold; margin-bottom: 10px;">GFN</p>  <p style="font-weight: bold; margin-top: 10px; font-size: 10pt;">Stress Relieved</p> | <p style="text-align: center; font-weight: bold; margin-bottom: 5px;">Gas Flare Nut</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr style="background-color: #e0e0e0;"> <th style="text-align: left; font-size: 8pt;">Part Number</th> <th style="text-align: center; font-size: 8pt;">Standard Pack</th> <th style="text-align: center; font-size: 8pt;">Tube</th> <th style="text-align: center; font-size: 8pt;">Pipe Thread</th> <th style="text-align: center; font-size: 8pt;">Price Per Piece</th> </tr> </thead> <tbody> <tr> <td style="font-size: 8pt;">GFN10</td> <td style="text-align: center; font-size: 8pt;">10</td> <td style="text-align: center; font-size: 8pt;">10 mm</td> <td style="text-align: center; font-size: 8pt;">-</td> <td></td> </tr> <tr> <td style="font-size: 8pt;">GFN15</td> <td style="text-align: center; font-size: 8pt;">10</td> <td style="text-align: center; font-size: 8pt;">15 mm</td> <td style="text-align: center; font-size: 8pt;">-</td> <td></td> </tr> <tr> <td style="font-size: 8pt;">GFN20</td> <td style="text-align: center; font-size: 8pt;">10</td> <td style="text-align: center; font-size: 8pt;">20 mm</td> <td style="text-align: center; font-size: 8pt;">-</td> <td></td> </tr> </tbody> </table> | Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | GFN10 | 10 | 10 mm | - | | GFN15 | 10 | 15 mm | - | | GFN20 | 10 | 20 mm | - | | | | | | |
| Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | | | | | | | | | | | | | | | | | | | | | | |
| GFN10 | 10 | 10 mm | - | | | | | | | | | | | | | | | | | | | | | | | |
| GFN15 | 10 | 15 mm | - | | | | | | | | | | | | | | | | | | | | | | | |
| GFN20 | 10 | 20 mm | - | | | | | | | | | | | | | | | | | | | | | | | |

45° Inverted Flare

| Inverted Flare Nut | | | | | 105 |  |
|--------------------|---------------|------|-------------|-----------------|-----|---|
| Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | | |
| 10502 | 20 | 1/8 | - | | | |
| 10503 | 20 | 3/16 | - | | | |
| 10504 | 20 | 1/4 | - | | | |
| 10505 | 20 | 5/16 | - | | | |
| 10506 | 20 | 3/8 | - | | | |
| 10508 | 10 | 1/2 | - | | | |

| Inverted Flare Male Connector | | | | | 200 |  |
|-------------------------------|---------------|------|-------------|-----------------|-----|---|
| Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | | |
| 2000302 | 20 | 3/16 | 1/8 BSPT | | | |
| 2000402 | 20 | 1/4 | 1/8 BSPT | | | |
| 2000404 | 20 | 1/4 | 1/4 BSPT | | | |
| 2000502 | 20 | 5/16 | 1/8 BSPT | | | |
| 2000504 | 20 | 5/16 | 1/4 BSPT | | | |
| 2000604 | 10 | 3/8 | 1/4 BSPT | | | |
| 2000806 | 10 | 1/2 | 3/8 BSPT | | | |

| Inverted Flare Male Elbow | | | | | 400 |  |
|---------------------------|---------------|------|-------------|-----------------|-----|---|
| Part Number | Standard Pack | Tube | Pipe Thread | Price Per Piece | | |
| 4000202 | 10 | 1/8 | 1/8 BSPT | | | |
| 4000302 | 10 | 3/16 | 1/8 BSPT | | | |
| 4000402 | 20 | 1/4 | 1/8 BSPT | | | |
| 4000404 | 20 | 1/4 | 1/4 BSPT | | | |
| 4000502 | 20 | 5/16 | 1/8 BSPT | | | |
| 4000504 | 20 | 5/16 | 1/4 BSPT | | | |
| 4000604 | 10 | 3/8 | 1/4 BSPT | | | |
| 4000606 | 10 | 3/8 | 3/8 BSPT | | | |
| 4000806 | 10 | 1/2 | 3/8 BSPT | | | |



To:
 IMI TITON LTD
 305 NEILSON STREET
 ONEHUNGA, AUCKLAND 6
 Ph: (09) 634-2894
 Fax: (09) 634-0030
 Email: sales@titon.co.nz

From:

ORDER No: _____ Date: _____

| Flare Plug | | |
|--------------------|-------|------|
| Size | Order | Pack |
| 39P04 | | 5 |
| 39P05 | | 5 |
| 39P06 | | 5 |
| 39P08 | | 5 |
| 39P10 | | 5 |
| Flare Cap | | |
| 40C04 | | 5 |
| 40C05 | | 5 |
| 40C06 | | 5 |
| 40C08 | | 5 |
| Standard Flare Nut | | |
| 41S02 | | 50 |
| 41S03 | | 50 |
| 41S04 | | 50 |
| 41S05 | | 50 |
| 41S06 | | 25 |
| 41S08 | | 20 |
| 41S10 | | 10 |
| 41S12 | | 10 |
| Long Flare Nut | | |
| 4102 | | 25 |
| 4103 | | 25 |
| 4104 | | 25 |
| 4105 | | 25 |
| 4106 | | 25 |
| 4108 | | 20 |
| 4110 | | 10 |
| 4112 | | 10 |
| Flare Union | | |
| 4202 | | 20 |
| 4203 | | 20 |
| 4204 | | 25 |
| 4205 | | 25 |
| 4206 | | 25 |
| 4208 | | 10 |
| 4210 | | 10 |
| 4212 | | 10 |

| Flare Tee | | |
|------------------|-------|------|
| Size | Order | Pack |
| 4402 | | 10 |
| 4403 | | 10 |
| 4404 | | 10 |
| 4405 | | 10 |
| 4406 | | 10 |
| 4410 | | 10 |
| 4412 | | 10 |
| F.M.B. Tee | | |
| 450202 | | 10 |
| 450302 | | 10 |
| 450402 | | 10 |
| 450404 | | 10 |
| 450502 | | 10 |
| 450604 | | 10 |
| 450806 | | 10 |
| Female Connector | | |
| 460602 | | 10 |
| 460302 | | 10 |
| 460402 | | 10 |
| 460404 | | 10 |
| 460406 | | 10 |
| 460502 | | 10 |
| 460504 | | 10 |
| 460602 | | 10 |
| 460604 | | 10 |
| 460606 | | 10 |
| 460608 | | 10 |
| 460804 | | 10 |
| 460806 | | 10 |
| 460808 | | 10 |
| 461208 | | 10 |
| Male Connector | | |
| 480202 | | 20 |
| 480302 | | 20 |
| 480304 | | 10 |
| 480402 | | 20 |
| 480404 | | 20 |

| F.F. Elbow | | |
|-----------------|-------|------|
| Size | Order | Pack |
| 500402 | | 1 |
| 500502 | | 1 |
| 500604 | | 1 |
| 500806 | | 1 |
| F.M.R. Tee | | |
| 510402 | | 1 |
| 510604 | | 1 |
| 510806 | | 1 |
| Flare 90° Elbow | | |
| 5502 | | 10 |
| 5503 | | 10 |
| 5504 | | 10 |
| 5505 | | 10 |
| 5506 | | 10 |
| 5508 | | 10 |
| 5510 | | 10 |
| Reducing Union | | |
| 580403 | | 10 |
| 580504 | | 10 |
| 580604 | | 10 |
| 580605 | | 10 |
| 580806 | | 10 |
| G.F.C. | | |
| GFC1006 | | 10 |
| GFC1008 | | 10 |
| GFC1508 | | 10 |
| GFC2012 | | 10 |
| G.F.F. | | |
| GFF1508 | | 10 |
| GFF2012 | | 10 |
| G.F.N. | | |
| GFN10 | | 10 |
| GFN15 | | 10 |
| GFN20 | | 10 |
| | | |
| | | |
| | | |