Hose Barb Fittings

• For Lead Free AB1953 Compliant Fittings
  see pages 166-175

• Temperature and Working Pressure Ranges
  From -40°F to +160°F at 150 PSI maximum.

• Tolerance
  +/- .02 on all dimensions. Dimension Data can change
  without notice. Please call us when dimensions are criti-
  cal.

• Material
  CA360 Brass for Barstock fittings.
  CA377 Brass for Forged fittings.

Note: These fittings are intended for use with hose clamp,
similar type clamp or a crimped ferrule.

• Assembly Instructions
  1- Cut hose cleanly and squarely to length.
  2- Slide clamp on hose.
  3- Lubricate hose. Push hose on fitting until hose
     bottoms against stop ring or hex.
  4- Position hose clamp as shown below and secure
     with a screwdriver or wrench. Maintain “A”
     dimension noted below for proper clamp position-
     ing.

See page 280-281 for Barb Fittings for plastic pipe

Stainless Steel hose barbs for beverage service available -
See beverage fitting section, pg. 324-325

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Actual Profile of Hose Barbs
### Rigid Male Adapter

- These are not Lead Free

![Diagram of Rigid Male Adapter](image)

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See Bronze insert fittings on pages 280 for larger sizes.

* See page 26 for stainless.

Dimension data can change without notice.
Please call us when dimensions are critical.

Save 5% by ordering online at www.midlandindustrial.com

Some product stocked in Houston and Atlanta.
## Brass Fittings

### Brass Rigid Male BSPT Barb Adapter

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* Add SS to the end of the part number for Stainless.

### Hose Barb Brass Fittings

SMS Rotation 360°

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www.midlandindustrial.com

Toll Free Phone 1-888-821-5725
## RIGID FEMALE ADAPTER

![Rigid Female Adapter Diagram](image)

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## SWIVEL FEMALE ADAPTER NPTF

-68

![Swivel Female Adapter Diagram](image)

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**HOSE BARB**

**BRASS FITTINGS**

**SWIVEL FEMALE ADAPTER - With Gasket**

- NPSM Thread

National Pipe Straight Gasket Seal Swivel

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**FORGED HOSE BARB 90° ELBOW**

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<th>B</th>
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<td>1.34</td>
<td>0.43</td>
<td>50.26</td>
</tr>
</tbody>
</table>

- * Add SS to the end of the part number for Stainless.
- ** Grooved End Barbs
- *** Square Body

Dimension data can change without notice.
Please call us when dimensions are critical.

Some product stocked in Houston and Atlanta.
# BRASS FITTINGS

## HOSE BARB

### BARSTOCK HOSE BARB 90° ELBOW

![Diagram of BARSTOCK HOSE BARB 90° ELBOW]

<table>
<thead>
<tr>
<th>Part #</th>
<th>Hose I.D. x Male NPTF</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>Body Size</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-308B</td>
<td>3/16&quot; X 1/8&quot;</td>
<td>0.97</td>
<td>0.72</td>
<td>0.75</td>
<td>0.43</td>
<td>0.04</td>
<td>7.24</td>
</tr>
<tr>
<td>32-038B</td>
<td>1/4&quot; X 1/8&quot;</td>
<td>1.00</td>
<td>0.75</td>
<td>0.75</td>
<td>0.50</td>
<td>0.02</td>
<td>5.25</td>
</tr>
<tr>
<td>32-039B</td>
<td>1/4&quot; X 1/4&quot;</td>
<td>1.02</td>
<td>0.91</td>
<td>0.74</td>
<td>0.56</td>
<td>0.04</td>
<td>6.00</td>
</tr>
<tr>
<td>32-041B</td>
<td>3/8&quot; X 1/4&quot;</td>
<td>1.32</td>
<td>0.89</td>
<td>0.97</td>
<td>0.58</td>
<td>0.08</td>
<td>8.33</td>
</tr>
<tr>
<td>32-042B</td>
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<td>1.50</td>
<td>1.06</td>
<td>0.97</td>
<td>0.75</td>
<td>0.14</td>
<td>14.20</td>
</tr>
<tr>
<td>32-043B</td>
<td>1/2&quot; X 3/8&quot;</td>
<td>1.53</td>
<td>1.07</td>
<td>0.97</td>
<td>0.72</td>
<td>0.16</td>
<td>11.91</td>
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</table>

129HB

### HOSE BARB TEES

![Diagram of HOSE BARB TEES]

<table>
<thead>
<tr>
<th>Part #</th>
<th>Hose Barb Size 1 x 2 x 3</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>Body Size</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
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<td>0.84</td>
<td>0.83</td>
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<tr>
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<td>1.02</td>
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<td>0.03</td>
<td>7.38</td>
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<tr>
<td>32-365 *</td>
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<td>1.00</td>
<td>1.00</td>
<td>0.44</td>
<td>0.06</td>
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<td>32-350 *</td>
<td>1/4&quot; X 1/8&quot;</td>
<td>0.94</td>
<td>0.94</td>
<td>0.44</td>
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<td>8.09</td>
<td></td>
</tr>
<tr>
<td>32-366</td>
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<td>1.00</td>
<td>0.44</td>
<td>0.06</td>
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<tr>
<td>32-126 *</td>
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<tr>
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<td>0.08</td>
<td>4.88</td>
<td></td>
</tr>
<tr>
<td>32-352 *</td>
<td>1/2&quot; X 3/8&quot;</td>
<td>1.26</td>
<td>1.26</td>
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<td>13.81</td>
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<tr>
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<td>1.26</td>
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<td>0.16</td>
<td>18.62</td>
<td></td>
</tr>
<tr>
<td>32-363</td>
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<td>1.26</td>
<td>0.88</td>
<td>0.18</td>
<td>25.62</td>
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<tr>
<td>32-353</td>
<td>3/4&quot; X 1/2&quot;</td>
<td>1.41</td>
<td>1.41</td>
<td>0.88</td>
<td>0.23</td>
<td>27.07</td>
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</tr>
<tr>
<td>32-128 *</td>
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<td>0.06</td>
<td>11.27</td>
<td></td>
</tr>
</tbody>
</table>

* Add SS to the end of the part number for Stainless.

### 90° HOSE BARB ELBOW

![Diagram of 90° HOSE BARB ELBOW]

<table>
<thead>
<tr>
<th>Part #</th>
<th>Hose I.D. x Hose I.D.</th>
<th>A</th>
<th>B</th>
<th>Body Size</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-429</td>
<td>1/8&quot; x 1/8&quot;</td>
<td>0.55</td>
<td>0.55</td>
<td>0.37</td>
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<tr>
<td>32-433</td>
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<td>0.90</td>
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<td>0.03</td>
<td>5.90</td>
</tr>
<tr>
<td>32-412</td>
<td>1/4&quot; x 1/8&quot;</td>
<td>1.02</td>
<td>1.02</td>
<td>0.44</td>
<td>0.04</td>
<td>3.00</td>
</tr>
<tr>
<td>32-413 *</td>
<td>1/4&quot; x 1/4&quot;</td>
<td>1.01</td>
<td>1.01</td>
<td>0.44</td>
<td>0.04</td>
<td>3.69</td>
</tr>
<tr>
<td>32-425</td>
<td>5/16&quot; x 5/16&quot;</td>
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<td>1.15</td>
<td>0.48</td>
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<tr>
<td>32-414</td>
<td>3/8&quot; x 1/8&quot;</td>
<td>1.01</td>
<td>1.01</td>
<td>0.44</td>
<td>0.04</td>
<td>5.05</td>
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<tr>
<td>32-415</td>
<td>3/8&quot; x 1/4&quot;</td>
<td>1.00</td>
<td>1.00</td>
<td>0.44</td>
<td>0.04</td>
<td>4.20</td>
</tr>
<tr>
<td>32-416 *</td>
<td>3/8&quot; x 3/8&quot;</td>
<td>1.02</td>
<td>1.02</td>
<td>0.44</td>
<td>0.04</td>
<td>6.63</td>
</tr>
<tr>
<td>32-417</td>
<td>3/8&quot; x 1/2&quot;</td>
<td>1.24</td>
<td>1.10</td>
<td>0.50</td>
<td>0.06</td>
<td>5.55</td>
</tr>
<tr>
<td>32-418</td>
<td>1/2&quot; x 1/4&quot;</td>
<td>1.24</td>
<td>1.08</td>
<td>0.50</td>
<td>0.06</td>
<td>5.31</td>
</tr>
<tr>
<td>32-419</td>
<td>1/2&quot; x 3/8&quot;</td>
<td>1.22</td>
<td>1.09</td>
<td>0.50</td>
<td>0.06</td>
<td>5.08</td>
</tr>
<tr>
<td>32-420 *</td>
<td>1/2&quot; x 1/2&quot;</td>
<td>1.24</td>
<td>1.24</td>
<td>0.50</td>
<td>0.06</td>
<td>5.56</td>
</tr>
<tr>
<td>32-434</td>
<td>5/8&quot; x 5/8&quot;</td>
<td>1.20</td>
<td>1.20</td>
<td>0.75</td>
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<tr>
<td>32-435</td>
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<td>1.41</td>
<td>0.88</td>
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<td>21.07</td>
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<tr>
<td>32-436</td>
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<td>1.41</td>
<td>1.41</td>
<td>0.88</td>
<td>0.21</td>
<td>25.22</td>
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</tbody>
</table>

* Add SS to the end of the part number for Stainless.

Some product stocked in Houston and Atlanta.
### 90° Female Hose Barb Elbow

<table>
<thead>
<tr>
<th>Part #</th>
<th>Hose I.D. x Female NPTF</th>
<th>A</th>
<th>B</th>
<th>Body Size</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-401</td>
<td>1/4&quot; x 1/8&quot;</td>
<td>1.01</td>
<td>0.82</td>
<td>0.47</td>
<td>0.06</td>
<td>4.88</td>
</tr>
<tr>
<td>32-402</td>
<td>1/4&quot; x 1/4&quot;</td>
<td>1.13</td>
<td>0.91</td>
<td>0.56</td>
<td>0.10</td>
<td>5.95</td>
</tr>
<tr>
<td>32-403</td>
<td>3/8&quot; x 1/8&quot;</td>
<td>1.01</td>
<td>0.82</td>
<td>0.47</td>
<td>0.06</td>
<td>4.69</td>
</tr>
<tr>
<td>32-404</td>
<td>3/8&quot; x 1/4&quot;</td>
<td>1.15</td>
<td>0.91</td>
<td>0.56</td>
<td>0.10</td>
<td>6.29</td>
</tr>
<tr>
<td>32-405</td>
<td>3/8&quot; x 3/8&quot;</td>
<td>1.15</td>
<td>1.11</td>
<td>0.68</td>
<td>0.14</td>
<td>14.02</td>
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<tr>
<td>32-406</td>
<td>3/8&quot; x 1/2&quot;</td>
<td>1.26</td>
<td>1.39</td>
<td>0.75</td>
<td>0.20</td>
<td>10.82</td>
</tr>
<tr>
<td>32-407</td>
<td>1/2&quot; x 1/4&quot;</td>
<td>1.26</td>
<td>0.91</td>
<td>0.56</td>
<td>0.10</td>
<td>6.89</td>
</tr>
<tr>
<td>32-410</td>
<td>1/2&quot; x 3/8&quot;</td>
<td>1.24</td>
<td>1.11</td>
<td>0.68</td>
<td>0.14</td>
<td>10.15</td>
</tr>
<tr>
<td>32-411</td>
<td>1/2&quot; x 1/2&quot;</td>
<td>1.37</td>
<td>1.39</td>
<td>0.75</td>
<td>0.20</td>
<td>10.67</td>
</tr>
<tr>
<td>32-409</td>
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<td>1.52</td>
<td>1.75</td>
<td>0.81</td>
<td>0.50</td>
<td>15.43</td>
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</tbody>
</table>

### 45° Elbow

<table>
<thead>
<tr>
<th>Part #</th>
<th>Hose I.D. x Male NPTF</th>
<th>A</th>
<th>B</th>
<th>Body Size</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
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<td>0.62</td>
<td>0.53</td>
<td>0.04</td>
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</tr>
<tr>
<td>32-109*</td>
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<td>0.62</td>
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<td>0.06</td>
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<tr>
<td>32-111</td>
<td>3/8&quot; x 1/8&quot;</td>
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<td>0.04</td>
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</tr>
<tr>
<td>32-113</td>
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<td>0.08</td>
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<tr>
<td>32-346</td>
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<td>0.08</td>
<td>9.49</td>
</tr>
<tr>
<td>32-114</td>
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<td>1.00</td>
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<td>0.59</td>
<td>0.08</td>
<td>7.87</td>
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<tr>
<td>32-116</td>
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<td>0.12</td>
<td>13.61</td>
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<tr>
<td>32-115**</td>
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<td>0.88</td>
<td>0.59</td>
<td>0.10</td>
<td>8.37</td>
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<tr>
<td>32-345</td>
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<td>0.94</td>
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</table>

* Barstock

** Flat Barbs

Some product stocked in Houston and Atlanta.
### BALL END SWIVEL

- **NPSM - Ball seat type**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Hose I.D. x NPSM</th>
<th>A</th>
<th>B</th>
<th>Hex</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
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</thead>
<tbody>
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<td>0.50</td>
<td>0.03</td>
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<tr>
<td>32-068</td>
<td>3/16&quot; x 1/4&quot;</td>
<td>0.75</td>
<td>0.52</td>
<td>0.62</td>
<td>0.04</td>
<td>4.90</td>
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<tr>
<td>32-069</td>
<td>1/4&quot; x 1/8&quot;</td>
<td>0.97</td>
<td>0.44</td>
<td>0.50</td>
<td>0.04</td>
<td>4.31</td>
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<tr>
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<td>0.53</td>
<td>0.62</td>
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<td>0.75</td>
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<td>6.21</td>
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<td>0.75</td>
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<td>32-074</td>
<td>3/8&quot; x 1/2&quot;</td>
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<tr>
<td>32-076</td>
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<td>6.73</td>
</tr>
</tbody>
</table>

### BALLSEAT MALE ADAPTER

- **Bevel seat**

<table>
<thead>
<tr>
<th>Part #</th>
<th>NPSM x Male NPTF</th>
<th>A</th>
<th>Hex</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-359</td>
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<td>0.94</td>
<td>0.43</td>
<td>0.03</td>
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<td>0.56</td>
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<td>0.08</td>
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<td>4.90</td>
</tr>
<tr>
<td>32-392</td>
<td>3/8&quot; x 1/2&quot;</td>
<td>1.47</td>
<td>0.88</td>
<td>0.13</td>
<td>8.84</td>
</tr>
<tr>
<td>32-364</td>
<td>1/2&quot; x 3/8&quot;</td>
<td>1.35</td>
<td>0.87</td>
<td>0.10</td>
<td>8.50</td>
</tr>
<tr>
<td>32-032</td>
<td>1/2&quot; x 1/2&quot;</td>
<td>1.53</td>
<td>0.87</td>
<td>0.14</td>
<td>6.54</td>
</tr>
<tr>
<td>32-033</td>
<td>3/4&quot; x 3/4&quot;</td>
<td>1.53</td>
<td>1.06</td>
<td>0.20</td>
<td>10.44</td>
</tr>
</tbody>
</table>

### BALLSEAT UNION

- **30° Seat**

<table>
<thead>
<tr>
<th>Part #</th>
<th>NPSM</th>
<th>A</th>
<th>Hex</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-460</td>
<td>1/8&quot;</td>
<td>0.79</td>
<td>0.43</td>
<td>0.02</td>
<td>4.15</td>
</tr>
<tr>
<td>32-461</td>
<td>1/4&quot;</td>
<td>1.09</td>
<td>0.56</td>
<td>0.04</td>
<td>5.06</td>
</tr>
<tr>
<td>32-462</td>
<td>3/8&quot;</td>
<td>1.19</td>
<td>0.68</td>
<td>0.07</td>
<td>6.68</td>
</tr>
<tr>
<td>32-463</td>
<td>1/2&quot;</td>
<td>1.31</td>
<td>0.87</td>
<td>0.10</td>
<td>8.71</td>
</tr>
</tbody>
</table>

### FEMALE BALLSEAT ADAPTER

- **30° Seat**

<table>
<thead>
<tr>
<th>Part #</th>
<th>NPSM x Female NPTF</th>
<th>A</th>
<th>Hex</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-465</td>
<td>1/4&quot; x 1/4&quot;</td>
<td>1.12</td>
<td>0.62</td>
<td>0.05</td>
<td>6.96</td>
</tr>
<tr>
<td>32-466</td>
<td>3/8&quot; x 3/8&quot;</td>
<td>1.15</td>
<td>0.75</td>
<td>0.07</td>
<td>6.91</td>
</tr>
<tr>
<td>32-467</td>
<td>1/2&quot; x 1/2&quot;</td>
<td>1.22</td>
<td>0.94</td>
<td>0.10</td>
<td>9.35</td>
</tr>
</tbody>
</table>

### 45° FLARE ADAPTER

<table>
<thead>
<tr>
<th>Part #</th>
<th>Hose I.D. x 45° Flare</th>
<th>Thread</th>
<th>A</th>
<th>B</th>
<th>Hex</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-322</td>
<td>3/16&quot; x 1/4&quot;</td>
<td>7/16-20</td>
<td>1.5</td>
<td>0.75</td>
<td>0.43</td>
<td>0.03</td>
<td>5.93</td>
</tr>
<tr>
<td>32-081</td>
<td>1/4&quot; x 1/4&quot;</td>
<td>7/16-20</td>
<td>1.72</td>
<td>0.97</td>
<td>0.43</td>
<td>0.03</td>
<td>3.51</td>
</tr>
<tr>
<td>32-082</td>
<td>1/4&quot; x 3/8&quot;</td>
<td>5/8-18</td>
<td>1.82</td>
<td>0.97</td>
<td>0.62</td>
<td>0.07</td>
<td>4.62</td>
</tr>
<tr>
<td>32-083</td>
<td>5/16&quot; x 5/16&quot;</td>
<td>1/2-20</td>
<td>1.75</td>
<td>0.97</td>
<td>0.50</td>
<td>0.08</td>
<td>6.06</td>
</tr>
<tr>
<td>32-084</td>
<td>3/8&quot; x 3/8&quot;</td>
<td>5/8-18</td>
<td>1.82</td>
<td>0.97</td>
<td>0.62</td>
<td>0.08</td>
<td>5.00</td>
</tr>
<tr>
<td>32-085</td>
<td>3/8&quot; x 1/2&quot;</td>
<td>3/4-16</td>
<td>1.97</td>
<td>0.97</td>
<td>0.75</td>
<td>0.10</td>
<td>7.23</td>
</tr>
<tr>
<td>32-086</td>
<td>1/2&quot; x 1/2&quot;</td>
<td>3/4-16</td>
<td>1.97</td>
<td>0.97</td>
<td>0.75</td>
<td>0.10</td>
<td>6.99</td>
</tr>
</tbody>
</table>

* Add SS to the end of the part number for Stainless.
### Female 45° Flare Swivel

<table>
<thead>
<tr>
<th>Part #</th>
<th>Hose ID x Female 45° Flare</th>
<th>UNF Thread</th>
<th>A</th>
<th>B</th>
<th>Hex</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-326</td>
<td>3/16&quot; x 3/16&quot;</td>
<td>3/8-24</td>
<td>1.19</td>
<td>0.75</td>
<td>0.43</td>
<td>0.04</td>
<td>6.56</td>
</tr>
<tr>
<td>30-295**</td>
<td>3/16&quot; x 3/8&quot;</td>
<td>5/8-18</td>
<td>1.82</td>
<td>0.90</td>
<td>0.75</td>
<td>0.04</td>
<td>4.26</td>
</tr>
<tr>
<td>32-101</td>
<td>1/4&quot; x 1/4&quot;</td>
<td>7/16-20</td>
<td>1.57</td>
<td>0.97</td>
<td>0.56</td>
<td>0.08</td>
<td>2.16</td>
</tr>
<tr>
<td>32-103</td>
<td>1/4&quot; x 3/8&quot;</td>
<td>5/8-18</td>
<td>1.64</td>
<td>0.97</td>
<td>0.75</td>
<td>0.08</td>
<td>2.60</td>
</tr>
<tr>
<td>32-104</td>
<td>5/16&quot; x 5/16&quot;</td>
<td>1/2-20</td>
<td>1.58</td>
<td>0.97</td>
<td>0.62</td>
<td>0.05</td>
<td>4.90</td>
</tr>
<tr>
<td>32-327</td>
<td>5/16&quot; x 3/8&quot;</td>
<td>5/8-18</td>
<td>1.64</td>
<td>0.97</td>
<td>0.75</td>
<td>0.08</td>
<td>3.61</td>
</tr>
<tr>
<td>32-105*</td>
<td>3/8&quot; x 3/8&quot;</td>
<td>5/8-18</td>
<td>1.64</td>
<td>0.97</td>
<td>0.75</td>
<td>0.08</td>
<td>3.22</td>
</tr>
<tr>
<td>32-105C**</td>
<td>3/8&quot; x 3/8&quot;</td>
<td>5/8-18</td>
<td>1.71</td>
<td>0.97</td>
<td>0.75</td>
<td>0.07</td>
<td>4.28</td>
</tr>
<tr>
<td>32-106</td>
<td>3/8&quot; x 1/2&quot;</td>
<td>3/4-16</td>
<td>1.81</td>
<td>0.97</td>
<td>0.87</td>
<td>0.10</td>
<td>8.85</td>
</tr>
<tr>
<td>32-100</td>
<td>1/2&quot; x 1/2&quot;</td>
<td>3/4-16</td>
<td>1.68</td>
<td>0.97</td>
<td>0.87</td>
<td>0.12</td>
<td>4.14</td>
</tr>
<tr>
<td>32-328</td>
<td>3/4&quot; x 3/4&quot;</td>
<td>1-1/16-14</td>
<td>2.00</td>
<td>0.97</td>
<td>1.25</td>
<td>0.20</td>
<td>17.64</td>
</tr>
</tbody>
</table>

** Swivel crimp style

### Dual 45° / 37° Flare Swivel

<table>
<thead>
<tr>
<th>Part #</th>
<th>Hose ID x Dual Seat</th>
<th>Thread</th>
<th>A</th>
<th>B</th>
<th>Hex</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-107*</td>
<td>3/16&quot; x 1/4&quot;</td>
<td>7/16-20</td>
<td>1.34</td>
<td>0.75</td>
<td>0.56</td>
<td>0.04</td>
<td>3.35</td>
</tr>
<tr>
<td>32-107C**</td>
<td>3/16 X 1/4</td>
<td>7/16-20</td>
<td>1.42</td>
<td>0.78</td>
<td>0.56</td>
<td>0.04</td>
<td>3.18</td>
</tr>
<tr>
<td>32-337*</td>
<td>1/4&quot; x 1/4&quot;</td>
<td>7/16-20</td>
<td>1.56</td>
<td>0.97</td>
<td>0.56</td>
<td>0.04</td>
<td>2.73</td>
</tr>
<tr>
<td>32-337C**</td>
<td>1/4&quot; X 1/4&quot;</td>
<td>7/16-20</td>
<td>1.60</td>
<td>0.97</td>
<td>0.56</td>
<td>0.04</td>
<td>2.66</td>
</tr>
<tr>
<td>32-102</td>
<td>1/4&quot; x 5/16&quot;</td>
<td>1/2-20</td>
<td>1.53</td>
<td>0.97</td>
<td>0.62</td>
<td>0.06</td>
<td>2.82</td>
</tr>
<tr>
<td>32-339</td>
<td>5/16&quot; x 5/16&quot;</td>
<td>1/2-20</td>
<td>1.60</td>
<td>0.97</td>
<td>0.62</td>
<td>0.06</td>
<td>3.49</td>
</tr>
<tr>
<td>32-340</td>
<td>3/8&quot; x 1/2&quot;</td>
<td>3/4-16</td>
<td>1.68</td>
<td>0.97</td>
<td>0.87</td>
<td>0.10</td>
<td>5.52</td>
</tr>
<tr>
<td>32-341*</td>
<td>1/2&quot; x 1/2&quot;</td>
<td>3/4-16</td>
<td>1.68</td>
<td>0.97</td>
<td>0.87</td>
<td>0.10</td>
<td>4.69</td>
</tr>
<tr>
<td>32-341C**</td>
<td>1/2&quot; X 1/2&quot;</td>
<td>3/4-16</td>
<td>1.75</td>
<td>0.97</td>
<td>0.87</td>
<td>0.09</td>
<td>5.21</td>
</tr>
<tr>
<td>32-342</td>
<td>1/2&quot; x 5/8&quot;</td>
<td>7/8-14</td>
<td>1.76</td>
<td>0.97</td>
<td>1.00</td>
<td>0.12</td>
<td>7.07</td>
</tr>
<tr>
<td>32-394*</td>
<td>5/8&quot; x 5/8&quot;</td>
<td>7/8-14</td>
<td>1.76</td>
<td>0.97</td>
<td>1.00</td>
<td>0.14</td>
<td>7.57</td>
</tr>
</tbody>
</table>

* Available in swivel crimp style

** Swivel crimp style

### Female 37° J.I.C. Flare Swivel

<table>
<thead>
<tr>
<th>Part #</th>
<th>Hose ID x Female 37° Flare</th>
<th>Thread</th>
<th>A</th>
<th>B</th>
<th>Hex</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-334</td>
<td>1/4&quot; x 3/8&quot;</td>
<td>9/16-18</td>
<td>1.60</td>
<td>0.97</td>
<td>0.68</td>
<td>0.06</td>
<td>3.62</td>
</tr>
<tr>
<td>32-335</td>
<td>5/16&quot; x 3/8&quot;</td>
<td>9/16-18</td>
<td>1.60</td>
<td>0.97</td>
<td>0.68</td>
<td>0.06</td>
<td>3.75</td>
</tr>
<tr>
<td>32-336*</td>
<td>3/8&quot; x 3/8&quot;</td>
<td>9/16-18</td>
<td>1.60</td>
<td>0.97</td>
<td>0.68</td>
<td>0.10</td>
<td>3.26</td>
</tr>
<tr>
<td>32-336C**</td>
<td>3/8&quot; X 3/8&quot;</td>
<td>9/16-18</td>
<td>1.66</td>
<td>0.97</td>
<td>0.68</td>
<td>0.06</td>
<td>3.39</td>
</tr>
<tr>
<td>32-338*</td>
<td>3/4&quot; x 3/4&quot;</td>
<td>1-1/16-12</td>
<td>2.00</td>
<td>0.97</td>
<td>1.25</td>
<td>0.20</td>
<td>19.56</td>
</tr>
<tr>
<td>32-397*</td>
<td>1&quot; x 1&quot;</td>
<td>1-5/16-12</td>
<td>2.54</td>
<td>1.19</td>
<td>1.50</td>
<td>0.33</td>
<td>18.14</td>
</tr>
</tbody>
</table>

* Available in swivel crimp style

** Swivel crimp style

### Inverted Flare Swivel

<table>
<thead>
<tr>
<th>Part #</th>
<th>Hose ID x Inverted Flare</th>
<th>Thread</th>
<th>A</th>
<th>B</th>
<th>Hex</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-369</td>
<td>1/4&quot; x 1/4&quot;</td>
<td>7/16-24</td>
<td>1.56</td>
<td>0.95</td>
<td>0.43</td>
<td>0.04</td>
<td>10.07</td>
</tr>
<tr>
<td>32-371</td>
<td>3/8&quot; x 3/8&quot;</td>
<td>5/8-18</td>
<td>1.70</td>
<td>0.96</td>
<td>0.62</td>
<td>0.06</td>
<td>15.01</td>
</tr>
<tr>
<td>32-372</td>
<td>1/2&quot; x 1/2&quot;</td>
<td>3/4-18</td>
<td>1.80</td>
<td>0.96</td>
<td>0.75</td>
<td>0.08</td>
<td>10.52</td>
</tr>
<tr>
<td>32-373</td>
<td>5/8&quot; x 5/8&quot;</td>
<td>7/8-18</td>
<td>2.05</td>
<td>1.17</td>
<td>0.87</td>
<td>0.15</td>
<td>21.58</td>
</tr>
</tbody>
</table>

Some product stocked in Houston and Atlanta.
**BRASS FITTINGS**

**HIGH PRESSURE MALE SWIVEL**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Hose I.D. x Male NPTF</th>
<th>A</th>
<th>B</th>
<th>Hex</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-781</td>
<td>3/8&quot; x 1/4&quot;</td>
<td>1.83</td>
<td>0.87</td>
<td>0.62</td>
<td>0.07</td>
<td>17.80</td>
</tr>
</tbody>
</table>

**HOSE ID x MALE BALL SWIVEL**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Hose I.D. x Male ball swivel</th>
<th>A</th>
<th>B</th>
<th>Hex</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>28-415</td>
<td>1/4&quot; x 1/4&quot;</td>
<td>1.30</td>
<td>0.94</td>
<td>0.81</td>
<td>0.14</td>
<td>35.18</td>
</tr>
<tr>
<td>28-417</td>
<td>3/8&quot; x 1/4&quot;</td>
<td>1.30</td>
<td>1.00</td>
<td>0.81</td>
<td>0.14</td>
<td>32.49</td>
</tr>
</tbody>
</table>

**1/4" MALE THREAD ID x OD**

<table>
<thead>
<tr>
<th>Part #</th>
<th>1/4&quot; Male Thread ID x OD</th>
<th>Length</th>
<th>Hex 1</th>
<th>Hex 2</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-725</td>
<td>3/8&quot; x 3/4&quot;(23/32)</td>
<td>1.97</td>
<td>0.87</td>
<td>0.56</td>
<td>0.14</td>
<td>9.08</td>
</tr>
<tr>
<td>32-726</td>
<td>1/4&quot; x 5/8&quot;</td>
<td>1.86</td>
<td>0.81</td>
<td>0.56</td>
<td>0.13</td>
<td>8.41</td>
</tr>
<tr>
<td>32-727</td>
<td>1/4&quot; x 1/2&quot;</td>
<td>1.86</td>
<td>0.69</td>
<td>0.56</td>
<td>0.11</td>
<td>7.42</td>
</tr>
<tr>
<td>32-728</td>
<td>1/4&quot; x 9/16&quot;</td>
<td>1.86</td>
<td>0.75</td>
<td>0.56</td>
<td>0.12</td>
<td>12.27</td>
</tr>
<tr>
<td>32-741</td>
<td>5/16&quot; x 5/8&quot;</td>
<td>1.97</td>
<td>0.81</td>
<td>0.56</td>
<td>0.13</td>
<td>9.72</td>
</tr>
<tr>
<td>32-742</td>
<td>3/8&quot; x 5/8&quot;</td>
<td>1.97</td>
<td>0.81</td>
<td>0.56</td>
<td>0.14</td>
<td>13.16</td>
</tr>
</tbody>
</table>

Many more sizes and shapes available...just ask!

"Give me 6 hours to chop a tree, I will spend the first 4 sharpening my axe."

- Abraham Lincoln

Dimension data can change without notice.
Please call us when dimensions are critical.

Fax 1-888-877-5391 sales@midlandindustrial.com
### HoSe BarB  

#### Brass Fittings

---

**STEM ONLY - WELDING HOSE CONNECTOR**

![Diagram of a brass fitting](image)

<table>
<thead>
<tr>
<th>Part #</th>
<th>Hose I.D.</th>
<th>A</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>30-410</td>
<td>3/16”</td>
<td>1.43</td>
<td>0.02</td>
<td>1.77</td>
</tr>
<tr>
<td>30-411</td>
<td>1/4”</td>
<td>1.43</td>
<td>0.02</td>
<td>1.71</td>
</tr>
<tr>
<td>30-412</td>
<td>5/16”</td>
<td>1.43</td>
<td>0.03</td>
<td>2.16</td>
</tr>
<tr>
<td>30-413</td>
<td>3/8”</td>
<td>1.43</td>
<td>0.04</td>
<td>2.20</td>
</tr>
</tbody>
</table>

Assemble with nuts below.

---

**RIGHT HAND 9/16 - 18 FOR OXYGEN LINE - WELDING HOSE NUT**

![Diagram of a brass fitting](image)

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>A</th>
<th>Hex</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>30-420</td>
<td>R.H. Nut only</td>
<td>0.63</td>
<td>0.68</td>
<td>0.04</td>
<td>2.04</td>
</tr>
</tbody>
</table>

Assemble with stem above.

---

**LEFT HAND 9/16 - 18 FOR ACETYlene LINE - WELDING HOSE NUT**

![Diagram of a brass fitting](image)

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>A</th>
<th>Hex</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>30-421</td>
<td>L.H. Nut only</td>
<td>0.63</td>
<td>0.68</td>
<td>0.04</td>
<td>1.90</td>
</tr>
</tbody>
</table>

Assemble with stem above.

---

**RIGHT HAND 9/16 - 18 #122RWA - WELDING HOSE CONNECTOR**

![Diagram of a brass fitting](image)

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>A</th>
<th>Hex</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>30-401</td>
<td>1/4”-18</td>
<td>1.30</td>
<td>0.62</td>
<td>0.06</td>
<td>5.16</td>
</tr>
<tr>
<td>32-437</td>
<td>3/8”-18</td>
<td>1.30</td>
<td>0.68</td>
<td>0.09</td>
<td>5.94</td>
</tr>
<tr>
<td>32-438*</td>
<td>9/16”-18</td>
<td>1.25</td>
<td>0.68</td>
<td>0.07</td>
<td>5.65</td>
</tr>
</tbody>
</table>

* Right UNF thread

---

**LEFT HAND 9/16 - 18 #122LWA - WELDING HOSE CONNECTOR**

![Diagram of a brass fitting](image)

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>A</th>
<th>Hex</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>30-406</td>
<td>1/4”-18</td>
<td>1.30</td>
<td>0.62</td>
<td>0.06</td>
<td>5.21</td>
</tr>
<tr>
<td>32-439</td>
<td>3/8”-18</td>
<td>1.30</td>
<td>0.68</td>
<td>0.09</td>
<td>6.48</td>
</tr>
<tr>
<td>32-440*</td>
<td>9/16”-18</td>
<td>1.25</td>
<td>0.68</td>
<td>0.07</td>
<td>6.11</td>
</tr>
</tbody>
</table>

* Left UNF thread
## Brass Barbs for Polyethylene Tubing

- Quick connecting fittings that do not require tube preparations for hand assembly. Inexpensive with excellent resistance to vibration.
- All sizes are tube O.D. (I.D.)

<table>
<thead>
<tr>
<th>OD</th>
<th>ID</th>
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</thead>
<tbody>
<tr>
<td>1/4</td>
<td>.125</td>
</tr>
<tr>
<td>3/8</td>
<td>.25</td>
</tr>
<tr>
<td>1/2</td>
<td>.375</td>
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### Union

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>21-003</td>
<td>1/4(1/8) x 1/4(1/8)</td>
<td>7.00</td>
</tr>
<tr>
<td>21-007</td>
<td>3/8(1/4) x 1/4(1/8)</td>
<td>6.69</td>
</tr>
<tr>
<td>21-009</td>
<td>3/8(1/4) x 3/8(1/4)</td>
<td>3.11</td>
</tr>
</tbody>
</table>

### Male Adapter

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>21-021</td>
<td>1/4(1/8) x 1/16</td>
<td>5.45</td>
</tr>
<tr>
<td>21-023</td>
<td>1/4(1/8) x 1/8</td>
<td>4.26</td>
</tr>
<tr>
<td>21-025</td>
<td>1/4(1/8) x 1/4</td>
<td>5.91</td>
</tr>
<tr>
<td>21-027</td>
<td>3/8(1/4) x 1/8</td>
<td>4.71</td>
</tr>
</tbody>
</table>

### Female Adapter

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>21-043</td>
<td>1/4(1/8) x 1/8</td>
<td>13.37</td>
</tr>
</tbody>
</table>

### Bulkhead Union

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>21-082</td>
<td>1/4(1/8)</td>
<td>18.61</td>
</tr>
<tr>
<td>21-083</td>
<td>3/8(1/4)</td>
<td>28.68</td>
</tr>
</tbody>
</table>

## Hose Barb

### Union Elbow

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>21-095</td>
<td>1/4(1/8)</td>
<td>9.71</td>
</tr>
<tr>
<td>21-097</td>
<td>3/8(1/4)</td>
<td>10.05</td>
</tr>
<tr>
<td>21-099</td>
<td>1/2(3/8)</td>
<td>18.78</td>
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### Male 90° Elbow

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>21-111</td>
<td>1/4(1/8) x 1/16</td>
<td>18.55</td>
</tr>
<tr>
<td>21-113</td>
<td>1/4(1/8) x 1/8</td>
<td>3.60</td>
</tr>
<tr>
<td>21-115</td>
<td>1/4(1/8) x 1/4</td>
<td>6.20</td>
</tr>
<tr>
<td>21-117</td>
<td>3/8(1/4) x 1/8</td>
<td>8.29</td>
</tr>
<tr>
<td>21-119</td>
<td>3/8(1/4) x 1/4</td>
<td>4.96</td>
</tr>
<tr>
<td>21-121</td>
<td>1/2(3/8) x 3/8</td>
<td>32.64</td>
</tr>
</tbody>
</table>

### Female 90° Elbow

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>21-133</td>
<td>1/4(1/8) x 1/8</td>
<td>12.64</td>
</tr>
</tbody>
</table>

### Male Branch Tee

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>21-193</td>
<td>1/4(1/8) x 1/4(1/8) x 1/8</td>
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</tr>
<tr>
<td>21-195</td>
<td>3/8(1/4) x 3/8(1/4) x 1/8</td>
<td>10.50</td>
</tr>
<tr>
<td>21-197</td>
<td>3/8(1/4) x 3/8(1/4) x 1/4</td>
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### Female Branch Tee

<table>
<thead>
<tr>
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<th>Size</th>
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<tr>
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### Two Barb fittings

More Sizes Available - Please Ask!

<table>
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<tr>
<td>1/4</td>
<td>3/8</td>
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<tr>
<td>1/4</td>
<td>.17</td>
</tr>
<tr>
<td>1/4</td>
<td>.25</td>
</tr>
<tr>
<td>3/8</td>
<td>.375</td>
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</tbody>
</table>

### Male Adapter Pipe

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-150</td>
<td>1/4(1/8) x 1/8</td>
<td>4.08</td>
</tr>
<tr>
<td>32-151</td>
<td>1/4(1/8) x 1/4</td>
<td>8.70</td>
</tr>
<tr>
<td>32-153</td>
<td>3/8(1/4) x 1/4</td>
<td>8.08</td>
</tr>
</tbody>
</table>

### Union Tee

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-159</td>
<td>1/4(1/8 ID)</td>
<td>6.90</td>
</tr>
<tr>
<td>32-160</td>
<td>3/8(1/4 ID)</td>
<td>11.94</td>
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</table>

## Part # Size List

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>21-003</td>
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<th>Size</th>
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<tbody>
<tr>
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<td>18.61</td>
</tr>
<tr>
<td>21-083</td>
<td>3/8(1/4)</td>
<td>28.68</td>
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</tbody>
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<tr>
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<th>Size</th>
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<tbody>
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<td>8.29</td>
</tr>
<tr>
<td>21-119</td>
<td>3/8(1/4) x 1/4</td>
<td>4.96</td>
</tr>
<tr>
<td>21-121</td>
<td>1/2(3/8) x 3/8</td>
<td>32.64</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>21-133</td>
<td>1/4(1/8) x 1/8</td>
<td>12.64</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part #</th>
<th>Tube O.D. (I.D.)</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-150</td>
<td>1/4(1/8) x 1/8</td>
<td>4.08</td>
</tr>
<tr>
<td>32-151</td>
<td>1/4(1/8) x 1/4</td>
<td>8.70</td>
</tr>
<tr>
<td>32-153</td>
<td>3/8(1/4) x 1/4</td>
<td>8.08</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part #</th>
<th>Tube O.D. (I.D.)</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-159</td>
<td>1/4(1/8 ID)</td>
<td>6.90</td>
</tr>
<tr>
<td>32-160</td>
<td>3/8(1/4 ID)</td>
<td>11.94</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Part #</th>
<th>Tube O.D. (I.D.)</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-170</td>
<td>1/4(1/8 ID)</td>
<td>7.20</td>
</tr>
<tr>
<td>32-171</td>
<td>3/8(1/4 ID)</td>
<td>13.26</td>
</tr>
</tbody>
</table>

Fax 1-888-877-5391

sales@midlandindustrial.com
### 304 STAINLESS STEEL HOSE NIPPLES

<table>
<thead>
<tr>
<th>Part #</th>
<th>Hose I.D. x Male Pipe</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>73-951</td>
<td>1/4&quot;</td>
<td>6.38</td>
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<td>73-952</td>
<td>3/8&quot;</td>
<td>9.94</td>
</tr>
<tr>
<td>73-953</td>
<td>1/2&quot;</td>
<td>11.92</td>
</tr>
<tr>
<td>73-954</td>
<td>3/4&quot;</td>
<td>14.33</td>
</tr>
<tr>
<td>73-955</td>
<td>1&quot;</td>
<td>17.01</td>
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<tr>
<td>73-956</td>
<td>1-1/4&quot;</td>
<td>27.73</td>
</tr>
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<td>73-957</td>
<td>1-1/2&quot;</td>
<td>31.31</td>
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<tr>
<td>73-958</td>
<td>2&quot;</td>
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<tr>
<td>73-959</td>
<td>2-1/2&quot;</td>
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<td>73-960</td>
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<td>119.24</td>
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### 304 STAINLESS STEEL REDUCING HOSE NIPPLES

<table>
<thead>
<tr>
<th>Part #</th>
<th>Hose I.D. x Male Pipe</th>
<th>List Price</th>
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<tbody>
<tr>
<td>73-970</td>
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<td>73-971</td>
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<td>73-973</td>
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<td>11.59</td>
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<td>73-974</td>
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<td>16.72</td>
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<tr>
<td>73-976</td>
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</tr>
<tr>
<td>73-977</td>
<td>1-1/4&quot; X 1&quot;</td>
<td>26.93</td>
</tr>
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<td>73-979</td>
<td>1-1/2&quot; X 1-1/4&quot;</td>
<td>42.33</td>
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<tr>
<td>73-980</td>
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<td>32.47</td>
</tr>
<tr>
<td>73-981</td>
<td>2&quot; X 1-1/2&quot;</td>
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</tr>
<tr>
<td>73-982</td>
<td>2&quot; X 1-1/4&quot;</td>
<td>44.78</td>
</tr>
</tbody>
</table>

### 316 STAINLESS STEEL HOSE NIPPLES

<table>
<thead>
<tr>
<th>Part #</th>
<th>Hose I.D. x Male Pipe</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>973-951</td>
<td>1/4&quot;</td>
<td>7.14</td>
</tr>
<tr>
<td>973-952</td>
<td>3/8&quot;</td>
<td>10.16</td>
</tr>
<tr>
<td>973-953</td>
<td>1/2&quot;</td>
<td>16.35</td>
</tr>
<tr>
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<td>18.89</td>
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<td>973-955</td>
<td>1&quot;</td>
<td>20.58</td>
</tr>
<tr>
<td>973-956</td>
<td>1-1/4&quot;</td>
<td>27.96</td>
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<td>973-957</td>
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<td>973-958</td>
<td>2&quot;</td>
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<td>973-959</td>
<td>2-1/2&quot;</td>
<td>133.67</td>
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<td>973-990</td>
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<td>164.69</td>
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<td>973-991</td>
<td>4&quot;</td>
<td>204.55</td>
</tr>
</tbody>
</table>

Dimension data can change without notice. Please call us when dimensions are critical.

* NOTE: See Stainless Steel Hose Barbs for beverage on pg. 324-325
## BRASS FITTINGS

### HOSE BARB

### BAND TYPE NIPPLES

#### STEEL

#### #304 STAINLESS STEEL

**General Specifications**
- Dimensions to ANSI 16.3 Pressure to ANSI 16.5 Class 150LB

- Steel Parts – Bright Trivalent Plated • ROHS Compliant
  ASTM B633 Service Condition I, Type II - (Yellow) Type III – (Clear)
Stainless Steel Parts – (Clean and Dry, No Passivation or Electropolish)
Aluminum Fittings – Clear Conventional Type II Sulfuric Anodize – Colors Available

- Fittings for use with Air, Water, and Oil

- Maximum Pressure: Fittings - 150PSI @72°F
- Hose to Pipe Temperature Range: -40°F to +350°F (See hose mfg. specifications)
- Hose to Pipe Vacuum Range: 29” Hg @ 72°F (See hose mfg. specifications)

<table>
<thead>
<tr>
<th>Steel Part #</th>
<th>List Price</th>
<th>Description</th>
<th>Length A</th>
<th>Length B</th>
<th>Dia. C</th>
<th>Stock size</th>
<th>Bore size</th>
<th>Stainless 304 Part #</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>34-204</td>
<td>6.23</td>
<td>1/4” x 1/8”</td>
<td>1-11/16”</td>
<td>1.050</td>
<td>.30</td>
<td>9/16” H</td>
<td>.16”</td>
<td>34-204SS</td>
<td>25.16</td>
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Life is a tragedy when seen in close-up, but a comedy in a long-shot.

- Charlie Chaplin
Push On Barb Fittings

Typical Application: Low Pressure Air, Fuel, Lube, and Oil Lines

Material: CA360 Brass

- Pressure determined by tube material and hardness. Midland Parts have been tested to max 150 PSI.

Advantages: Easy assembly. No clamps needed!!

- Assembly Instructions
  1- Lubricate insert.
  2- Hold hose at angle as shown & push on and up over first barb.
  3- Continue to push straight on until hose is seated under protective plastic cap. Keep hands back from hose end area so that hose can expand.

- Disassembling Instructions
  1- Split hose as shown above. Do not cut completely through hose. Sealing edge of barb could be damaged.
  2- Bend hose and remove with a quick pull.

THE WORLD IS A COMEDY TO THOSE THAT THINK; A TRAGEDY TO THOSE THAT FEEL

- HORACE WALPOLE

Actual Profile of Push On Barbs

```
.345  .41  .47  .60  .725  .85
1/4"  5/16" 3/8"  1/2"  5/8"  3/4"
```
BRASS FITTINGS

PUSH ON HOSE BARB

MALE ADAPTER

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<th>Part #</th>
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<th>B</th>
<th>Hex</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
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* See page 34 for stainless

301
P990A
HLM
100B-1
KA-MB
272
29PO
725
625
BPN
941
30182

Some product stocked in Houston and Atlanta.

Dimension data can change without notice. Please call us when dimensions are critical.
**PUSH ON HOSE BARB**

### HOSE SPLICER

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* See page 34 for stainless.

### RIGID FEMALE ADAPTER

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<td>17.25</td>
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</table>

Some product stocked in Houston and Atlanta.
BRASS FITTINGS

RIGID TUBE ADAPTER

<table>
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<th>Part #</th>
<th>Hose I.D. x O.D Tube</th>
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<th>B</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
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MALE SAE FLARE ADAPTER

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<th>List Price</th>
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<td>1/2-20</td>
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<td>30-249</td>
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<td>1/2-20</td>
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<tr>
<td>30-246</td>
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<td>7/8-14</td>
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37° MALE JIC FLARE ADAPTER

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<td>7/16-20</td>
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<td>1.60</td>
<td>0.83</td>
<td>0.56</td>
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<td>32-906</td>
<td>1/4&quot; x 3/8&quot;</td>
<td>9/16-18</td>
<td>1.63</td>
<td>0.77</td>
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<tr>
<td>32-902</td>
<td>3/8&quot; x 3/8&quot;</td>
<td>9/16-18</td>
<td>1.78</td>
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<td>0.62</td>
<td>0.06</td>
<td>8.27</td>
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<tr>
<td>32-903</td>
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<td>1.97</td>
<td>0.97</td>
<td>0.75</td>
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<td>10.27</td>
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<tr>
<td>32-907</td>
<td>5/8&quot; x 5/8&quot;</td>
<td>7/8-14</td>
<td>2.62</td>
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SAE/JIC DUAL 45°/37° FEMALE SWIVEL

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<th>B</th>
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<td>0.87</td>
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<td>1.57</td>
<td>0.87</td>
<td>0.62</td>
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<tr>
<td>30-232</td>
<td>5/16&quot; x 5/16&quot;</td>
<td>1/2-20</td>
<td>1.56</td>
<td>0.87</td>
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<tr>
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<td>1.79</td>
<td>0.97</td>
<td>0.87</td>
<td>0.10</td>
<td>4.99</td>
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<tr>
<td>30-234 *</td>
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<td>1.77</td>
<td>0.97</td>
<td>0.87</td>
<td>0.10</td>
<td>4.57</td>
</tr>
<tr>
<td>30-235</td>
<td>1/2&quot; x 5/8&quot;</td>
<td>7/8-14</td>
<td>1.84</td>
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<td>2.27</td>
<td>1.45</td>
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<tr>
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<td>2.33</td>
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<td>0.20</td>
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* See page 34 for stainless

Some product stocked in Houston and Atlanta.

Dimension data can change without notice. Please call us when dimensions are critical.
### PUSH ON HOSE BARB

#### BRASS FITTINGS

#### 45° SAE FLARE FEMALE SWIVEL

<table>
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<td>30-251</td>
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<td>1.57</td>
<td>0.87</td>
<td>0.62</td>
<td>0.04</td>
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<tr>
<td>30-253</td>
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<td>5/8-20</td>
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<td>0.87</td>
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<td>0.06</td>
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<td>0.75</td>
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### FEMALE 37° JIC FLARE SWIVEL

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<th>UNF Thread</th>
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<th>B</th>
<th>Hex</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
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<td>9/16-18</td>
<td>1.60</td>
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<td>0.68</td>
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<td>0.39</td>
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* *See page 34 for stainless
* More sizes available

### INVERTED FLARE MALE SWIVEL

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<thead>
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<th>Part #</th>
<th>Hose I.D. x Male INV Flare</th>
<th>UNF Thread</th>
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<th>B</th>
<th>Hex</th>
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<th>List Price</th>
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* Some product stocked in Houston and Atlanta.
BRASS FITTINGS

INVERTED FLARE FEMALE ADAPTER

<table>
<thead>
<tr>
<th>Part #</th>
<th>Hose I.D. x Female INV Flare</th>
<th>A</th>
<th>B</th>
<th>Hex</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>30-310</td>
<td>1/4” x 3/16&quot;</td>
<td>1.12</td>
<td>0.84</td>
<td>0.50</td>
<td>0.02</td>
<td>5.66</td>
</tr>
<tr>
<td>30-311</td>
<td>1/4” x 1/4&quot;</td>
<td>1.14</td>
<td>0.84</td>
<td>0.56</td>
<td>0.02</td>
<td>5.45</td>
</tr>
<tr>
<td>30-312</td>
<td>1/4” x 5/16&quot;</td>
<td>1.18</td>
<td>0.84</td>
<td>0.62</td>
<td>0.02</td>
<td>8.80</td>
</tr>
<tr>
<td>30-316</td>
<td>5/16” x 5/16”</td>
<td>1.25</td>
<td>0.81</td>
<td>0.62</td>
<td>0.04</td>
<td>11.74</td>
</tr>
<tr>
<td>30-313</td>
<td>3/8” x 5/16”</td>
<td>1.32</td>
<td>0.87</td>
<td>0.62</td>
<td>0.04</td>
<td>8.38</td>
</tr>
<tr>
<td>30-314</td>
<td>3/8” x 3/8”</td>
<td>1.35</td>
<td>0.95</td>
<td>0.75</td>
<td>0.06</td>
<td>7.55</td>
</tr>
<tr>
<td>30-315</td>
<td>1/2” x 1/2”</td>
<td>1.73</td>
<td>1.04</td>
<td>0.87</td>
<td>0.12</td>
<td>20.90</td>
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FEMALE BALLSEAT SWIVEL

<table>
<thead>
<tr>
<th>Part #</th>
<th>Hose I.D. x Female INV Flare</th>
<th>A</th>
<th>B</th>
<th>Hex</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
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<td>30-315</td>
<td>1/2” x 1/2”</td>
<td>1.73</td>
<td>1.04</td>
<td>0.87</td>
<td>0.12</td>
<td>20.90</td>
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SAE/ JIC 37°/ 45° FEMALE SWIVEL 90° ZINC PLATED STEEL

<table>
<thead>
<tr>
<th>Part #</th>
<th>Hose I.D. x Female 37°/45°</th>
<th>UNF Thread</th>
<th>A</th>
<th>B</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>30-480</td>
<td>1/4”</td>
<td>7/16-20</td>
<td>1.55</td>
<td>0.83</td>
<td>.064</td>
<td>31.57</td>
</tr>
<tr>
<td>30-482</td>
<td>3/8”</td>
<td>9/16-18</td>
<td>1.85</td>
<td>0.91</td>
<td>.095</td>
<td>30.21</td>
</tr>
<tr>
<td>30-483*</td>
<td>3/8”</td>
<td>5/8-18</td>
<td>1.98</td>
<td>0.85</td>
<td>.095</td>
<td>39.21</td>
</tr>
<tr>
<td>30-484</td>
<td>1/2”</td>
<td>3/4-16</td>
<td>2.33</td>
<td>1.09</td>
<td>.171</td>
<td>43.22</td>
</tr>
<tr>
<td>30-486</td>
<td>3/4”</td>
<td>1-1/16-12</td>
<td>3.26</td>
<td>1.81</td>
<td>.281</td>
<td>115.97</td>
</tr>
</tbody>
</table>

*S A E

SOMETIMES YOU NEVER REALIZE THE VALUE OF A MOMENT UNTIL IT BECOMES A MEMORY

- DR. SEUSS
STAINLESS STEEL PUSH ON 304/316 HOSE BARB

STAINLESS STEEL MALE ADAPTERS

<table>
<thead>
<tr>
<th>Part #</th>
<th>Hose I.D. x NPT</th>
<th>A</th>
<th>B</th>
<th>Hex</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>30-200SS</td>
<td>1/4&quot; x 1/8&quot;</td>
<td>1.42</td>
<td>0.77</td>
<td>0.44</td>
<td>0.027</td>
<td>9.99</td>
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<tr>
<td>30-201SS</td>
<td>1/4&quot; x 1/4&quot;</td>
<td>1.61</td>
<td>0.77</td>
<td>0.56</td>
<td>0.043</td>
<td>10.00</td>
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<tr>
<td>30-203SS</td>
<td>3/8&quot; x 1/4&quot;</td>
<td>1.76</td>
<td>0.92</td>
<td>0.56</td>
<td>0.053</td>
<td>11.20</td>
</tr>
<tr>
<td>30-204SS</td>
<td>3/8&quot; x 3/8&quot;</td>
<td>1.76</td>
<td>0.92</td>
<td>0.69</td>
<td>0.067</td>
<td>12.25</td>
</tr>
<tr>
<td>30-206SS</td>
<td>1/2&quot; x 3/8&quot;</td>
<td>1.86</td>
<td>1.02</td>
<td>0.69</td>
<td>0.071</td>
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<td>30-207SS</td>
<td>1/2&quot; x 1/2&quot;</td>
<td>2.07</td>
<td>1.02</td>
<td>0.88</td>
<td>0.119</td>
<td>27.38</td>
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<tr>
<td>30-215SS</td>
<td>3/4&quot; x 1/2&quot;</td>
<td>2.55</td>
<td>1.50</td>
<td>0.88</td>
<td>0.20</td>
<td>31.30</td>
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<tr>
<td>30-210SS</td>
<td>3/4&quot; x 3/4&quot;</td>
<td>2.55</td>
<td>1.50</td>
<td>1.06</td>
<td>0.194</td>
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STAINLESS STEEL SAE/ JIC 45°/ 37° FEMALE SWIVEL

<table>
<thead>
<tr>
<th>Part #</th>
<th>Hose I.D. x Female 45°/37°</th>
<th>A</th>
<th>B</th>
<th>Hex</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
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<tbody>
<tr>
<td>30-230SS</td>
<td>1/4&quot; x 1/4&quot;</td>
<td>2.03</td>
<td>0.97</td>
<td>0.56</td>
<td>0.023</td>
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<tr>
<td>30-234SS</td>
<td>1/2&quot; x 1/2&quot;</td>
<td>2.06</td>
<td>0.97</td>
<td>0.88</td>
<td>0.04</td>
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STAINLESS STEEL FEMALE 37° JIC FLARE SWIVEL

<table>
<thead>
<tr>
<th>Part #</th>
<th>Hose I.D. x Female 37°</th>
<th>A</th>
<th>B</th>
<th>Hex</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>30-266SS</td>
<td>3/8&quot; x 3/8&quot;</td>
<td>1.75</td>
<td>.92</td>
<td>1.06</td>
<td>0.065</td>
<td>35.90</td>
</tr>
<tr>
<td>30-269SS</td>
<td>3/4&quot; x 3/4&quot;</td>
<td>2.53</td>
<td>1.50</td>
<td>1.25</td>
<td>0.259</td>
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STAINLESS STEEL HOSE SPLICER

<table>
<thead>
<tr>
<th>Part #</th>
<th>Hose I.D. x Tube O.D.</th>
<th>A</th>
<th>Approx. Wt. Lbs.</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>30-300SS</td>
<td>1/4&quot;</td>
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<td>0.025</td>
<td>46.49</td>
</tr>
<tr>
<td>30-301SS</td>
<td>3/8&quot;</td>
<td>2.05</td>
<td>0.051</td>
<td>53.41</td>
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<tr>
<td>30-302SS</td>
<td>1/2&quot;</td>
<td>2.25</td>
<td>0.073</td>
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