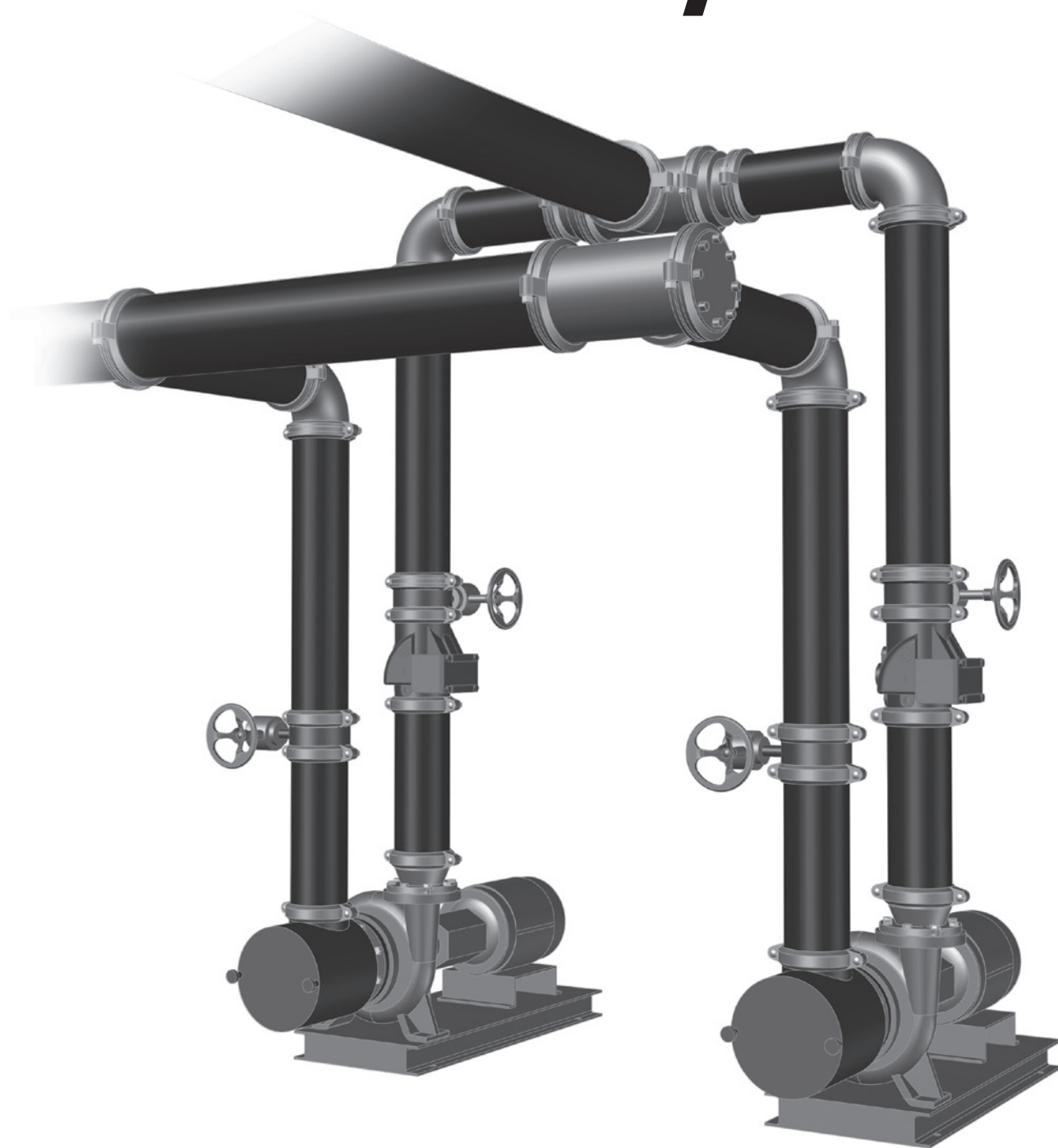




# Grinnell

## Mechanical Products



**U.S. List Prices**

Effective September 2016

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Mechanical Products

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**GRINNELL Gasket Styles, Grades and Recommendations**

**Standard**

The standard style gasket, with a “C” shape configuration, is the most commonly used. It is provided as the standard gasket in the Figure 705, 707, 770, 772, 405, and 472 GRINNELL Couplings. The gasket is available in Grade “E” and “EN” EPDM Grade “T” Nitrile, Grade “L” Silicone, and Grade “O” Fluoroelastomer.



**Tri-Seal**

The tri-seal gasket is designed to close off the gap or gasket cavity. This is accomplished by positioning the center “rib” of the gasket over the gap between the pipes. The tri-seal gasket has two tapered sealing edges in addition to the center rib for additional strength and sealing. The Tri-Seal gasket can be used with the Figure 705, 707, 770, 772, 405, 472, and 672 GRINNELL Couplings. The gasket is available in Grade “E”, “EN” EPDM and Grade “T” Nitrile.



**Note:** Rigid couplings are recommended for vacuum and low temperature applications

**Reducing Coupling**

The reducing gasket is provided with ribs used to position the larger pipe so that the sealing lip is located on the sealing surface of the pipe. This gasket is used only with the Figure 716 GRINNELL Reducing Coupling and is available in Grade “E” EPDM and Grade “T” Nitrile.



**Note:** Reducing couplings are not recommended for low temperature applications.

**Center-Stop Push-On**

The Grade “EHT” EPDM Center-Stop, Push-On Style Gasket is specially designed for easy installation of the GRINNELL Figure 640 Pivot-Bolt Coupling.



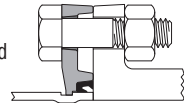
**Plain End Coupling**

This gasket is designed for use with the Figure 909 and Figure 9095 Plain End Coupling.



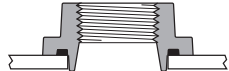
**Flange Adapter**

This gasket is specifically designed for use with the Figure 71 and 61 Flange Adapter. The gasket has an optimal amount of rubber to provide a dependable seal between both the pipe and mating surface. The gasket is available in Grade “E” EPDM and Grade “T” Nitrile.



**Mechanical Tee, Cross and Strap**

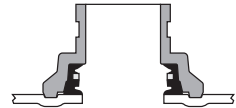
The gasket provides a compression type seal, which is designed to conform to the exterior curve (OD) of the pipe. This design is unique to both the Figure 730 Mechanical Tee (threaded and grooved) and Figure 40-5 Strap. The gasket is available in Grade “E” EPDM and Grade “T” Nitrile.



**Note:** When used in low temperature applications, use a petroleum-free silicone based lubricant, otherwise no lubricant is required on Mechanical Tee and Strap gaskets

**Outlet Coupling**

This gasket is specifically designed for use with the GRINNELL Figure 702 Outlet Coupling.



**GRINNELL Gaskets are designed exclusively for use with GRINNELL manufactured coupling housings. The mixing of other manufacturer's gaskets or housings with GRINNELL Gaskets or Housings may result in pipe joint leakage or failure and will void the Tyco Mechanical Products limited warranty.**

The Gasket Recommendation Table has been developed to maximize service life. The table was developed from information supplied by the elastomer material manufacturers, reference technical literature, and testing conducted by Tyco Mechanical Products  
In evaluating the gasket grade for intended service, consider the following: system operating temperature, fluid or solution concentration, and duration of service.

All gasket recommendations are based on a temperature of 70°F (21°C) unless otherwise noted.  
When considering combinations of service solutions, consult Technical Services and Mechanical Services. (Phone 866-500-4768).  
Tyco Mechanical Products for recommendations for services not listed.  
Gasket recommendations apply to GRINNELL Gaskets and Valves only.

| Grade                                               | Temperature Range                                                                                      | Compound        | Color Code                   | General Service Application                                                                                                                                                                                                             |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| “E”                                                 | -30°F to 230°F<br>(-34°C to 110°C)                                                                     | EPDM            | Green<br>Striped             | Hot water, dilute acids, alkalies, oil free air, and many chemical services not involving petroleum products. Excellent oxidation resistance.<br><b>NOT FOR USE WITH HYDROCARBONS.</b><br><b>NOT RECOMMENDED FOR STEAM SERVICE</b>      |
| “E”<br>Tri- Seal                                    | -30°F to 230°F<br>(-34°C to 110°C)                                                                     | EPDM            | Green<br>Striped             | Hot water, dilute acids, alkalies, and many chemical services not involving petroleum products. Excellent oxidation resistance.<br><b>NOT FOR USE WITH HYDROCARBONS.</b><br><b>Recommended for low temperature and vacuum services.</b> |
| “EN” and “EN”<br>Tri-Seal IPS Pipe                  | Cold and Hot Potable Water<br>up to 180°F (82°C)                                                       | EPDM            | Green/Yellow<br>Stripe       | <b>IPS Sizes Only</b> , NSF 61 Approved for potable water.<br><b>NOT RECOMMENDED FOR HYDROCARBONS.</b>                                                                                                                                  |
| “EN” Transition<br>(IPS to CTS)                     | Cold and Hot Potable Water<br>up to 180°F (82°C)                                                       | EPDM            | Green/Copper<br>Stripe       | <b>Transition from IPS to CTS sizes only.</b><br>NSF 61 Approved for potable water.                                                                                                                                                     |
| “EN” Tri-Seal<br>Copper Tubing                      | Cold and Hot Potable Water<br>up to 180°F (82°C)                                                       | EPDM            | Copper<br>Striped            | <b>CTS Sizes Only</b> , NSF 61 Approved for potable water.<br><b>NOT RECOMMENDED FOR HYDROCARBONS.</b>                                                                                                                                  |
| “EHT” Center-Stop<br>Push-On Style<br>Copper Tubing | For closed-loop heating systems<br>-30°F to 250°F (-34°C to 120°C)<br>Potable Water up to 180°F (82°C) | EPDM            | Red and<br>Copper<br>Striped | <b>CTS Sizes Only</b> , NSF 61 Approved for potable water.<br>Recommended for use in low temperature and vacuum systems<br><b>NOT RECOMMENDED FOR HYDROCARBONS.</b>                                                                     |
| “T” and<br>“T” Tri- Seal                            | -20°F to 180°F<br>(-29°C to 82°C)                                                                      | Nitrile         | Orange<br>Striped            | Petroleum products, vegetable oils, mineral oils and air with oils.<br>High-End oil vapor temperature, decrease to 150°F (66°C)<br><b>Not Recommended for Hot Water Systems.</b><br><b>Not Recommended for Hot Dry Air Systems</b>      |
| “O”                                                 | +20°F to 300°F<br>(-7°C to 149°C)                                                                      | Fluoroelastomer | Blue<br>Striped              | Oxidizing acids, petroleum products, hydraulic fluids, lubricants, halogenated hydrocarbons.                                                                                                                                            |
| “L”                                                 | -30°F to 350°F (-34°C to 177°C)                                                                        | Silicone *      | Red Gasket                   | Air without hydrocarbons, dry heat.                                                                                                                                                                                                     |

\* To prevent gasket from deteriorating, NEVER use silicone-based lubricants with Grade “L” Silicone gaskets

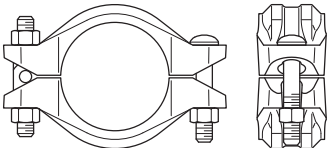
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**#740 Rapid Installation Pivot-Bolt (GRIP) Rigid Coupling**  
**with Grade “EHT” EPDM or Grade “T” Nitrile Center-Stop Push-On Style Gasket**

|                                                                                   | <i>Nominal Size</i> | <i>Painted</i>          |                          |                   | <i>Galvanized</i>       |                          |                   |
|-----------------------------------------------------------------------------------|---------------------|-------------------------|--------------------------|-------------------|-------------------------|--------------------------|-------------------|
|                                                                                   |                     | <i>Grade “EHT” EPDM</i> | <i>Grade “T” Nitrile</i> | <i>List Price</i> | <i>Grade “EHT” EPDM</i> | <i>Grade “T” Nitrile</i> | <i>List Price</i> |
|  | 2"                  | 74020EHT                | 74020TS                  | \$76.50           | 74020EGHT               | 74020TGS                 | \$96.50           |
|                                                                                   | 2½"                 | 74025EHT                | 74025TS                  | \$87.50           | 74025EGHT               | 74025TGS                 | \$110.00          |
|                                                                                   | 3"                  | 74030EHT                | 74030TS                  | \$100.50          | 74030EGHT               | 74030TGS                 | \$128.50          |
|                                                                                   | 4"                  | 74040EHT                | 74040TS                  | \$140.50          | 74040EGHT               | 74040TGS                 | \$181.50          |
|                                                                                   | 5"                  | 74050EHT                | 74050TS                  | \$181.50          | 74050EGHT               | 74050TGS                 | \$236.00          |
|                                                                                   | 6"                  | 74060EHT                | 74060TS                  | \$238.00          | 74060EGHT               | 74060TGS                 | \$309.00          |
|                                                                                   | 8"                  | 74080EHT                | 74080TS                  | \$375.50          | 74080EGHT               | 74080TGS                 | \$488.50          |

**Technical Data Sheet: G144**

All standard couplings can be provided with stainless steel nuts and bolts upon request.  
See latest catalog or technical data sheets for specific approvals, listings, and design parameters.  
POA = Price on availability. Prices subject to change without notice.

**Rev. 1**

# Tyco Mechanical Products

## Section 2 – Couplings & Fittings



### #772 Rigid Coupling with Grade "E" EPDM or Grade "T" Nitrile Gasket

|                            | Nominal Size | Painted        |                   |            | Galvanized     |                   |            |
|----------------------------|--------------|----------------|-------------------|------------|----------------|-------------------|------------|
|                            |              | Grade "E" EPDM | Grade "T" Nitrile | List Price | Grade "E" EPDM | Grade "T" Nitrile | List Price |
|                            | 1 1/4"       | 77213ES        | 77213TS           | \$65.50    | 77213EGS       | 77213TGS          | \$82.50    |
|                            | 1 1/2"       | 77215ES        | 77215TS           | \$70.00    | 77215EGS       | 77215TGS          | \$88.00    |
|                            | 2"           | 77220HES       | 77220HTS          | \$76.50    | 77220HEGS      | 77220HTGS         | \$96.50    |
|                            | 2 1/2"       | 77225HES       | 77225HTS          | \$87.50    | 77225HEGS      | 77225HTGS         | \$110.00   |
|                            | 3"           | 77230HES       | 77230HTS          | \$100.50   | 77230HEGS      | 77230HTGS         | \$128.50   |
|                            | 4"           | 77240HES       | 77240HTS          | \$140.50   | 77240HEGS      | 77240HTGS         | \$181.50   |
|                            | 5"           | 77250ES        | 77250TS           | \$181.50   | 77250EGS       | 77250TGS          | \$236.00   |
|                            | 6"           | 77260ES        | 77260TS           | \$238.00   | 77260EGS       | 77260TGS          | \$309.00   |
|                            | 8"           | 77280ES        | 77280TS           | \$375.50   | 77280EGS       | 77280TGS          | \$488.50   |
|                            | 10"          | 77210ES        | 77210TS           | \$728.50   | 77210EGS       | 77210TGS          | \$971.50   |
|                            | 12"          | 77212ES        | 77212TS           | \$814.00   | 77212EGS       | 77212TGS          | \$1,090.00 |
|                            | 14"          | 77214ES        | 77214TS           | \$771.50   | 77214EGS       | 77214TGS          | \$990.00   |
|                            | 16"          | 77216ES        | 77216TS           | \$944.50   | 77216EGS       | 77216TGS          | \$1,205.50 |
|                            | 18"          | 77218ES        | 77218TS           | \$1,091.50 | 77218EGS       | 77218TGS          | \$1,414.00 |
|                            | 20"          | 77221ES        | 77221TS           | \$1,491.50 | 77221EGS       | 77221TGS          | \$1,869.00 |
|                            | 24"          | 77224ES        | 77224TS           | \$1,912.00 | 77224EGS       | 77224TGS          | \$2,422.00 |
| Technical Data Sheet: G141 |              |                |                   |            |                |                   |            |

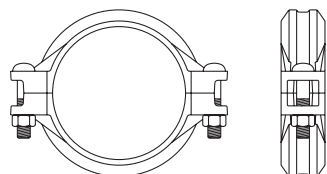
### #772 Rigid Coupling with Grade "E" EPDM or Grade "T" Nitrile Tri-Seal Gasket

|                                                                          | Nominal Size | Painted        |                   |            | Galvanized     |                   |            |
|--------------------------------------------------------------------------|--------------|----------------|-------------------|------------|----------------|-------------------|------------|
|                                                                          |              | Grade "E" EPDM | Grade "T" Nitrile | List Price | Grade "E" EPDM | Grade "T" Nitrile | List Price |
|                                                                          | 1 1/4"       | 77213E3S       | 77213T3S          | \$93.00    | 77213E3GS      | 77213T3GS         | \$110.50   |
|                                                                          | 1 1/2"       | 77215E3S       | 77215T3S          | \$99.50    | 77215E3GS      | 77215T3GS         | \$118.00   |
|                                                                          | 2"           | 77220HE3S      | 77220HT3S         | \$117.00   | 77220HE3GS     | 77220HT3GS        | \$140.00   |
|                                                                          | 2 1/2"       | 77225HE3S      | 77225HT3S         | \$140.50   | 77225HE3GS     | 77225HT3GS        | \$164.50   |
|                                                                          | 3"           | 77230HE3S      | 77230HT3S         | \$148.50   | 77230HE3GS     | 77230HT3GS        | \$182.00   |
|                                                                          | 4"           | 77240HE3S      | 77240HT3S         | \$207.50   | 77240HE3GS     | 77240HT3GS        | \$255.50   |
|                                                                          | 5"           | 77250E3S       | 77250T3S          | \$328.00   | 77250E3GS      | 77250T3GS         | \$577.50   |
|                                                                          | 6"           | 77260E3S       | 77260T3S          | \$386.50   | 77260E3GS      | 77260T3GS         | \$473.00   |
|                                                                          | 8"           | 77280E3S       | 77280T3S          | \$510.50   | 77280E3GS      | 77280T3GS         | \$639.00   |
|                                                                          | 10"          | 77210E3S       | 77210T3S          | \$1,022.50 | 77210E3GS      | 77210T3GS         | \$1,298.00 |
|                                                                          | 12"          | 77212E3S       | 77212T3S          | \$1,162.50 | 77212E3GS      | 77212T3GS         | \$1,494.50 |
|                                                                          | 14"          | 77214E3S       | 77214T3S          | \$771.50   | 77214E3GS      | 77214T3GS         | \$990.00   |
|                                                                          | 16"          | 77216E3S       | 77216T3S          | \$944.50   | 77216E3GS      | 77216T3GS         | \$1,205.50 |
|                                                                          | 18"          | 77218E3S       | 77218T3S          | \$1,091.50 | 77218E3GS      | 77218T3GS         | \$1,414.00 |
|                                                                          | 20"          | 77221E3S       | 77221T3S          | \$1,491.50 | 77221E3GS      | 77221T3GS         | \$1,869.00 |
|                                                                          | 24"          | 77224E3S       | 77224T3S          | \$1,912.00 | 77224E3GS      | 77224T3GS         | \$2,422.00 |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned. |              |                |                   |            |                |                   |            |
| Technical Data Sheet: G141                                               |              |                |                   |            |                |                   |            |

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### #772 Rigid Coupling with Grade “L” Silicone Gasket

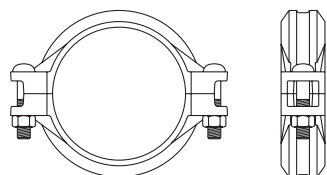


| Nominal Size | Painted  | List Price | Galvanized | List Price |
|--------------|----------|------------|------------|------------|
| 1 1/4"       | 77213LS  | \$151.00   | 77213LGS   | \$166.50   |
| 1 1/2"       | 77215LS  | \$215.50   | 77215LGS   | \$232.50   |
| 2"           | 77220HLS | \$170.00   | 77220HLGS  | \$191.00   |
| 2 1/2"       | 77225HLS | \$193.00   | 77225HLGS  | \$219.50   |
| 3"           | 77230HLS | \$217.00   | 77230HLGS  | \$248.50   |
| 4"           | 77240HLS | \$322.00   | 77240HLGS  | \$368.00   |
| 5"           | 77250LS  | \$579.00   | 77250LGS   | \$638.50   |
| 6"           | 77260LS  | \$680.00   | 77260LGS   | \$756.50   |
| 8"           | 77280LS  | \$850.50   | 77280LGS   | \$971.50   |
| 10"          | 77210LS  | \$1,539.50 | 77210LGS   | \$1,823.50 |
| 12"          | 77212LS  | \$1,766.50 | 77212LGS   | \$2,089.00 |
| 14"          | 77214LS  | \$1,819.00 | 77214LGS   | \$2,024.50 |
| 16"          | 77216LS  | \$2,001.50 | 77216LGS   | \$2,262.00 |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G141

### #772 Rigid Coupling with Grade “O” Fluoroelastomer Gasket



| Nominal Size | Painted  | List Price | Galvanized | List Price |
|--------------|----------|------------|------------|------------|
| 1 1/4"       | 772130S  | \$409.50   | 772130GS   | \$428.00   |
| 1 1/2"       | 772150S  | \$457.50   | 772150GS   | \$475.50   |
| 2"           | 77220HOS | \$435.50   | 77220HOGS  | \$456.50   |
| 2 1/2"       | 77225HOS | \$490.00   | 77225HOGS  | \$514.50   |
| 3"           | 77230HOS | \$547.00   | 77230HOGS  | \$579.00   |
| 4"           | 77240HOS | \$895.50   | 77240HOGS  | \$940.50   |
| 5"           | 772500S  | \$975.50   | 772500GS   | \$1,036.00 |
| 6"           | 772600S  | \$1,226.00 | 772600GS   | \$1,303.50 |
| 8"           | 772800S  | \$1,489.00 | 772800GS   | \$1,610.50 |
| 10"          | 772100S  | \$2,525.50 | 772100GS   | \$2,808.50 |
| 12"          | 772120S  | \$3,496.50 | 772120GS   | \$3,818.50 |
| 14"          | 772140S  | POA        | 772140GS   | POA        |
| 16"          | 772160S  | POA        | 772160GS   | POA        |
| 18"          | 772180S  | POA        | 772180GS   | POA        |
| 20"          | 772210S  | POA        | 772210GS   | POA        |
| 24"          | 772240S  | POA        | 772240GS   | POA        |

Orders for items in shaded areas **cannot** be cancelled or returned.

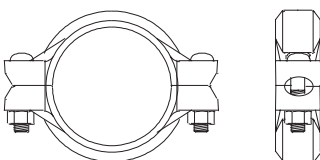
Technical Data Sheet: G141

# Tyco Mechanical Products

## Section 2 – Couplings & Fittings



### #705 Flexible Coupling with Grade “E” EPDM or Grade “T” Nitrile Gasket

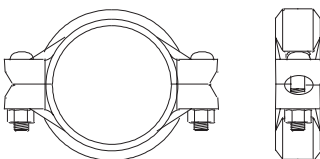
|                                                                                   | Nominal Size | Painted        |                   |            | Galvanized     |                   |            |
|-----------------------------------------------------------------------------------|--------------|----------------|-------------------|------------|----------------|-------------------|------------|
|                                                                                   |              | Grade “E” EPDM | Grade “T” Nitrile | List Price | Grade “E” EPDM | Grade “T” Nitrile | List Price |
|  | 1 1/4"       | 70513ES        | 70513TS           | \$52.00    | 70513EGS       | 70513TGS          | \$67.50    |
|                                                                                   | 1 1/2"       | 70515ES        | 70515TS           | \$63.50    | 70515EGS       | 70515TGS          | \$78.50    |
|                                                                                   | 2"           | 70520ES        | 70520TS           | \$77.00    | 70520EGS       | 70520TGS          | \$101.00   |
|                                                                                   | 2 1/2"       | 70525ES        | 70525TS           | \$89.50    | 70525EGS       | 70525TGS          | \$125.00   |
|                                                                                   | 3"           | 70530ES        | 70530TS           | \$99.50    | 70530EGS       | 70530TGS          | \$137.00   |
|                                                                                   | 4"           | 70540ES        | 70540TS           | \$143.00   | 70540EGS       | 70540TGS          | \$201.00   |
|                                                                                   | 5"           | 70550ES        | 70550TS           | \$215.50   | 70550EGS       | 70550TGS          | \$309.00   |
|                                                                                   | 6"           | 70560ES        | 70560TS           | \$255.00   | 70560EGS       | 70560TGS          | \$365.00   |
|                                                                                   | 8"           | 70580ES        | 70580TS           | \$413.50   | 70580EGS       | 70580TGS          | \$614.50   |
|                                                                                   | 10"          | 70510ES        | 70510TS           | \$674.00   | 70510EGS       | 70510TGS          | \$965.00   |
|                                                                                   | 12"          | 70512ES        | 70512TS           | \$766.00   | 70512EGS       | 70512TGS          | \$1,096.50 |

Orders for items in shaded areas **cannot** be cancelled or returned.

\* Items subject to minimum order quantities.

Technical Data Sheet: G110

### #705 Flexible Coupling with Grade “E” EPDM or Grade “T” Nitrile Tri-Seal Gasket

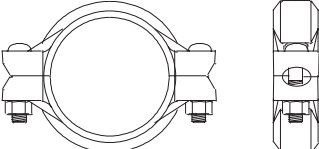
|                                                                                     | Nominal Size | Painted        |                   |            | Galvanized     |                   |            |
|-------------------------------------------------------------------------------------|--------------|----------------|-------------------|------------|----------------|-------------------|------------|
|                                                                                     |              | Grade “E” EPDM | Grade “T” Nitrile | List Price | Grade “E” EPDM | Grade “T” Nitrile | List Price |
|  | 1 1/4"       | 70513E3S       | 70513T3S          | \$84.50    | 70513E3GS      | 70513T3GS         | \$100.50   |
|                                                                                     | 1 1/2"       | 70515E3S       | 70515T3S          | \$92.00    | 70515E3GS      | 70515T3GS         | \$110.00   |
|                                                                                     | 2"           | 70520E3S       | 70520T3S          | \$95.00    | 70520E3GS      | 70520T3GS         | \$113.50   |
|                                                                                     | 2 1/2"       | 70525E3S       | 70525T3S          | \$113.50   | 70525E3GS      | 70525T3GS         | \$133.50   |
|                                                                                     | 3"           | 70530E3S       | 70530T3S          | \$119.50   | 70530E3GS      | 70530T3GS         | \$144.00   |
|                                                                                     | 4"           | 70540E3S       | 70540T3S          | \$170.50   | 70540E3GS      | 70540T3GS         | \$208.50   |
|                                                                                     | 5"           | 70550E3S       | 70550T3S          | \$289.50   | 70550E3GS      | 70550T3GS         | \$344.50   |
|                                                                                     | 6"           | 70560E3S       | 70560T3S          | \$320.00   | 70560E3GS      | 70560T3GS         | \$388.00   |
|                                                                                     | 8"           | 70580E3S       | 70580T3S          | \$531.50   | 70580E3GS      | 70580T3GS         | \$637.00   |
|                                                                                     | 10"          | 70510E3S       | 70510T3S          | \$799.50   | 70510E3GS      | 70510T3GS         | \$1,074.50 |
|                                                                                     | 12"          | 70512E3S       | 70512T3S          | \$938.50   | 70512E3GS      | 70512T3GS         | \$1,236.00 |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G110

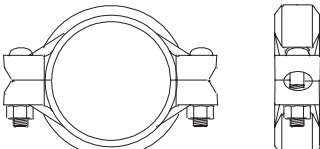
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**#705 Flexible Coupling  
with Grade “L” Silicone Gasket**

|  | <i>Nominal Size</i> | <i>Painted</i> | <i>List Price</i> | <i>Galvanized</i> | <i>List Price</i> |
|-----------------------------------------------------------------------------------|---------------------|----------------|-------------------|-------------------|-------------------|
|                                                                                   | 1 1/4"              | 70513LS        | \$193.50          | 70513LGS          | \$209.00          |
|                                                                                   | 1 1/2"              | 70515LS        | \$210.50          | 70515LGS          | \$226.00          |
|                                                                                   | 2"                  | 70520LS        | \$140.50          | 70520LGS          | \$156.00          |
|                                                                                   | 2 1/2"              | 70525LS        | \$161.00          | 70525LGS          | \$179.00          |
|                                                                                   | 3"                  | 70530LS        | \$178.00          | 70530LGS          | \$201.00          |
|                                                                                   | 4"                  | 70540LS        | \$266.50          | 70540LGS          | \$301.00          |
|                                                                                   | 5"                  | 70550LS        | \$499.50          | 70550LGS          | \$548.50          |
|                                                                                   | 6"                  | 70560LS        | \$566.00          | 70560LGS          | \$625.00          |
|                                                                                   | 8"                  | 70580LS        | \$697.50          | 70580LGS          | \$802.00          |
|                                                                                   | 10"                 | 70510LS        | \$1,176.00        | 70510LGS          | \$1,467.00        |
|                                                                                   | 12"                 | 70512LS        | \$1,362.00        | 70512LGS          | \$1,692.50        |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G110**
**#705 Flexible Coupling  
with Grade “O” Fluoroelastomer Gasket**

|  | <i>Nominal Size</i> | <i>Painted</i> | <i>List Price</i> |
|-------------------------------------------------------------------------------------|---------------------|----------------|-------------------|
|                                                                                     | 1 1/4"              | 705130S        | POA               |
|                                                                                     | 1 1/2"              | 705150S        | POA               |
|                                                                                     | 2"                  | 705200S        | POA               |
|                                                                                     | 2 1/2"              | 705250S        | POA               |
|                                                                                     | 3"                  | 705300S        | POA               |
|                                                                                     | 4"                  | 705400S        | POA               |
|                                                                                     | 5"                  | 705500S        | POA               |
|                                                                                     | 6"                  | 705600S        | POA               |
|                                                                                     | 8"                  | 705800S        | POA               |
|                                                                                     | 10"                 | 705100S        | POA               |
|                                                                                     | 12"                 | 705120S        | POA               |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G110**

# Tyco Mechanical Products

## Section 2 – Couplings & Fittings



### #707 Heavy-Duty Flexible Coupling with Grade “E” EPDM or Grade “T” Nitrile Gasket

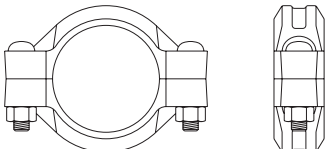
|                                                                          | Nominal Size | Painted        |                   |            | Galvanized     |                   |            |
|--------------------------------------------------------------------------|--------------|----------------|-------------------|------------|----------------|-------------------|------------|
|                                                                          |              | Grade “E” EPDM | Grade “T” Nitrile | List Price | Grade “E” EPDM | Grade “T” Nitrile | List Price |
|                                                                          | 1"           | 70701ES        | 70701TS           | \$50.50    | 70701EGS       | 70701TGS          | \$67.50    |
|                                                                          | 1½"          | 70715ES        | 70715TS           | \$72.00    | 70715EGS       | 70715TGS          | \$93.50    |
|                                                                          | 2"           | 70720ES        | 70720TS           | \$77.00    | 70720EGS       | 70720TGS          | \$101.00   |
|                                                                          | 2½"          | 70725ES        | 70725TS           | \$89.50    | 70725EGS       | 70725TGS          | \$125.00   |
|                                                                          | 3"           | 70730ES        | 70730TS           | \$99.50    | 70730EGS       | 70730TGS          | \$137.00   |
|                                                                          | 4"           | 70740ES        | 70740TS           | \$143.00   | 70740EGS       | 70740TGS          | \$201.00   |
|                                                                          | 5"           | 70750ES        | 70750TS           | \$215.50   | 70750EGS       | 70750TGS          | \$309.00   |
|                                                                          | 6"           | 70760ES        | 70760TS           | \$255.00   | 70760EGS       | 70760TGS          | \$365.00   |
|                                                                          | 8"           | 70780ES        | 70780TS           | \$413.50   | 70780EGS       | 70780TGS          | \$614.50   |
|                                                                          | 10"          | 70710ES        | 70710TS           | \$673.50   | 70710EGS       | 70710TGS          | \$964.50   |
|                                                                          | 12"          | 70712ES        | 70712TS           | \$765.50   | 70712EGS       | 70712TGS          | \$1,095.00 |
|                                                                          | 14"          | 70714ES        | 70714TS           | \$1,095.00 | 70714EGS       | 70714TGS          | \$1,511.00 |
|                                                                          | 16"          | 70716ES        | 70716TS           | \$1,436.00 | 70716EGS       | 70716TGS          | \$1,947.00 |
|                                                                          | 18"          | 70718ES        | 70718TS           | \$1,680.50 | 70718EGS       | 70718TGS          | \$2,328.00 |
|                                                                          | 20"          | 70721ES        | 70721TS           | \$2,640.50 | 70721EGS       | 70721TGS          | \$3,554.00 |
|                                                                          | 24"          | 70724ES        | 70724TS           | \$2,893.50 | 70724EGS       | 70724TGS          | \$3,885.50 |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned. |              |                |                   |            |                |                   |            |
| Technical Data Sheet: G130                                               |              |                |                   |            |                |                   |            |

### #707 Heavy-Duty Flexible Coupling with Grade “E” EPDM or Grade “T” Nitrile Tri-Seal Gasket

|                                                                          | Nominal Size | Painted        |                   |            | Galvanized     |                   |            |
|--------------------------------------------------------------------------|--------------|----------------|-------------------|------------|----------------|-------------------|------------|
|                                                                          |              | Grade “E” EPDM | Grade “T” Nitrile | List Price | Grade “E” EPDM | Grade “T” Nitrile | List Price |
|                                                                          | 1"           | 70701E3S       | 70701T3S          | \$78.50    | 70701E3GS      | 70701T3GS         | \$96.50    |
|                                                                          | 1½"          | 70715E3S       | 70715T3S          | \$100.50   | 70715E3GS      | 70715T3GS         | \$125.00   |
|                                                                          | 2"           | 70720E3S       | 70720T3S          | \$105.50   | 70720E3GS      | 70720T3GS         | \$132.00   |
|                                                                          | 2½"          | 70725E3S       | 70725T3S          | \$128.00   | 70725E3GS      | 70725T3GS         | \$163.00   |
|                                                                          | 3"           | 70730E3S       | 70730T3S          | \$132.50   | 70730E3GS      | 70730T3GS         | \$171.50   |
|                                                                          | 4"           | 70740E3S       | 70740T3S          | \$191.00   | 70740E3GS      | 70740T3GS         | \$250.00   |
|                                                                          | 5"           | 70750E3S       | 70750T3S          | \$333.00   | 70750E3GS      | 70750T3GS         | \$432.00   |
|                                                                          | 6"           | 70760E3S       | 70760T3S          | \$369.50   | 70760E3GS      | 70760T3GS         | \$484.00   |
|                                                                          | 8"           | 70780E3S       | 70780T3S          | \$498.00   | 70780E3GS      | 70780T3GS         | \$682.50   |
|                                                                          | 10"          | 70710E3S       | 70710T3S          | \$799.00   | 70710E3GS      | 70710T3GS         | \$1,073.50 |
|                                                                          | 12"          | 70712E3S       | 70712T3S          | \$938.00   | 70712E3GS      | 70712T3GS         | \$1,234.50 |
|                                                                          | 14"          | 70714E3S       | 70714T3S          | \$1,222.50 | 70714E3GS      | 70714T3GS         | \$1,619.00 |
|                                                                          | 16"          | 70716E3S       | 70716T3S          | \$1,610.00 | 70716E3GS      | 70716T3GS         | \$2,131.00 |
|                                                                          | 18"          | 70718E3S       | 70718T3S          | \$1,890.00 | 70718E3GS      | 70718T3GS         | \$2,551.00 |
|                                                                          | 20"          | 70721E3S       | 70721T3S          | \$2,963.50 | 70721E3GS      | 70721T3GS         | \$4,126.00 |
|                                                                          | 24"          | 70724E3S       | 70724T3S          | \$3,336.00 | 70724E3GS      | 70724T3GS         | \$4,351.00 |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned. |              |                |                   |            |                |                   |            |
| Technical Data Sheet: G130                                               |              |                |                   |            |                |                   |            |

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**#707 Heavy-Duty Flexible Coupling, Painted\***  
**with Grade “L” Silicone or Grade “O” Fluoroelastomer Gasket**

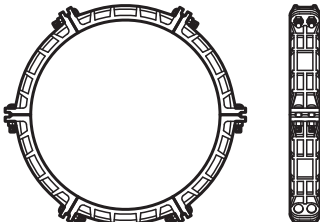
|                                                                                   | Nominal Size | With Grade “L” Silicone Gasket |            | With Grade “O” Fluoroelastomer Gasket |            |
|-----------------------------------------------------------------------------------|--------------|--------------------------------|------------|---------------------------------------|------------|
|                                                                                   |              | Part Number                    | List Price | Part Number                           | List Price |
|  | 1½"          | 70715LS                        | \$218.50   | 707150S                               | \$451.50   |
|                                                                                   | 2"           | 70720LS                        | \$152.00   | 707200S                               | \$379.00   |
|                                                                                   | 2½"          | 70725LS                        | \$176.00   | 707250S                               | \$427.50   |
|                                                                                   | 3"           | 70730LS                        | \$191.50   | 707300S                               | \$475.00   |
|                                                                                   | 4"           | 70740LS                        | \$287.00   | 707400S                               | \$778.50   |
|                                                                                   | 5"           | 70750LS                        | \$542.00   | 707500S                               | \$882.00   |
|                                                                                   | 6"           | 70760LS                        | \$613.00   | 707600S                               | \$1,082.00 |
|                                                                                   | 8"           | 70780LS                        | \$789.50   | 707800S                               | \$1,337.00 |
|                                                                                   | 10"          | 70710LS                        | \$1,174.50 | 707100S                               | \$1,892.50 |
|                                                                                   | 12"          | 70712LS                        | \$1,361.00 | 707120S                               | \$2,619.50 |
|                                                                                   | 14"          | 70714LS                        | \$1,841.00 | 707140S                               | POA        |
|                                                                                   | 16"          | 70716LS                        | \$2,037.50 | 707160S                               | POA        |

\* Galvanized available upon request.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G130**

**#707L Large Diameter Heavy-Duty Flexible Coupling**  
**with Grade “E” EPDM or Grade “T” Nitrile Gasket**

|                                                                                     | Nominal Size | Painted        |                   |            | Galvanized     |                   |            |
|-------------------------------------------------------------------------------------|--------------|----------------|-------------------|------------|----------------|-------------------|------------|
|                                                                                     |              | Grade “E” EPDM | Grade “T” Nitrile | List Price | Grade “E” EPDM | Grade “T” Nitrile | List Price |
|  | 26"          | 707L26ES       | 707L26TS          | POA        | 707L26EGS      | 707L26TGS         | POA        |
|                                                                                     | 28"          | 707L28ES       | 707L28TS          | POA        | 707L28EGS      | 707L28TGS         | POA        |
|                                                                                     | 30"          | 707L30ES       | 707L30TS          | POA        | 707L30EGS      | 707L30TGS         | POA        |
|                                                                                     | 32"          | 707L32ES       | 707L32TS          | POA        | 707L32EGS      | 707L32TGS         | POA        |
|                                                                                     | 36"          | 707L36ES       | 707L36TS          | POA        | 707L36EGS      | 707L36TGS         | POA        |
|                                                                                     | 40"          | 707L40ES       | 707L40TS          | POA        | 707L40EGS      | 707L40TGS         | POA        |
|                                                                                     | 42"          | 707L42ES       | 707L42TS          | POA        | 707L42EGS      | 707L42TGS         | POA        |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G133**

All standard couplings can be provided with stainless steel nuts and bolts upon request.

See latest catalog or technical data sheets for specific approvals, listings, and design parameters.

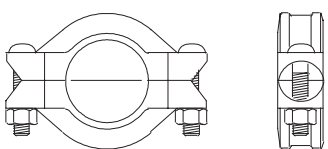
POA = Price on availability. Prices subject to change without notice.

# Tyco Mechanical Products

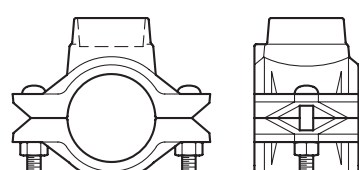
## Section 2 – Couplings & Fittings



### #716 Reducing Coupling with Grade "E" EPDM Gasket or Grade "T" Nitrile Gasket

|                                                                                   | Nominal Size               | Painted        |                   |            | Galvanized     |                   |            |
|-----------------------------------------------------------------------------------|----------------------------|----------------|-------------------|------------|----------------|-------------------|------------|
|                                                                                   |                            | Grade "E" EPDM | Grade "T" Nitrile | List Price | Grade "E" EPDM | Grade "T" Nitrile | List Price |
|  | 2" x 1 1/2"                | 7162015ES      | 7162015TS         | \$101.50   | 7162015EGS     | 7162015TGS        | \$123.00   |
|                                                                                   | 2 1/2" x 2"                | 7162520ES      | 7162520TS         | \$132.00   | 7162520EGS     | 7162520TGS        | \$164.50   |
|                                                                                   | 3" x 2"                    | 7163020ES      | 7163020TS         | \$149.50   | 7163020EGS     | 7163020TGS        | \$189.00   |
|                                                                                   | 3" x 2 1/2"                | 7163025ES      | 7163025TS         | \$130.00   | 7163025EGS     | 7163025TGS        | \$164.50   |
|                                                                                   | 4" x 2"                    | 7164020ES      | 7164020TS         | \$236.00   | 7164020EGS     | 7164020TGS        | \$297.00   |
|                                                                                   | 4" x 2 1/2"                | 7164025ES      | 7164025TS         | \$211.50   | 7164025EGS     | 7164025TGS        | \$278.50   |
|                                                                                   | 4" x 3"                    | 7164030ES      | 7164030TS         | \$199.00   | 7164030EGS     | 7164030TGS        | \$256.00   |
|                                                                                   | 5" x 4"                    | 7165040ES      | 7165040TS         | \$266.50   | 7165040EGS     | 7165040TGS        | \$349.00   |
|                                                                                   | 6" x 4"                    | 7166040ES      | 7166040TS         | \$400.50   | 7166040EGS     | 7166040TGS        | \$504.50   |
|                                                                                   | 6" x 5"                    | 7166050ES      | 7166050TS         | \$351.50   | 7166050EGS     | 7166050TGS        | \$455.00   |
|                                                                                   | 8" x 6"                    | 7168060ES      | 7168060TS         | \$598.50   | 7168060EGS     | 7168060TGS        | \$757.00   |
|                                                                                   | Technical Data Sheet: G120 |                |                   |            |                |                   |            |

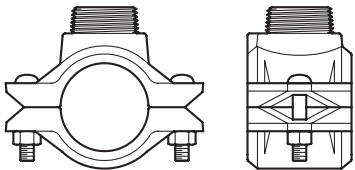
### #702 Outlet Coupling Grade "E" Gasket, Female Threaded End, Painted\*

|                                                                                     | Nominal Size  | Grade "E" EPDM | List Price |
|-------------------------------------------------------------------------------------|---------------|----------------|------------|
|                                                                                     |               |                |            |
|  | 1 1/2" x 1/2" | 7021505FES     | \$134.50   |
|                                                                                     | 1 1/2" x 3/4" | 7021575FES     | \$134.50   |
|                                                                                     | 1 1/2" x 1"   | 7021501FES     | \$134.50   |
|                                                                                     | 2" x 1/2"     | 7022005FES     | \$137.00   |
|                                                                                     | 2" x 3/4"     | 7022075FES     | \$137.00   |
|                                                                                     | 2" x 1"       | 7022001FES     | \$137.00   |
|                                                                                     | 2 1/2" x 1/2" | 7022505FES     | \$210.50   |
|                                                                                     | 2 1/2" x 3/4" | 7022575FES     | \$210.50   |
|                                                                                     | 2 1/2" x 1"   | 7022501FES     | \$210.50   |
|                                                                                     | 3" x 3/4"     | 7023075FES     | \$202.50   |
|                                                                                     | 3" x 1"       | 7023001FES     | \$268.50   |
|                                                                                     | 4" x 3/4"     | 7024075FES     | \$297.00   |
|                                                                                     | 4" x 1"       | 7024001FES     | \$297.00   |
|                                                                                     | 4" x 1 1/2"   | 7024015FES     | \$421.00   |
|                                                                                     | 6" x 1"       | 7026001FES     | \$594.50   |
|                                                                                     | 6" x 1 1/2"   | 7026015FES     | \$594.50   |
| * Galvanized available upon request.                                                |               |                |            |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.            |               |                |            |
| Technical Data Sheet: G220                                                          |               |                |            |

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### #702 Outlet Coupling

#### Grade “E” Gasket, Male Threaded End, Painted\*

|  | Nominal Size | Grade “E” EPDM | List Price |
|-----------------------------------------------------------------------------------|--------------|----------------|------------|
|                                                                                   | 2" x 1"      | 7022001MES     | \$137.00   |
|                                                                                   | 2½" x 1¼"    | 7022513MES     | \$237.00   |
|                                                                                   | 2½" x 1½"    | 7022515MES     | \$268.50   |
|                                                                                   | 3" x 1"      | 7023001MES     | \$268.50   |
|                                                                                   | 3" x 1½"     | 7023015MES     | \$307.00   |
|                                                                                   | 4" x 1"      | 7024001MES     | \$297.00   |
|                                                                                   | 4" x 1½"     | 7024015MES     | \$421.50   |
|                                                                                   | 4" x 2"      | 7024020MES     | \$421.50   |
|                                                                                   | 6" x 1½"     | 7026015MES     | \$595.00   |
|                                                                                   | 6" x 2"      | 7026020MES     | \$595.00   |

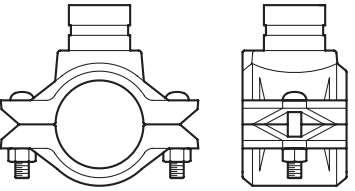
\* Galvanized available upon request.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G220**

### #702 Outlet Coupling

#### Grade “E” Gasket, Grooved End, Painted\*

|  | Nominal Size | Grade “E” EPDM | List Price |
|------------------------------------------------------------------------------------|--------------|----------------|------------|
|                                                                                    | 2" x 1"      | 7022001GRVES   | \$137.00   |
|                                                                                    | 2½" x 1¼"    | 7022513GRVES   | \$237.00   |
|                                                                                    | 2½" x 1½"    | 7022515GRVES   | \$268.50   |
|                                                                                    | 3" x 1"      | 7023001GRVES   | \$268.50   |
|                                                                                    | 3" x 1½"     | 7023015GRVES   | \$307.00   |
|                                                                                    | 4" x 1½"     | 7024015GRVES   | \$421.50   |
|                                                                                    | 4" x 2"      | 7024020GRVES   | \$421.50   |
|                                                                                    | 6" x 1½"     | 7026015GRVES   | \$595.00   |
|                                                                                    | 6" x 2"      | 7026020GRVES   | \$595.00   |

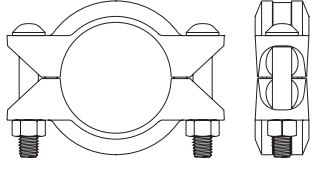
\* Galvanized available upon request.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G220**

### #770 High Pressure Rigid Coupling

#### with Grade “E” EPDM or Grade “T” Nitrile Gasket

|  | Nominal Size | Painted        |                   |            | Galvanized     |                   |            |
|-------------------------------------------------------------------------------------|--------------|----------------|-------------------|------------|----------------|-------------------|------------|
|                                                                                     |              | Grade “E” EPDM | Grade “T” Nitrile | List Price | Grade “E” EPDM | Grade “T” Nitrile | List Price |
|                                                                                     | 2"           | 77020ES        | 77020TS           | \$81.50    | 77020EGS       | 77020TGS          | \$110.50   |
|                                                                                     | 2½"          | 77025ES        | 77025TS           | \$93.50    | 77025EGS       | 77025TGS          | \$125.50   |
|                                                                                     | 3"           | 77030ES        | 77030TS           | \$104.00   | 77030EGS       | 77030TGS          | \$141.00   |
|                                                                                     | 4"           | 77040ES        | 77040TS           | \$151.00   | 77040EGS       | 77040TGS          | \$215.00   |
|                                                                                     | 6"           | 77060ES        | 77060TS           | \$271.50   | 77060EGS       | 77060TGS          | \$390.50   |
|                                                                                     | 8"           | 77080ES        | 77080TS           | \$434.00   | 77080EGS       | 77080TGS          | \$623.50   |
|                                                                                     | 10"          | 77010ES        | 77010TS           | \$801.50   | 77010EGS       | 77010TGS          | \$1,096.50 |
|                                                                                     | 12"          | 77012ES        | 77012TS           | \$1,167.00 | 77012EGS       | 77012TGS          | \$1,561.50 |

For price and availability for the #770 High Pressure Rigid Coupling with Grade “E” EPDM Tri-Seal, Grade “T” Nitrile Tri-Seal, Grade “L” Silicone, or Grade “O” Fluoroelastomer Gasket, contact Tyco Mechanical Products.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G138**

All standard couplings can be provided with stainless steel nuts and bolts upon request.

See latest catalog or technical data sheets for specific approvals, listings, and design parameters.

POA = Price on availability. Prices subject to change without notice.

Rev. 1

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Customer Service: (800) 558-5236

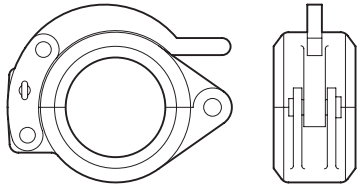
[www.grinnell.com](http://www.grinnell.com)

# Tyco Mechanical Products

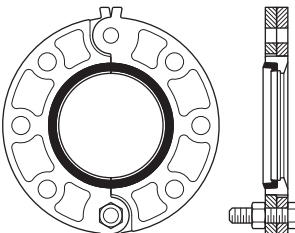
## Section 2 – Couplings & Fittings



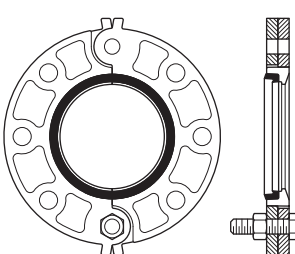
### #780 Snap Coupling with Grade “E” EPDM Gasket or Grade “T” Nitrile Gasket

|                                                                                   | Nominal Size | Painted        |                   |            | Galvanized     |                   |            |
|-----------------------------------------------------------------------------------|--------------|----------------|-------------------|------------|----------------|-------------------|------------|
|                                                                                   |              | Grade “E” EPDM | Grade “T” Nitrile | List Price | Grade “E” EPDM | Grade “T” Nitrile | List Price |
|  | 1¼"          | 78013ES        | 78013TES          | \$140.00   | 78013GES       | 78013GTS          | \$167.50   |
|                                                                                   | 1½"          | 78015ES        | 78015TES          | \$134.50   | 78015GES       | 78015GTS          | \$160.50   |
|                                                                                   | 2"           | 78020ES        | 78020TES          | \$128.50   | 78020GES       | 78020GTS          | \$140.50   |
|                                                                                   | 2½"          | 78025ES        | 78025TES          | \$142.00   | 78025GES       | 78025GTS          | \$169.00   |
|                                                                                   | 3"           | 78030ES        | 78030TES          | \$164.50   | 78030GES       | 78030GTS          | \$202.00   |
|                                                                                   | 4"           | 78040ES        | 78040TES          | \$210.50   | 78040GES       | 78040GTS          | \$270.50   |
|                                                                                   | 5"           | 78050ES        | 78050TES          | \$427.50   | 78050GES       | 78050GTS          | \$523.50   |
|                                                                                   | 6"           | 78060ES        | 78060TES          | \$448.00   | 78060GES       | 78060GTS          | \$566.50   |
|                                                                                   | 8"           | 78080ES        | 78080TES          | \$686.50   | 78080GES       | 78080GTS          | \$859.50   |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.          |              |                |                   |            |                |                   |            |
| Technical Data Sheet: G145                                                        |              |                |                   |            |                |                   |            |

### #71H Grooved Flange Adapter - Hinged with Grade “E” EPDM Gasket or Grade “T” Nitrile Gasket

|                                                                                    | Nominal Size | Painted        |                   |            | Galvanized     |                   |            |
|------------------------------------------------------------------------------------|--------------|----------------|-------------------|------------|----------------|-------------------|------------|
|                                                                                    |              | Grade “E” EPDM | Grade “T” Nitrile | List Price | Grade “E” EPDM | Grade “T” Nitrile | List Price |
|  | 2"           | 71H20S         | 71H20TS           | \$298.00   | 71H20GS        | 71H20TGS          | \$360.50   |
|                                                                                    | 2½"          | 71H25S         | 71H25TS           | \$370.00   | 71H25GS        | 71H25TGS          | \$455.00   |
|                                                                                    | 3"           | 71H30S         | 71H30TS           | \$399.50   | 71H30GS        | 71H30TGS          | \$493.50   |
|                                                                                    | 4"           | 71H40S         | 71H40TS           | \$532.50   | 71H40GS        | 71H40TGS          | \$659.50   |
|                                                                                    | 5"           | 71H50S         | 71H50TS           | \$618.00   | 71H50GS        | 71H50TGS          | \$764.50   |
|                                                                                    | 6"           | 71H60S         | 71H60TS           | \$674.00   | 71H60GS        | 71H60TGS          | \$838.00   |
|                                                                                    | 8"           | 71H80S         | 71H80TS           | \$761.50   | 71H80GS        | 71H80TGS          | \$975.50   |
|                                                                                    | 10"          | 71H10S         | 71H10TS           | \$1,202.50 | 71H10GS        | 71H10TGS          | \$1,528.00 |
|                                                                                    | 12"          | 71H12S         | 71H12TS           | \$1,572.00 | 71H12GS        | 71H12TGS          | \$2,020.00 |
| Technical Data Sheet: G155                                                         |              |                |                   |            |                |                   |            |

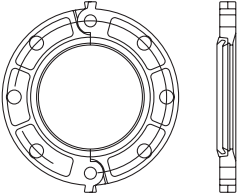
### #71H Grooved Flange Adapter - Hinged with Grade “O” Fluoroelastomer Gasket

|                                                                                     | Nominal Size | Painted                   |            | Galvanized                |            |
|-------------------------------------------------------------------------------------|--------------|---------------------------|------------|---------------------------|------------|
|                                                                                     |              | Grade “O” Fluoroelastomer | List Price | Grade “O” Fluoroelastomer | List Price |
|  | 2"           | 71H200S                   | POA        | 71H200GS                  | POA        |
|                                                                                     | 2½"          | 71H250S                   | POA        | 71H250GS                  | POA        |
|                                                                                     | 3"           | 71H300S                   | POA        | 71H300GS                  | POA        |
|                                                                                     | 4"           | 71H400S                   | POA        | 71H400GS                  | POA        |
|                                                                                     | 5"           | 71H500S                   | POA        | 71H500GS                  | POA        |
|                                                                                     | 6"           | 71H600S                   | POA        | 71H600GS                  | POA        |
|                                                                                     | 8"           | 71H800S                   | POA        | 71H800GS                  | POA        |
|                                                                                     | 10"          | 71H100S                   | POA        | 71H100GS                  | POA        |
|                                                                                     | 12"          | 71H120S                   | POA        | 71H120GS                  | POA        |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.            |              |                           |            |                           |            |
| Technical Data Sheet: G155                                                          |              |                           |            |                           |            |

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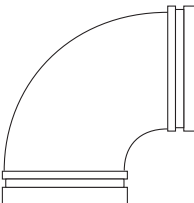
### #71 Grooved Flange Adapter with Grade "E" EPDM Gasket or Grade "T" Nitrile Gasket

|  | Nominal<br>Size | Painted        |                   |            | Galvanized     |                   |            |
|-----------------------------------------------------------------------------------|-----------------|----------------|-------------------|------------|----------------|-------------------|------------|
|                                                                                   |                 | Grade "E" EPDM | Grade "T" Nitrile | List Price | Grade "E" EPDM | Grade "T" Nitrile | List Price |
|                                                                                   | 2"              | 7120S          | 7120TS            | \$298.00   | 7120GS         | 7120TGS           | \$360.50   |
|                                                                                   | 2½"             | 7125S          | 7125TS            | \$370.00   | 7125GS         | 7125TGS           | \$455.00   |
|                                                                                   | 3"              | 7130S          | 7130TS            | \$399.50   | 7130GS         | 7130TGS           | \$493.50   |
|                                                                                   | 4"              | 7140S          | 7140TS            | \$532.50   | 7140GS         | 7140TGS           | \$659.50   |
|                                                                                   | 5"              | 7150S          | 7150TS            | \$618.00   | 7150GS         | 7150TGS           | \$764.50   |
|                                                                                   | 6"              | 7160S          | 7160TS            | \$674.00   | 7160GS         | 7160TGS           | \$838.00   |
|                                                                                   | 8"              | 7180S          | 7180TS            | \$761.50   | 7180GS         | 7180TGS           | \$975.50   |
|                                                                                   | 10"             | 7110S          | 7110TS            | \$1,202.50 | 7110GS         | 7110TGS           | \$1,528.00 |
| 12"                                                                               | 7112S           | 7112TS         | \$1,572.00        | 7112GS     | 7112TGS        | \$2,020.00        |            |
| 14"                                                                               | 7114S           | 7114TS         | \$2,900.00        | 7114GS     | 7114TGS        | \$3,567.50        |            |
| 16"                                                                               | 7116S           | 7116TS         | \$3,365.50        | 7116GS     | 7116TGS        | \$4,171.50        |            |
| 18"                                                                               | 7118S           | 7118TS         | \$4,142.00        | 7118GS     | 7118TGS        | \$5,278.50        |            |
| 20"                                                                               | 7121S           | 7121TS         | \$4,983.50        | 7121GS     | 7121TGS        | \$6,376.50        |            |
| 24"                                                                               | 7124S           | 7124TS         | \$6,376.50        | 7124GS     | 7124TGS        | \$8,226.50        |            |

Orders for items in shaded areas **cannot** be cancelled or returned.

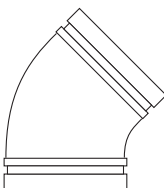
Technical Data Sheet: G150

### #210 Grooved 90° Elbow

|  | <i>Nominal Size</i> | <i>Painted</i> | <i>List Price</i> | <i>Galvanized</i> | <i>List Price</i> |
|-------------------------------------------------------------------------------------|---------------------|----------------|-------------------|-------------------|-------------------|
|                                                                                     | 1¼"                 | <b>21013S</b>  | \$90.50           | <b>21013GS</b>    | \$119.50          |
|                                                                                     | 1½"                 | <b>21015S</b>  | \$90.50           | <b>21015GS</b>    | \$119.50          |
|                                                                                     | 2"                  | <b>21020S</b>  | \$90.50           | <b>21020GS</b>    | \$119.50          |
|                                                                                     | 2½"                 | <b>21025S</b>  | \$90.50           | <b>21025GS</b>    | \$119.50          |
|                                                                                     | 3"                  | <b>21030S</b>  | \$159.00          | <b>21030GS</b>    | \$199.00          |
|                                                                                     | 4"                  | <b>21040S</b>  | \$173.00          | <b>21040GS</b>    | \$242.00          |
|                                                                                     | 5"                  | <b>21050S</b>  | \$411.50          | <b>21050GS</b>    | \$532.00          |
|                                                                                     | 6"                  | <b>21060S</b>  | \$483.50          | <b>21060GS</b>    | \$640.00          |
|                                                                                     | 8"                  | <b>21080S</b>  | \$1,005.50        | <b>21080GS</b>    | \$1,324.50        |
|                                                                                     | 10"                 | <b>21010S</b>  | \$1,860.50        | <b>21010GS</b>    | \$2,326.00        |
|                                                                                     | 12"                 | <b>21012S</b>  | \$2,823.00        | <b>21012GS</b>    | \$3,642.50        |

Technical Data Sheet: G180

### #201 Grooved 45° Elbow

|  | Nominal Size | Painted | List Price | Galvanized | List Price |
|-------------------------------------------------------------------------------------|--------------|---------|------------|------------|------------|
|                                                                                     | 1¼"          | 20113S  | \$90.50    | 20113GS    | \$114.00   |
|                                                                                     | 1½"          | 20115S  | \$90.50    | 20115GS    | \$114.00   |
|                                                                                     | 2"           | 20120S  | \$90.50    | 20120GS    | \$114.00   |
|                                                                                     | 2½"          | 20125S  | \$90.50    | 20125GS    | \$114.00   |
|                                                                                     | 3"           | 20130S  | \$159.00   | 20130GS    | \$187.50   |
|                                                                                     | 4"           | 20140S  | \$173.00   | 20140GS    | \$224.50   |
|                                                                                     | 5"           | 20150S  | \$411.50   | 20150GS    | \$510.00   |
|                                                                                     | 6"           | 20160S  | \$483.50   | 20160GS    | \$610.50   |
|                                                                                     | 8"           | 20180S  | \$1,005.50 | 20180GS    | \$1,261.00 |
|                                                                                     | 10"          | 20110S  | \$1,764.00 | 20110GS    | \$1,924.00 |
|                                                                                     | 12"          | 20112S  | \$2,823.00 | 20112GS    | \$3,290.00 |

Orders for items in shaded areas **cannot** be cancelled or returned.

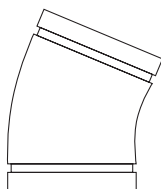
Technical Data Sheet: G180

# Tyco Mechanical Products

## Section 2 – Couplings & Fittings



### #212 and #312 – Grooved 22<sup>1</sup>/<sub>2</sub>° Elbow



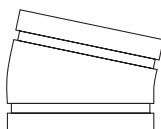
| Nominal Size                      | Painted | List Price | Galvanized | List Price |
|-----------------------------------|---------|------------|------------|------------|
| 1 <sup>1</sup> / <sub>4</sub> " * | 21213S  | \$99.00    | 21213GS    | \$125.00   |
| 1 <sup>1</sup> / <sub>2</sub> " * | 21215S  | \$99.00    | 21215GS    | \$125.00   |
| 2" *                              | 21220S  | \$99.00    | 21220GS    | \$125.00   |
| 2 <sup>1</sup> / <sub>2</sub> " * | 21225S  | \$99.00    | 21225GS    | \$125.00   |
| 3" *                              | 21230S  | \$142.00   | 21230GS    | \$177.50   |
| 4" *                              | 21240S  | \$187.00   | 21240GS    | \$242.00   |
| 5" *                              | 21250S  | \$570.00   | 21250GS    | \$687.50   |
| 6" *                              | 21260S  | \$522.00   | 21260GS    | \$664.50   |
| 8" *                              | 21280S  | \$1,086.00 | 21280GS    | \$1,349.50 |
| 10"                               | 31210S  | \$1,433.00 | 31210GS    | \$1,861.00 |
| 12"                               | 31212S  | \$1,936.50 | 31212GS    | \$2,401.00 |
| 14"                               | 31214S  | \$1,350.00 | 31214GS    | \$1,787.50 |
| 16"                               | 31216S  | \$1,619.00 | 31216GS    | \$2,267.00 |
| 18"                               | 31218S  | \$1,960.00 | 31218GS    | \$2,781.50 |
| 20"                               | 31221S  | \$2,461.00 | 31221GS    | \$3,867.00 |
| 24"                               | 31224S  | \$4,199.00 | 31224GS    | \$4,856.00 |

Elbow is segmentally welded except where a \* indicates it is available as a cast fitting.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G180**

### #211 and #311 – Grooved 11<sup>1</sup>/<sub>4</sub>° Elbow



| Nominal Size                      | Painted | List Price | Galvanized | List Price |
|-----------------------------------|---------|------------|------------|------------|
| 1 <sup>1</sup> / <sub>4</sub> " * | 21113S  | \$99.00    | 21113GS    | \$125.00   |
| 1 <sup>1</sup> / <sub>2</sub> " * | 21115S  | \$99.00    | 21115GS    | \$125.00   |
| 2" *                              | 21120S  | \$99.00    | 21120GS    | \$125.00   |
| 2 <sup>1</sup> / <sub>2</sub> " * | 21125S  | \$99.00    | 21125GS    | \$125.00   |
| 3" *                              | 21130S  | \$142.00   | 21130GS    | \$176.00   |
| 4" *                              | 21140S  | \$173.00   | 21140GS    | \$229.00   |
| 5" *                              | 21150S  | \$570.00   | 21150GS    | \$670.50   |
| 6" *                              | 21160S  | \$522.00   | 21160GS    | \$630.50   |
| 8" *                              | 21180S  | \$928.50   | 21180GS    | \$1,103.00 |
| 10"                               | 75309   | \$1,338.00 | 75315      | \$1,597.00 |
| 12"                               | 75310   | \$1,936.50 | 75323      | \$2,345.00 |
| 14"                               | 75311   | \$1,221.50 | 75324      | \$1,532.50 |
| 16"                               | 75312   | \$1,504.00 | 75325      | \$2,004.50 |
| 18"                               | 31118S  | \$1,821.00 | 75326      | \$2,468.00 |
| 20"                               | 31121S  | \$2,228.50 | 75327      | \$3,087.50 |
| 24"                               | 31124S  | \$3,888.50 | 75328      | \$3,923.00 |

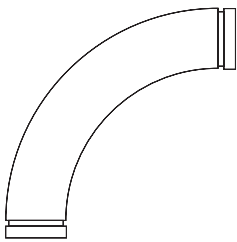
Elbow is segmentally welded except where a \* indicates it is available as a cast fitting.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G180**



### #210LR and #310LR – Grooved 90° Long Radius Elbow

|                                                                                   | Nominal Size | Painted | List Price | Galvanized | List Price  |
|-----------------------------------------------------------------------------------|--------------|---------|------------|------------|-------------|
|  | 1 1/4"       | 73500   | POA        | 310LR13GS  | POA         |
|                                                                                   | 1 1/2"       | 73501   | POA        | 310LR15GS  | POA         |
|                                                                                   | 2"           | 75780   | \$204.50   | 310L20GS   | \$267.50    |
|                                                                                   | 2 1/2"       | 75781   | \$255.50   | 310L25GS   | \$293.50    |
|                                                                                   | 3"           | 75782   | \$204.50   | 73506      | \$267.50    |
|                                                                                   | 4"           | 75783   | \$303.50   | 73507      | \$405.50    |
|                                                                                   | 5"           | 75825   | \$1,531.50 | 73508      | \$1,755.00  |
|                                                                                   | 6"           | 75784   | \$880.00   | 73509      | \$1,155.50  |
|                                                                                   | 8"           | 75785   | \$2,102.00 | 73510      | \$2,687.00  |
|                                                                                   | 10"          | 75786   | \$2,417.50 | 310L10GS   | \$3,022.50  |
|                                                                                   | 12"          | 75787   | \$2,660.00 | 73512      | \$3,325.00  |
|                                                                                   | 14" *        | 210L14S | \$3,041.50 | 210L14GS   | \$3,946.00  |
|                                                                                   | 16" *        | 210L16S | \$3,948.50 | 210L16GS   | \$5,107.00  |
|                                                                                   | 18"          | 75790   | \$5,012.00 | 310LR18GS  | \$6,246.50  |
|                                                                                   | 20"          | 75826   | \$6,605.50 | 310LR21GS  | \$8,196.50  |
|                                                                                   | 24"          | 75827   | \$9,565.50 | 73517      | \$11,908.00 |

Elbow is segmentally welded except where a \* indicates it is available as a cast fitting.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G180**

### #201LR and #301LR – Grooved 45° Long Radius Elbow

|                                                                                     | Nominal Size | Painted | List Price | Galvanized | List Price |
|-------------------------------------------------------------------------------------|--------------|---------|------------|------------|------------|
|  | 1 1/4"       | 301L13S | POA        | 301L13GS   | POA        |
|                                                                                     | 1 1/2"       | 301L15S | POA        | 301L15GS   | POA        |
|                                                                                     | 2"           | 75791   | \$177.50   | 301L20GS   | \$224.50   |
|                                                                                     | 2 1/2"       | 75792   | \$566.00   | 301L25GS   | \$636.00   |
|                                                                                     | 3"           | 75793   | \$177.50   | 73525      | \$224.50   |
|                                                                                     | 4"           | 75794   | \$215.50   | 73526      | \$286.00   |
|                                                                                     | 5"           | 75795   | \$1,428.00 | 301L50GS   | \$1,567.00 |
|                                                                                     | 6"           | 75796   | \$631.50   | 73528      | \$809.00   |
|                                                                                     | 8"           | 75797   | \$1,097.50 | 301L80GS   | \$1,426.00 |
|                                                                                     | 10"          | 75798   | \$1,481.50 | 301L10GS   | \$1,852.00 |
|                                                                                     | 12"          | 75799   | \$2,000.50 | 301L12GS   | \$2,501.00 |
|                                                                                     | 14" *        | 201L14S | \$2,277.50 | 201L14GS   | \$2,915.00 |
|                                                                                     | 16" *        | 201L16S | \$2,563.00 | 201L16GS   | \$3,181.50 |
|                                                                                     | 18"          | 75829   | \$3,004.50 | 301L18GS   | \$3,682.50 |
|                                                                                     | 20"          | 75830   | \$3,946.00 | 301L21GS   | \$4,850.50 |
|                                                                                     | 24"          | 75832   | \$5,993.50 | 301L24GS   | \$7,384.00 |

Elbow is segmentally welded except where a \* indicates it is available as a cast fitting.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G180**

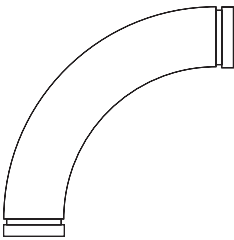
# Tyco Mechanical Products

## Section 2 – Couplings & Fittings

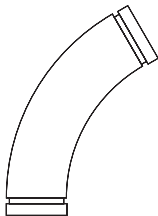


# Grinnell

### #310 - 3D, #310 - 5D, #310 - 6D Long Radius 90° Elbow, Painted

|  | Nominal Size | 3D      | List Price  | 5D      | List Price  | 6D      | List Price  |
|-----------------------------------------------------------------------------------|--------------|---------|-------------|---------|-------------|---------|-------------|
|                                                                                   | 2"           | 310203D | \$1,471.50  | 310205D | \$1,579.00  | 310206D | \$1,619.50  |
|                                                                                   | 2½"          | 310253D | \$1,571.50  | 310255D | \$1,626.00  | 310256D | \$1,693.00  |
|                                                                                   | 3"           | 310303D | \$1,793.00  | 310305D | \$1,914.00  | 310306D | \$1,947.50  |
|                                                                                   | 4"           | 310403D | \$2,001.50  | 310405D | \$2,156.50  | 310406D | \$2,264.00  |
|                                                                                   | 5"           | 310503D | \$2,249.50  | 310505D | \$2,539.00  | 310506D | \$2,592.50  |
|                                                                                   | 6"           | 310603D | \$2,639.00  | 310605D | \$2,921.00  | 310606D | \$3,150.00  |
|                                                                                   | 8"           | 310803D | \$3,465.50  | 310805D | \$4,042.50  | 310806D | \$4,391.00  |
|                                                                                   | 10"          | 310103D | \$4,397.00  | 310105D | \$5,579.50  | 310106D | \$6,062.50  |
|                                                                                   | 12"          | 310123D | \$5,585.50  | 310125D | \$7,075.00  | 310126D | \$7,974.50  |
|                                                                                   | 14"          | 310143D | \$6,790.00  | 310145D | \$8,871.50  | 310146D | \$9,928.50  |
|                                                                                   | 16"          | 310163D | \$8,232.50  | 310165D | \$10,672.00 | 310166D | \$12,292.00 |
|                                                                                   | 18"          | 310183D | \$11,379.50 | 310185D | \$14,759.00 | 310186D | \$16,276.50 |
|                                                                                   | 20"          | 310213D | \$13,721.50 | 310215D | \$17,513.50 | 310216D | \$19,237.50 |
|                                                                                   | 24"          | 310243D | \$19,189.50 | 310245D | \$24,747.00 | 310246D | \$27,680.50 |
| Elbow is segmentally welded.                                                      |              |         |             |         |             |         |             |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.          |              |         |             |         |             |         |             |
| Technical Data Sheet: G180                                                        |              |         |             |         |             |         |             |

### #306 - 3D, #306 - 5D, #306 - 6D, Long Radius 60° Elbow, Painted

|  | Nominal Size | 3D      | List Price  | 5D      | List Price  | 6D      | List Price  |
|-------------------------------------------------------------------------------------|--------------|---------|-------------|---------|-------------|---------|-------------|
|                                                                                     | 2"           | 306203D | \$1,423.50  | 306205D | \$1,492.50  | 306206D | \$1,519.50  |
|                                                                                     | 2½"          | 306253D | \$1,485.00  | 306255D | \$1,565.50  | 306256D | \$1,586.00  |
|                                                                                     | 3"           | 306303D | \$1,700.50  | 306305D | \$1,794.00  | 306306D | \$1,814.00  |
|                                                                                     | 4"           | 306403D | \$1,947.50  | 306405D | \$2,001.50  | 306406D | \$2,095.00  |
|                                                                                     | 5"           | 306503D | \$2,175.00  | 306505D | \$2,335.00  | 306506D | \$2,368.50  |
|                                                                                     | 6"           | 306603D | \$2,432.00  | 306605D | \$2,639.00  | 306606D | \$2,669.50  |
|                                                                                     | 8"           | 306803D | \$3,055.50  | 306805D | \$3,371.00  | 306806D | \$3,653.00  |
|                                                                                     | 10"          | 306103D | \$3,859.50  | 306105D | \$4,408.50  | 306106D | \$4,802.50  |
|                                                                                     | 12"          | 306123D | \$4,619.00  | 306125D | \$5,902.00  | 306126D | \$6,380.00  |
|                                                                                     | 14"          | 306143D | \$5,642.00  | 306145D | \$7,140.00  | 306146D | \$7,709.50  |
|                                                                                     | 16"          | 306163D | \$6,865.00  | 306165D | \$8,616.50  | 306166D | \$9,284.00  |
|                                                                                     | 18"          | 306183D | \$9,619.00  | 306185D | \$11,729.00 | 306186D | \$12,986.00 |
|                                                                                     | 20"          | 306213D | \$11,199.50 | 306215D | \$13,563.50 | 306216D | \$14,979.50 |
|                                                                                     | 24"          | 306243D | \$15,685.50 | 306245D | \$19,396.50 | 306246D | \$21,275.50 |
| Elbow is segmentally welded.                                                        |              |         |             |         |             |         |             |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.            |              |         |             |         |             |         |             |
| Technical Data Sheet: G180                                                          |              |         |             |         |             |         |             |



### #301 -3D, #301 - 5D, #301 -6D, Long Radius 45° Elbow, Painted



| Nominal Size | 3D      | List Price  | 5D      | List Price  | 6D      | List Price  |
|--------------|---------|-------------|---------|-------------|---------|-------------|
| 2"           | 301203D | \$1,397.50  | 301205D | \$1,438.00  | 301206D | \$1,457.50  |
| 2½"          | 301253D | \$1,478.00  | 301255D | \$1,505.50  | 301256D | \$1,559.00  |
| 3"           | 301303D | \$1,686.50  | 301305D | \$1,766.50  | 301306D | \$1,787.50  |
| 4"           | 301403D | \$1,854.00  | 301405D | \$1,962.50  | 301406D | \$1,981.50  |
| 5"           | 301503D | \$2,056.50  | 301505D | \$2,196.50  | 301506D | \$2,223.50  |
| 6"           | 301603D | \$2,391.50  | 301605D | \$2,451.50  | 301606D | \$2,605.00  |
| 8"           | 301803D | \$2,975.00  | 301805D | \$3,223.50  | 301806D | \$3,298.00  |
| 10"          | 301103D | \$3,491.50  | 301105D | \$3,968.00  | 301106D | \$4,323.50  |
| 12"          | 301123D | \$4,431.00  | 301125D | \$5,022.00  | 301126D | \$5,471.00  |
| 14"          | 301143D | \$5,072.00  | 301145D | \$6,116.50  | 301146D | \$6,645.00  |
| 16"          | 301163D | \$6,184.50  | 301165D | \$7,408.50  | 301166D | \$8,026.00  |
| 18"          | 301183D | \$8,747.50  | 301185D | \$10,217.50 | 301186D | \$10,980.50 |
| 20"          | 301213D | \$10,176.00 | 301215D | \$11,832.00 | 301216D | \$13,171.50 |
| 24"          | 301243D | \$13,611.50 | 301245D | \$16,393.50 | 301246D | \$18,186.50 |

Elbow is segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G180**

### #303 - 3D, #303 - 5D, #303 - 6D, Long Radius 30° Elbow, Painted



| Nominal Size | 3D      | List Price  | 5D      | List Price  | 6D      | List Price  |
|--------------|---------|-------------|---------|-------------|---------|-------------|
| 2"           | 303203D | \$1,365.50  | 303205D | \$1,392.00  | 303206D | \$1,405.50  |
| 2½"          | 303253D | \$1,452.00  | 303255D | \$1,472.50  | 303256D | \$1,480.00  |
| 3"           | 303303D | \$1,659.50  | 303305D | \$1,680.50  | 303306D | \$1,693.00  |
| 4"           | 303403D | \$1,828.00  | 303405D | \$1,922.00  | 303406D | \$1,927.50  |
| 5"           | 303503D | \$2,014.50  | 303505D | \$2,142.00  | 303506D | \$2,154.50  |
| 6"           | 303603D | \$2,230.50  | 303605D | \$2,391.50  | 303606D | \$2,401.50  |
| 8"           | 303803D | \$2,713.50  | 303805D | \$2,914.00  | 303806D | \$2,942.50  |
| 10"          | 303103D | \$3,108.50  | 303105D | \$3,492.50  | 303106D | \$3,812.50  |
| 12"          | 303123D | \$3,942.00  | 303125D | \$4,438.00  | 303126D | \$4,522.50  |
| 14"          | 303143D | \$4,501.00  | 303145D | \$5,416.00  | 303146D | \$5,526.00  |
| 16"          | 303163D | \$5,498.50  | 303165D | \$6,184.50  | 303166D | \$6,703.00  |
| 18"          | 303183D | \$7,860.50  | 303185D | \$8,713.00  | 303186D | \$9,317.50  |
| 20"          | 303213D | \$8,678.50  | 303215D | \$10,093.50 | 303216D | \$10,796.50 |
| 24"          | 303243D | \$11,550.00 | 303245D | \$14,043.50 | 303246D | \$14,965.00 |

Elbow is segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G180**

# Tyco Mechanical Products

## Section 2 – Couplings & Fittings

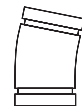


# Grinnell

### #312 3D, #312 - 5D, #312 - 6D, Long Radius 22 1/2° Elbow, Painted

|                                                                                   | Nominal Size | 3D      | List Price  | 5D      | List Price  | 6D      | List Price  |
|-----------------------------------------------------------------------------------|--------------|---------|-------------|---------|-------------|---------|-------------|
|  | 2"           | 312203D | \$1,358.50  | 312205D | \$1,384.50  | 312206D | \$1,392.00  |
|                                                                                   | 2 1/2"       | 312253D | \$1,452.50  | 312255D | \$1,465.00  | 312256D | \$1,472.00  |
|                                                                                   | 3"           | 312303D | \$1,653.00  | 312305D | \$1,673.00  | 312306D | \$1,679.50  |
|                                                                                   | 4"           | 312403D | \$1,813.00  | 312405D | \$1,834.00  | 312406D | \$1,847.50  |
|                                                                                   | 5"           | 312503D | \$2,001.50  | 312505D | \$2,028.50  | 312506D | \$2,041.50  |
|                                                                                   | 6"           | 312603D | \$2,209.50  | 312605D | \$2,236.50  | 312606D | \$2,377.50  |
|                                                                                   | 8"           | 312803D | \$2,673.00  | 312805D | \$2,686.00  | 312806D | \$2,895.00  |
|                                                                                   | 10"          | 312103D | \$3,069.00  | 312105D | \$3,397.00  | 312106D | \$3,451.00  |
|                                                                                   | 12"          | 312123D | \$3,847.50  | 312125D | \$3,994.50  | 312126D | \$4,370.50  |
|                                                                                   | 14"          | 312143D | POA         | 312145D | \$4,906.50  | 312146D | POA         |
|                                                                                   | 16"          | 312163D | \$5,353.00  | 312165D | \$5,965.50  | 312166D | \$6,081.00  |
|                                                                                   | 18"          | 312183D | \$7,209.00  | 312185D | \$7,951.50  | 312186D | \$8,548.00  |
|                                                                                   | 20"          | 312213D | \$8,397.00  | 312215D | \$9,228.00  | 312216D | \$9,901.50  |
|                                                                                   | 24"          | 312243D | \$11,152.00 | 312245D | \$12,223.50 | 312246D | \$13,116.00 |
| Elbow is segmentally welded.                                                      |              |         |             |         |             |         |             |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.          |              |         |             |         |             |         |             |
| Technical Data Sheet: G180                                                        |              |         |             |         |             |         |             |

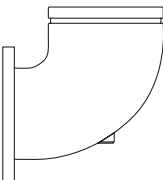
### #311 - 3D, #311 - 5D, #311 - 6D, Long Radius 11 1/4° Elbow, Painted

|                                                                                     | Nominal Size | 3D      | List Price | 5D      | List Price  | 6D      | List Price  |
|-------------------------------------------------------------------------------------|--------------|---------|------------|---------|-------------|---------|-------------|
|  | 2"           | 311203D | \$1,343.50 | 311205D | \$1,351.00  | 311206D | \$1,358.50  |
|                                                                                     | 2 1/2"       | 311253D | \$1,438.00 | 311255D | \$1,444.50  | 311256D | \$1,444.50  |
|                                                                                     | 3"           | 311303D | \$1,640.00 | 311305D | \$1,645.50  | 311306D | \$1,653.00  |
|                                                                                     | 4"           | 311403D | \$1,794.00 | 311405D | \$1,800.50  | 311406D | \$1,807.00  |
|                                                                                     | 5"           | 311503D | \$1,974.50 | 311505D | \$1,989.00  | 311506D | \$1,994.50  |
|                                                                                     | 6"           | 311603D | \$2,176.50 | 311605D | \$2,189.00  | 311606D | \$2,203.50  |
|                                                                                     | 8"           | 311803D | \$2,432.00 | 311805D | \$2,619.50  | 311806D | \$2,633.00  |
|                                                                                     | 10"          | 311103D | \$2,767.00 | 311105D | \$3,036.00  | 311106D | \$3,049.00  |
|                                                                                     | 12"          | 311123D | \$3,412.00 | 311125D | \$3,485.00  | 311126D | \$3,820.00  |
|                                                                                     | 14"          | 311143D | \$3,870.00 | 311145D | \$4,295.50  | 311146D | \$4,343.50  |
|                                                                                     | 16"          | 311163D | \$4,742.00 | 311165D | \$4,859.00  | 311166D | \$5,298.50  |
|                                                                                     | 18"          | 311183D | \$6,446.00 | 311185D | \$7,029.50  | 311186D | \$7,112.50  |
|                                                                                     | 20"          | 311213D | \$7,517.00 | 311215D | \$7,689.50  | 311216D | \$8,260.50  |
|                                                                                     | 24"          | 311243D | \$9,922.00 | 311245D | \$10,128.00 | 311246D | \$10,904.50 |
| Elbow is segmentally welded.                                                        |              |         |            |         |             |         |             |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.            |              |         |            |         |             |         |             |
| Technical Data Sheet: G180                                                          |              |         |            |         |             |         |             |

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### #316 Reducing Base Support Elbow, Groove x Flange

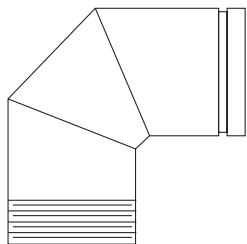
|  | Nominal Size | Painted | List Price | Galvanized | List Price |
|-----------------------------------------------------------------------------------|--------------|---------|------------|------------|------------|
|                                                                                   | 6" x 4"      | 72646   | \$1,625.00 | 72670      | POA        |
|                                                                                   | 6" x 5"      | 72647   | \$1,840.00 | 72671      | POA        |
|                                                                                   | 8" x 5"      | 72645   | POA        | 72672      | POA        |
|                                                                                   | 8" x 6"      | 72649   | \$2,470.00 | 72673      | POA        |
|                                                                                   | 10" x 6"     | 72650   | POA        | 72674      | POA        |
|                                                                                   | 10" x 8"     | 72651   | \$3,561.50 | 72675      | POA        |
|                                                                                   | 12" x 8"     | 72652   | POA        | 3161208GS  | POA        |
|                                                                                   | 12" x 10"    | 72653   | POA        | 3161210GS  | POA        |

Elbow is segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G180

### #315 Groove x Male Thread – Adapter 90° Elbow

|  | Nominal Size | Painted | List Price | Galvanized | List Price |
|------------------------------------------------------------------------------------|--------------|---------|------------|------------|------------|
|                                                                                    | 1 1/4"       | 75761   | \$174.00   | 31513GS    | \$192.50   |
|                                                                                    | 1 1/2"       | 75762   | \$221.50   | 31515GS    | \$257.00   |
|                                                                                    | 2"           | 75763   | \$155.50   | 73542      | \$192.50   |
|                                                                                    | 2 1/2"       | 75764   | \$269.50   | 73543      | \$294.50   |
|                                                                                    | 3"           | 75765   | \$250.00   | 73544      | \$306.00   |
|                                                                                    | 4"           | 75766   | POA        | 31540GS    | POA        |
|                                                                                    | 6"           | 75767   | \$771.50   | 31560GS    | \$975.50   |

Elbow is segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G180

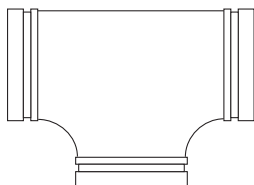
# Tyco Mechanical Products

## Section 2 – Couplings & Fittings



# Grinnell

### #219 and #319 – Grooved Tee



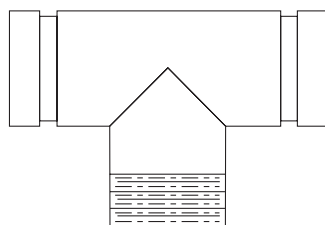
| <i>Nominal Size</i>               | <i>Painted</i> | <i>List Price</i> | <i>Galvanized</i> | <i>List Price</i> |
|-----------------------------------|----------------|-------------------|-------------------|-------------------|
| 1 <sup>1</sup> / <sub>4</sub> " * | 21913S         | \$140.00          | 21913GS           | \$182.50          |
| 1 <sup>1</sup> / <sub>2</sub> " * | 21915S         | \$140.00          | 21915GS           | \$182.50          |
| 2" *                              | 21920S         | \$140.00          | 21920GS           | \$182.50          |
| 2 <sup>1</sup> / <sub>2</sub> " * | 21925S         | \$140.00          | 21925GS           | \$182.50          |
| 3" *                              | 21930S         | \$191.50          | 21930GS           | \$261.50          |
| 4" *                              | 21940S         | \$291.00          | 21940GS           | \$395.00          |
| 5" *                              | 21950S         | \$677.50          | 21950GS           | \$859.50          |
| 6" *                              | 21960S         | \$782.00          | 21960GS           | \$1,066.50        |
| 8" *                              | 21980S         | \$1,712.00        | 21980GS           | \$2,246.50        |
| 10" *                             | 21910S         | \$3,431.50        | 21910GS           | \$4,442.50        |
| 12" *                             | 21912S         | \$4,783.00        | 21912GS           | \$6,109.50        |
| 14" *                             | 21914S         | \$3,053.50        | 21914GS           | \$3,802.50        |
| 16" *                             | 21916S         | \$3,448.50        | 21916GS           | \$4,379.50        |
| 18"                               | 73565          | \$4,310.00        | 31918GS           | \$5,557.50        |
| 20"                               | 73566          | \$6,176.00        | 31921GS           | \$7,829.50        |
| 24"                               | 73567          | \$9,415.00        | 73572             | \$12,211.50       |

Tee is segmentally welded except where a \* indicates it is available as a cast fitting.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G180**

### #320 Groove x Male Thread – Tee



| <i>Nominal Size</i>             | <i>Painted</i> | <i>List Price</i> | <i>Galvanized</i> | <i>List Price</i> |
|---------------------------------|----------------|-------------------|-------------------|-------------------|
| 1 <sup>1</sup> / <sub>4</sub> " | 32013S         | \$292.50          | 32013GS           | \$343.00          |
| 1 <sup>1</sup> / <sub>2</sub> " | 75490          | \$455.00          | 32015GS           | \$536.00          |
| 2"                              | 75491          | \$292.50          | 32020GS           | \$343.00          |
| 2 <sup>1</sup> / <sub>2</sub> " | 75492          | POA               | 32025GS           | POA               |
| 3"                              | 75493          | POA               | 32030GS           | POA               |
| 4"                              | 75465          | \$603.50          | 32040GS           | \$829.50          |
| 5"                              | 32050S         | \$1,732.50        | 32050GS           | POA               |
| 6"                              | 75466          | \$1,547.00        | 32060GS           | \$1,820.50        |
| 8"                              | 32080S         | POA               | 32080GS           | POA               |
| 10"                             | 32010S         | POA               | 32010GS           | POA               |
| 12"                             | 32012S         | POA               | 32012GS           | POA               |

Tee is segmentally welded.

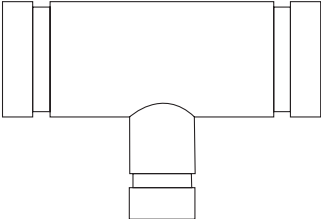
Orders for items in shaded areas **cannot** be cancelled or returned.

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### #221 and #321 – Grooved Reducing Tee

|                                                                                    | <i>Nominal Size</i>      | <i>Painted</i> | <i>List Price</i> | <i>Galvanized</i> | <i>List Price</i> |
|------------------------------------------------------------------------------------|--------------------------|----------------|-------------------|-------------------|-------------------|
|                                                                                    |                          |                |                   |                   |                   |
|  | 1 1/2" x 1 1/2" x 1 1/4" | 73580          | \$259.50          | 73589             | \$287.00          |
|                                                                                    | 2" x 2" x 1"             | 75410          | \$294.50          | 75470             | \$344.50          |
|                                                                                    | * 2" x 2" x 1 1/2"       | 2212015S       | \$294.50          | 2212015GS         | \$350.00          |
|                                                                                    | 2 1/2" x 2 1/2" x 1"     | 75412          | \$294.50          | 3212510GS         | \$344.50          |
|                                                                                    | 2 1/2" x 2 1/2" x 1 1/4" | 75413          | \$443.50          | 73590             | \$522.00          |
|                                                                                    | 2 1/2" x 2 1/2" x 1 1/2" | 75414          | \$294.50          | 73591             | \$350.00          |
|                                                                                    | * 2 1/2" x 2 1/2" x 2"   | 2212520S       | \$294.50          | 2212520GS         | \$350.00          |
|                                                                                    | * 3" x 3" x 1"           | 2213010S       | \$260.00          | 2213010GS         | \$331.50          |
|                                                                                    | * 3" x 3" x 1 1/2"       | 2213015S       | \$260.00          | 2213015GS         | \$335.00          |
|                                                                                    | * 3" x 3" x 2"           | 2213020S       | \$260.00          | 2213020GS         | \$335.00          |
|                                                                                    | * 3" x 3" x 2 1/2"       | 2213025S       | \$260.00          | 2213025GS         | \$335.00          |
|                                                                                    | 4" x 4" x 1"             | 75420          | \$350.00          | 3214010GS         | \$437.00          |
|                                                                                    | 4" x 4" x 1 1/4"         | 73575          | \$687.50          | 73593             | \$800.50          |
|                                                                                    | 4" x 4" x 1 1/2"         | 75421          | \$350.00          | 73594             | \$437.00          |
|                                                                                    | * 4" x 4" x 2"           | 2214020S       | \$350.00          | 2214020GS         | \$458.50          |
|                                                                                    | * 4" x 4" x 2 1/2"       | 2214025S       | \$350.00          | 2214025GS         | \$458.50          |
|                                                                                    | * 4" x 4" x 3"           | 2214030S       | \$350.00          | 2214030GS         | \$458.50          |
|                                                                                    | 5" x 5" x 2"             | 75425          | \$847.00          | 73595             | \$1,046.50        |
|                                                                                    | * 5" x 5" x 2 1/2"       | 2215025S       | \$690.50          | 2215025GS         | \$869.00          |
|                                                                                    | * 5" x 5" x 3"           | 2215030S       | \$690.50          | 2215030GS         | \$869.00          |
|                                                                                    | * 5" x 5" x 4"           | 2215040S       | \$747.00          | 2215040GS         | \$943.50          |
|                                                                                    | * 6" x 6" x 2"           | 2216020S       | \$822.50          | 2216020GS         | \$1,080.00        |
|                                                                                    | * 6" x 6" x 2 1/2"       | 2216025S       | \$822.50          | 2216025GS         | \$1,080.00        |
|                                                                                    | * 6" x 6" x 3"           | 2216030S       | \$822.50          | 2216030GS         | \$1,080.00        |
|                                                                                    | * 6" x 6" x 4"           | 2216040S       | \$822.50          | 2216040GS         | \$1,080.00        |
|                                                                                    | 6" x 6" x 5"             | 75433          | \$822.50          | 3216050GS         | \$1,086.00        |
|                                                                                    | 8" x 8" x 2"             | 73576          | \$1,185.00        | 73599             | \$1,496.00        |
|                                                                                    | 8" x 8" x 2 1/2"         | 73574          | \$1,185.00        | 3218025GS         | \$1,496.00        |
|                                                                                    | 8" x 8" x 3"             | 75435          | \$1,276.50        | 75482             | \$1,525.00        |
|                                                                                    | * 8" x 8" x 4"           | 2218040S       | \$1,712.00        | 2218040GS         | \$2,212.50        |
|                                                                                    | 8" x 8" x 5"             | 75437          | \$1,712.00        | 75484             | \$2,227.00        |
|                                                                                    | * 8" x 8" x 6"           | 2218060S       | \$1,712.00        | 2218060GS         | \$2,236.50        |
|                                                                                    | 10" x 10" x 2"           | 75461          | \$1,743.00        | 73620             | \$2,247.50        |
|                                                                                    | 10" x 10" x 3"           | 75439          | \$1,798.00        | 73621             | \$2,266.50        |
|                                                                                    | 10" x 10" x 4"           | 75440          | \$1,825.50        | 73622             | \$2,282.00        |
|                                                                                    | 10" x 10" x 5"           | 75441          | \$1,853.00        | 3211005GS         | \$2,316.50        |
|                                                                                    | 10" x 10" x 6"           | 75442          | \$1,880.50        | 73624             | \$2,351.00        |
|                                                                                    | 10" x 10" x 8"           | 75443          | \$1,908.00        | 73625             | \$2,385.00        |
|                                                                                    | 12" x 12" x 3"           | 73600          | \$1,969.00        | 3211230GS         | \$2,415.00        |
|                                                                                    | 12" x 12" x 4"           | 73577          | \$1,989.00        | 73627             | \$2,422.50        |
|                                                                                    | 12" x 12" x 5"           | 73578          | \$2,008.50        | 3211205GS         | \$3,930.00        |
|                                                                                    | 12" x 12" x 6"           | 75444          | \$2,028.00        | 73629             | \$2,437.00        |
|                                                                                    | 12" x 12" x 8"           | 75445          | \$2,263.50        | 73630             | \$2,719.00        |
|                                                                                    | 12" x 12" x 10"          | 75446          | \$2,390.50        | 73631             | \$2,888.50        |
|                                                                                    | 14" x 14" x 6"           | 75447          | \$2,761.50        | 3211460GS         | \$3,314.00        |
|                                                                                    | 14" x 14" x 8"           | 73579          | \$2,829.00        | 73633             | \$3,394.50        |
|                                                                                    | 14" x 14" x 10"          | 75448          | \$2,992.00        | 3211410GS         | \$3,590.50        |
|                                                                                    | 14" x 14" x 12"          | 75449          | \$3,202.00        | 75486             | \$3,842.00        |

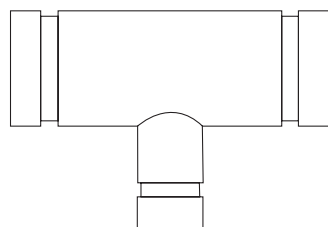
# Tyco Mechanical Products

## Section 2 – Couplings & Fittings



# Grinnell

### #221 and #321 – Grooved Reducing Tee



(Continued from Previous page)

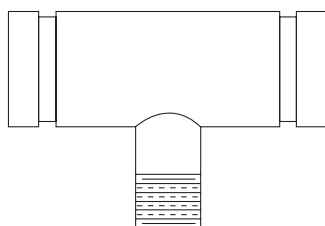
| Nominal Size    | Painted  | List Price | Galvanized | List Price  |
|-----------------|----------|------------|------------|-------------|
| 16" x 16" x 4"  | 75454    | POA        | 73635      | POA         |
| 16" x 16" x 8"  | 75450    | \$2,497.50 | 73636      | \$3,165.50  |
| 16" x 16" x 10" | 75451    | \$2,698.50 | 3211610GS  | \$3,418.50  |
| 16" x 16" x 12" | 75452    | \$2,752.50 | 75469      | \$3,496.50  |
| 16" x 16" x 14" | 75453    | \$3,223.00 | 3211614GS  | \$4,008.00  |
| 18" x 18" x 8"  | 75455    | \$3,182.50 | 3211880GS  | \$4,209.50  |
| 18" x 18" x 10" | 75456    | \$3,302.50 | 3211810GS  | \$4,253.50  |
| 18" x 18" x 12" | 75457    | \$3,302.50 | 3211812GS  | \$4,295.00  |
| 18" x 18" x 14" | 75458    | \$3,821.50 | 3211814GS  | \$4,913.50  |
| 18" x 18" x 16" | 75459    | \$4,171.00 | 3211816GS  | \$5,268.00  |
| 20" x 20" x 14" | 73581    | \$5,087.00 | 3212114GS  | \$6,476.00  |
| 20" x 20" x 16" | 73582    | \$5,457.00 | 3212116GS  | \$6,917.50  |
| 20" x 20" x 18" | 73583    | \$6,001.00 | 3212118GS  | \$7,587.00  |
| 24" x 24" x 10" | 73584    | \$6,633.00 | 73647      | \$8,336.50  |
| 24" x 24" x 12" | 73585    | \$6,820.00 | 73648      | \$9,594.50  |
| 24" x 24" x 14" | 3212414S | \$7,607.50 | 73649      | \$10,429.00 |
| 24" x 24" x 16" | 73587    | \$7,778.00 | 73650      | \$10,663.50 |
| 24" x 24" x 18" | 75460    | \$7,922.00 | 73651      | \$10,882.50 |
| 24" x 24" x 20" | 3212420S | \$8,600.50 | 73652      | \$12,610.50 |

Tee is segmentally welded except where a \* indicates it is available as a cast fitting.

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G180

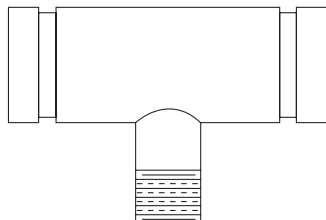
### #323 Groove x Male Thread – Reducing Tee with Threaded Branch



| Nominal Size             | Painted  | List Price | Galvanized | List Price |
|--------------------------|----------|------------|------------|------------|
| 1 1/2" x 1 1/2" x 1 1/4" | 73653    | POA        | 3231513GS  | POA        |
| 2" x 2" x 1"             | 75500    | \$311.00   | 75520      | \$364.50   |
| 2" x 2" x 1 1/4"         | 75409    | \$522.50   | 3232013GS  | \$558.50   |
| 2" x 2" x 1 1/2"         | 75501    | \$311.00   | 75522      | \$369.50   |
| 2 1/2" x 2 1/2" x 1"     | 76502    | \$311.00   | 75408      | \$364.50   |
| 2 1/2" x 2 1/2" x 1 1/4" | 75502    | \$678.00   | 73608      | \$697.00   |
| 2 1/2" x 2 1/2" x 1 1/2" | 75503    | \$311.00   | 73609      | \$369.50   |
| 2 1/2" x 2 1/2" x 2"     | 75504    | \$311.00   | 73610      | \$372.50   |
| 3" x 3" x 1"             | 75505    | \$311.00   | 75521      | \$388.50   |
| 3" x 3" x 1 1/2"         | 75506    | \$311.00   | 75546      | \$391.00   |
| 3" x 3" x 2"             | 75507    | \$311.00   | 75523      | \$391.00   |
| 3" x 3" x 2 1/2"         | 75508    | \$748.00   | 73611      | \$809.50   |
| 4" x 4" x 1"             | 75509    | \$388.50   | 75524      | \$478.00   |
| 4" x 4" x 1 1/4"         | 76541    | \$797.50   | 3234013GS  | \$859.00   |
| 4" x 4" x 1 1/2"         | 75541    | \$388.50   | 76524      | \$486.50   |
| 4" x 4" x 2"             | 75510    | \$388.50   | 75525      | \$486.50   |
| 4" x 4" x 2 1/2"         | 75511    | \$388.50   | 73691      | \$500.50   |
| 4" x 4" x 3"             | 75512    | \$388.50   | 75526      | \$502.00   |
| 5" x 5" x 2"             | 75513    | \$830.00   | 75534      | \$904.50   |
| 5" x 5" x 2 1/2"         | 76822    | \$746.00   | 3235025GS  | \$944.50   |
| 5" x 5" x 3"             | 3235030S | \$690.50   | 75535      | \$869.00   |
| 5" x 5" x 4"             | 3235040S | \$746.00   | 3235040GS  | \$1,017.00 |



### #323 Groove x Male Thread – Reducing Tee with Threaded Branch



(Continued from Previous page)

| <i>Nominal Size</i> | <i>Painted</i>  | <i>List Price</i> | <i>Galvanized</i> | <i>List Price</i> |
|---------------------|-----------------|-------------------|-------------------|-------------------|
| 6" x 6" x 2"        | <b>75514</b>    | \$968.50          | <b>75527</b>      | \$1,205.50        |
| 6" x 6" x 2 1/2"    | <b>75590</b>    | \$968.50          | <b>75528</b>      | \$1,205.50        |
| 6" x 6" x 3"        | <b>75515</b>    | \$968.50          | <b>75529</b>      | \$1,205.50        |
| 6" x 6" x 4"        | <b>75516</b>    | \$1,223.50        | <b>73694</b>      | \$1,315.50        |
| 6" x 6" x 5"        | <b>75517</b>    | \$968.50          | <b>3236050GS</b>  | \$1,205.50        |
| 8" x 8" x 2"        | <b>75518</b>    | \$1,185.00        | <b>73696</b>      | \$1,634.00        |
| 8" x 8" x 3"        | <b>75519</b>    | \$1,634.00        | <b>3238030GS</b>  | \$2,119.00        |
| 8" x 8" x 4"        | <b>3238040S</b> | \$1,712.00        | <b>3238040GS</b>  | \$2,212.50        |
| 8" x 8" x 5"        | <b>3238050S</b> | \$1,712.00        | <b>3238050GS</b>  | \$2,217.50        |
| 8" x 8" x 6"        | <b>3238060S</b> | \$1,894.00        | <b>3238060GS</b>  | \$2,601.50        |
| 10" x 10" x 2"      | <b>73659</b>    | \$1,985.00        | <b>3231020GS</b>  | \$2,900.00        |
| 10" x 10" x 3"      | <b>3231030S</b> | \$1,985.00        | <b>3231030GS</b>  | \$2,462.50        |
| 10" x 10" x 4"      | <b>3231040S</b> | \$2,076.50        | <b>3231040GS</b>  | \$2,654.00        |
| 10" x 10" x 5"      | <b>3231050S</b> | \$1,825.50        | <b>3231050GS</b>  | \$2,709.00        |
| 10" x 10" x 6"      | <b>3231060S</b> | \$2,122.50        | <b>3231060GS</b>  | \$2,745.00        |
| 10" x 10" x 8"      | <b>3231080S</b> | \$2,862.00        | <b>3231080GS</b>  | \$3,199.50        |
| 12" x 12" x 3"      | <b>3231230S</b> | \$2,673.50        | <b>3231230GS</b>  | \$3,451.00        |
| 12" x 12" x 4"      | <b>3231240S</b> | \$2,864.50        | <b>3231240GS</b>  | \$3,678.50        |
| 12" x 12" x 5"      | <b>3231250S</b> | \$3,028.00        | <b>3231250GS</b>  | \$3,933.00        |
| 12" x 12" x 6"      | <b>3231260S</b> | \$3,064.50        | <b>3231260GS</b>  | \$3,969.50        |
| 12" x 12" x 8"      | <b>3231280S</b> | \$3,150.50        | <b>3231280GS</b>  | \$4,061.50        |
| 12" x 12" x 10"     | <b>3231210S</b> | \$3,297.50        | <b>3231210GS</b>  | \$4,067.50        |

Tee is segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

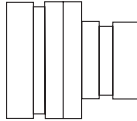
**Technical Data Sheet: G180**

# Tyco Mechanical Products

## Section 2 – Couplings & Fittings



### #250 and #350 – Grooved Concentric Reducer

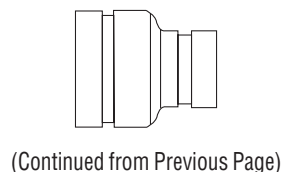


| <i>Nominal Size</i> | <i>Painted</i> | <i>List Price</i> | <i>Galvanized</i> | <i>List Price</i> |
|---------------------|----------------|-------------------|-------------------|-------------------|
| 1 1/4" x 1"         | 3501301S       | \$423.00          | 3501301GS         | \$465.50          |
| 1 1/2" x 1"         | 74328          | \$106.00          | 73400             | \$124.50          |
| * 1 1/2" x 1 1/4"   | 2501513S       | \$106.00          | 2501513GS         | \$124.50          |
| 2" x 1"             | 72852          | \$106.00          | 73402             | \$124.50          |
| 2" x 1 1/4"         | 72853          | \$115.50          | 73403             | \$135.50          |
| 2" x 1 1/2"         | 72854          | \$106.00          | 73404             | \$124.50          |
| 2 1/2" x 1"         | 72855          | \$143.50          | 73393             | \$165.00          |
| * 2 1/2" x 1 1/4"   | 2502513S       | \$106.00          | 2502513GS         | \$124.50          |
| * 2 1/2" x 1 1/2"   | 2502515S       | \$106.00          | 2502515GS         | \$124.50          |
| * 2 1/2" x 2"       | 2502520S       | \$106.00          | 2502520GS         | \$124.50          |
| 3" x 1"             | 72860          | \$115.50          | 73406             | \$140.50          |
| 3" x 1 1/4"         | 72861          | \$184.00          | 73396             | \$212.00          |
| * 3" x 1 1/2"       | 2503015S       | \$127.00          | 2503015GS         | \$154.50          |
| * 3" x 2"           | 2503020S       | \$93.50           | 2503020GS         | \$114.00          |
| * 3" x 2 1/2"       | 2503025S       | \$127.00          | 2503025GS         | \$153.50          |
| 4" x 1"             | 72867          | \$140.00          | 73409             | \$171.50          |
| 4" x 1 1/4"         | 72868          | \$1,065.00        | 3504013GS         | \$1,193.50        |
| 4" x 1 1/2"         | 72869          | \$192.50          | 73410             | \$254.50          |
| * 4" x 2"           | 2504020S       | \$124.50          | 2504020GS         | \$152.50          |
| * 4" x 2 1/2"       | 2504025S       | \$153.50          | 2504025GS         | \$186.50          |
| * 4" x 3"           | 2504030S       | \$153.50          | 2504030GS         | \$186.50          |
| 5" x 2"             | 72876          | \$1,498.00        | 73399             | \$1,654.50        |
| 5" x 2 1/2"         | 72877          | \$311.00          | 3505025GS         | \$379.00          |
| * 5" x 3"           | 2505030S       | \$177.50          | 2505030GS         | \$219.50          |
| * 5" x 4"           | 2505040S       | \$211.00          | 2505040GS         | \$264.00          |
| * 6" x 2"           | 2506020S       | \$279.50          | 2506020GS         | \$348.50          |
| * 6" x 2 1/2"       | 2506025S       | \$311.00          | 2506025GS         | \$382.00          |
| * 6" x 3"           | 2506030S       | \$279.50          | 2506030GS         | \$348.50          |
| * 6" x 4"           | 2506040S       | \$245.00          | 2506040GS         | \$316.00          |
| * 6" x 5"           | 2506050S       | \$360.50          | 2506050GS         | \$447.00          |
| 8" x 2 1/2"         | 73749          | POA               | 73761             | POA               |
| * 8" x 3"           | 2508030S       | \$497.50          | 2508030GS         | \$619.50          |
| * 8" x 4"           | 2508040S       | \$497.50          | 2508040GS         | \$622.50          |
| * 8" x 5"           | 2508050S       | \$497.50          | 2508050GS         | \$626.00          |
| * 8" x 6"           | 2508060S       | \$631.00          | 2508060GS         | \$790.00          |
| 10" x 4"            | 72889          | \$1,131.50        | 73764             | \$1,393.00        |
| 10" x 5"            | 73750          | \$2,489.00        | 3501050GS         | \$2,840.00        |
| * 10" x 6"          | 2501060S       | \$1,238.00        | 2501060GS         | \$1,542.50        |
| * 10" x 8"          | 2501080S       | \$1,238.00        | 2501080GS         | \$1,569.00        |
| * 12" x 4"          | 2501240S       | \$5,415.50        | 2501240GS         | \$6,445.00        |
| * 12" x 6"          | 2501260S       | \$1,476.00        | 2501260GS         | \$1,824.00        |
| * 12" x 8"          | 2501280S       | \$2,213.50        | 2501280GS         | \$2,613.50        |
| * 12" x 10"         | 2501210S       | \$2,213.50        | 2501210GS         | \$2,740.00        |

|                          |
|--------------------------|
| Introduction             |
| Couplings & Fittings     |
| Mechanical Tees          |
| Valves                   |
| Circuit Balancing Valves |
| Accessories              |
| Copper Systems           |
| Stainless Steel Systems  |
| Plain End Systems        |
| Stainless Steel G-PRESS  |
| HDPE Systems             |
| Gaskets & Spare Parts    |
| Preparation Equipment    |
| Miscellaneous            |
| Indices                  |



### #250 and #350 – Grooved Concentric Reducer



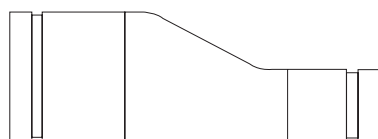
| <i>Nominal Size</i> | <i>Painted</i> | <i>List Price</i> | <i>Galvanized</i> | <i>List Price</i> |
|---------------------|----------------|-------------------|-------------------|-------------------|
| 14" x 6"            | 72897          | \$5,047.00        | 3501460GS         | \$5,470.50        |
| 14" x 8"            | 72898          | \$2,860.50        | 3501480GS         | \$3,165.00        |
| 14" x 10"           | 72899          | \$2,500.50        | 73770             | \$2,789.50        |
| 14" x 12"           | 72900          | \$2,736.50        | 73771             | \$3,086.00        |
| 16" x 8"            | 72901          | \$4,097.50        | 3501680GS         | \$4,468.00        |
| 16" x 10"           | 72902          | \$3,937.00        | 3501610GS         | \$4,468.00        |
| 16" x 12"           | 72903          | \$3,990.00        | 73774             | \$4,493.50        |
| 16" x 14"           | 72904          | \$3,990.00        | 3501614GS         | \$4,548.50        |
| 18" x 12"           | 72906          | \$5,611.00        | 3501812GS         | \$7,324.00        |
| 18" x 14"           | 72910          | \$4,543.00        | 3501814GS         | \$5,723.50        |
| 18" x 16"           | 72911          | \$4,543.00        | 3501816GS         | \$5,723.50        |
| 20" x 10"           | 73751          | \$6,556.50        | 73779             | POA               |
| 20" x 12"           | 72915          | \$6,113.50        | 3502112GS         | \$7,409.00        |
| 20" x 14"           | 73752          | \$6,138.00        | 3502114GS         | \$7,423.50        |
| 20" x 16"           | 73753          | \$4,940.50        | 3502116GS         | \$6,088.00        |
| 20" x 18"           | 73754          | \$4,756.00        | 3502118GS         | \$8,150.50        |
| 24" x 10"           | 72920          | \$13,134.50       | 73784             | POA               |
| 24" x 12"           | 72921          | \$14,339.00       | 73785             | POA               |
| 24" x 14"           | 72922          | \$10,782.50       | 73786             | \$16,025.00       |
| 24" x 16"           | 72923          | \$11,732.50       | 73787             | \$16,999.50       |
| 24" x 18"           | 72924          | \$11,225.50       | 3502418GS         | \$13,550.00       |
| 24" x 20"           | 72925          | \$9,033.00        | 3502421GS         | \$11,369.50       |

Reducer is segmentally welded except where a \* indicates it is available as a cast fitting.

Orders for items in shaded areas **cannot** be cancelled or returned.

#### Technical Data Sheet: G180

### #251 and #351 – Grooved Eccentric Reducer



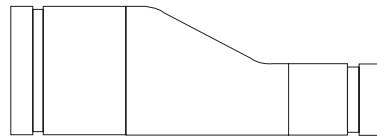
| <i>Nominal Size</i> | <i>Painted</i> | <i>List Price</i> | <i>Galvanized</i> | <i>List Price</i> |
|---------------------|----------------|-------------------|-------------------|-------------------|
| 1 1/2" x 1"         | 3511510S       | \$444.50          | 3511510GS         | \$520.00          |
| 1 1/2" x 1 1/4"     | 73812          | \$436.50          | 3511513GS         | \$543.50          |
| 2" x 1"             | 73815          | \$492.00          | 3512010GS         | \$519.50          |
| 2" x 1 1/4"         | 73813          | \$537.50          | 73846             | POA               |
| 2" x 1 1/2"         | 72930          | \$110.00          | 3512015GS         | \$130.50          |
| 2 1/2" x 1"         | 3512510S       | \$1,158.50        | 3512510GS         | \$1,283.00        |
| 2 1/2" x 1 1/4"     | 72931          | \$117.50          | 3512513GS         | \$136.00          |
| 2 1/2" x 1 1/2"     | 72932          | \$536.50          | 3512515GS         | \$613.00          |
| 2 1/2" x 2"         | 72933          | \$219.50          | 73851             | \$298.00          |
| 3" x 1"             | 3513010S       | \$1,243.00        | 3513010GS         | \$1,368.00        |
| 3" x 1 1/4"         | 73814          | \$1,126.00        | 3513013GS         | POA               |
| 3" x 1 1/2"         | 76587          | \$619.50          | 3513015GS         | \$723.50          |
| * 3" x 2"           | 2513020S       | \$250.50          | 2513020GS         | \$342.00          |
| * 3" x 2 1/2"       | 2513025S       | \$250.50          | 2513025GS         | \$350.00          |
| 4" x 1"             | 3514010S       | \$2,516.00        | 3514010GS         | POA               |
| 4" x 1 1/4"         | 73817          | POA               | 3514013GS         | POA               |
| 4" x 1 1/2"         | 73816          | \$1,522.50        | 3514015GS         | \$1,644.00        |
| * 4" x 2"           | 2514020S       | \$305.50          | 2514020GS         | \$426.00          |
| * 4" x 2 1/2"       | 2514025S       | \$305.50          | 2514025GS         | \$426.00          |
| * 4" x 3"           | 2514030S       | \$305.50          | 2514030GS         | \$426.00          |

# Tyco Mechanical Products

## Section 2 – Couplings & Fittings



### #251 and #351 – Grooved Eccentric Reducer



(Continued from Previous Page)

| <i>Nominal Size</i> | <i>Painted</i> | <i>List Price</i> | <i>Galvanized</i> | <i>List Price</i> |
|---------------------|----------------|-------------------|-------------------|-------------------|
| 5" x 2"             | 73818          | \$1,679.00        | 73860             | \$1,932.00        |
| 5" x 2 1/2"         | 73819          | \$1,430.50        | 73861             | POA               |
| 5" x 3"             | 72939          | \$1,383.00        | 3515030GS         | \$1,541.00        |
| * 5" x 4"           | 2515040S       | \$414.50          | 2515040GS         | \$584.50          |
| 6" x 2"             | 73820          | \$2,377.50        | 72963             | \$2,589.00        |
| 6" x 2 1/2"         | 72941          | \$2,830.00        | 3516025GS         | \$3,080.50        |
| * 6" x 3"           | 2516030S       | \$550.00          | 2516030GS         | \$771.50          |
| * 6" x 4"           | 2516040S       | \$482.50          | 2516040GS         | \$708.00          |
| * 6" x 5"           | 2516050S       | \$578.00          | 2516050GS         | \$819.00          |
| 8" x 3"             | 72946          | \$2,760.50        | 3518030GS         | \$3,007.00        |
| 8" x 4"             | 72947          | \$2,414.50        | 3518040GS         | \$2,754.50        |
| 8" x 5"             | 72948          | \$2,414.50        | 3518050GS         | \$2,754.50        |
| 8" x 6"             | 72949          | \$972.50          | 3518060GS         | \$1,323.50        |
| 10" x 4"            | 72950          | \$4,262.00        | 3511040GS         | \$5,111.00        |
| 10" x 5"            | 3511050S       | \$4,014.50        | 3511050GS         | \$4,724.50        |
| 10" x 6"            | 72951          | \$3,028.00        | 3511060GS         | \$3,589.50        |
| 10" x 8"            | 72952          | \$2,564.00        | 73875             | \$3,188.00        |
| 12" x 4"            | 3511240S       | \$4,460.00        | 3511240GS         | \$5,266.00        |
| 12" x 5"            | 3511250S       | POA               | 3511250GS         | POA               |
| 12" x 6"            | 73823          | \$4,044.50        | 73877             | \$4,871.50        |
| 12" x 8"            | 72953          | \$3,942.00        | 73878             | \$4,716.50        |
| 12" x 10"           | 72954          | \$3,529.50        | 3511210GS         | \$4,185.00        |
| 14" x 6"            | 3511460S       | \$6,163.00        | 3511460GS         | \$7,335.00        |
| 14" x 8"            | 72955          | \$4,667.00        | 3511480GS         | \$5,325.00        |
| 14" x 10"           | 73825          | \$4,269.00        | 3511410GS         | \$4,668.50        |
| 14" x 12"           | 72956          | \$4,146.00        | 73883             | \$4,535.00        |
| 16" x 8"            | 3511680S       | \$6,807.00        | 73884             | \$7,488.00        |
| 16" x 10"           | 373828         | \$6,289.00        | 73885             | \$7,232.50        |
| 16" x 12"           | 72958          | \$6,186.00        | 3511612GS         | \$6,765.50        |
| 16" x 14"           | 73830          | \$6,054.50        | 73887             | \$7,321.50        |
| 18" x 12"           | 73831          | \$8,033.00        | 73888             | \$9,237.50        |
| 18" x 14"           | 73832          | \$7,299.00        | 3511814GS         | \$8,827.00        |
| 18" x 16"           | 73833          | \$7,299.00        | 3511816GS         | \$9,210.00        |
| 20" x 12"           | 3512112S       | \$8,338.00        | 73892             | POA               |
| 20" x 14"           | 73836          | \$8,567.50        | 73893             | POA               |
| 20" x 16"           | 73837          | \$8,273.50        | 3512116GS         | \$10,006.00       |
| 20" x 18"           | 73838          | \$8,273.50        | 3512118GS         | \$10,441.00       |
| 24" x 10"           | 3512410S       | POA               | 3512410GS         | POA               |
| 24" x 12"           | 73840          | \$11,079.50       | 73897             | POA               |
| 24" x 14"           | 73841          | \$13,906.00       | 73898             | POA               |
| 24" x 16"           | 73842          | \$13,906.00       | 73899             | \$15,991.50       |
| 24" x 18"           | 73843          | \$13,116.00       | 3512418GS         | \$15,463.50       |
| 24" x 20"           | 3512421S       | \$13,272.50       | 3512421GS         | \$16,391.50       |

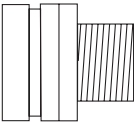
Reducer is segmentally welded except where a \* indicates it is available as a cast fitting.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G180**



### #372 Groove x Male Thread – Reducer

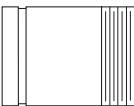
|                                                                                   | Nominal Size    | Painted  | List Price | Galvanized | List Price |
|-----------------------------------------------------------------------------------|-----------------|----------|------------|------------|------------|
|  | 1 1/2" x 1"     | 76800    | \$110.00   | 76825      | \$135.00   |
|                                                                                   | 2" x 3/4"       | 76801    | \$110.00   | 76826      | \$135.00   |
|                                                                                   | 2" x 1"         | 76802    | \$110.00   | 76827      | \$135.00   |
|                                                                                   | 2" x 1 1/4"     | 76815    | \$110.00   | 3722013GS  | \$135.00   |
|                                                                                   | 2" x 1 1/2"     | 76803    | \$110.00   | 76828      | \$135.00   |
|                                                                                   | 2 1/2" x 1 1/4" | 76816    | \$155.50   | 3722513GS  | \$191.50   |
|                                                                                   | 2 1/2" x 1 1/2" | 76817    | \$163.00   | 3722515GS  | \$191.50   |
|                                                                                   | 2 1/2" x 2"     | 76804    | \$110.00   | 76829      | \$135.00   |
|                                                                                   | 3" x 1"         | 76805    | \$119.50   | 76830      | \$144.00   |
|                                                                                   | 3" x 1 1/4"     | 76818    | \$375.50   | 3723013GS  | \$417.50   |
|                                                                                   | 3" x 1 1/2"     | 76819    | \$135.00   | 73797      | \$161.50   |
|                                                                                   | 3" x 2"         | 76806    | \$135.00   | 76831      | \$161.50   |
|                                                                                   | 3" x 2 1/2"     | 76807    | \$163.00   | 76832      | \$191.50   |
|                                                                                   | 4" x 1"         | 76808    | \$154.00   | 76833      | \$186.50   |
|                                                                                   | 4" x 1 1/4"     | 76820    | POA        | 3724013GS  | POA        |
|                                                                                   | 4" x 1 1/2"     | 76821    | \$359.00   | 73799      | \$469.50   |
|                                                                                   | 4" x 2"         | 76809    | \$164.00   | 76834      | \$196.00   |
|                                                                                   | 4" x 2 1/2"     | 76810    | \$164.50   | 76835      | \$201.50   |
|                                                                                   | 4" x 3"         | 76811    | \$201.00   | 76836      | \$237.50   |
|                                                                                   | 5" x 3"         | 3725030S | POA        | 3725030GS  | POA        |
|                                                                                   | 5" x 4"         | 3725040S | \$1,136.00 | 3725040GS  | \$1,235.50 |
|                                                                                   | 6" x 1"         | 76812    | \$311.00   | 76837      | \$382.00   |
|                                                                                   | 6" x 2"         | 76813    | \$311.00   | 76838      | \$382.00   |
|                                                                                   | 6" x 3"         | 76814    | \$311.00   | 76839      | \$382.00   |
|                                                                                   | 6" x 4"         | 73792    | \$1,865.00 | 3726040GS  | \$2,065.50 |
|                                                                                   | 6" x 5"         | 73793    | POA        | 73802      | POA        |

Reducer is segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G180

### #391 Groove x Male Thread – Adapter Nipple

|                                                                                     | Nominal Size<br>(O.D. x Length) | Painted | List Price | Galvanized | List Price |
|-------------------------------------------------------------------------------------|---------------------------------|---------|------------|------------|------------|
|  | 1 1/4" x 4" L                   | 75121   | \$54.50    | 74292      | POA        |
|                                                                                     | 1 1/2" x 4" L                   | 75122   | \$55.00    | 74293      | POA        |
|                                                                                     | 2" x 4" L                       | 75123   | \$55.00    | 74294      | POA        |
|                                                                                     | 2 1/2" x 4" L                   | 75124   | \$63.00    | 74295      | POA        |
|                                                                                     | 3" x 4" L                       | 75125   | \$77.00    | 74296      | POA        |
|                                                                                     | 3" x 6" L                       | 74335   | \$123.50   | 3913060GS  | POA        |
|                                                                                     | 4" x 6" L                       | 75126   | \$124.50   | 74297      | POA        |
|                                                                                     | 5" x 6" L                       | 75129   | \$256.50   | 3915060GS  | POA        |
|                                                                                     | 6" x 6" L                       | 75130   | \$330.50   | 3916060GS  | POA        |
|                                                                                     | 8" x 6" L                       | 75131   | \$369.00   | 74336      | POA        |
|                                                                                     | 10" x 8" L                      | 75132   | \$516.50   | 74337      | POA        |
|                                                                                     | 12" x 8" L                      | 75133   | \$647.00   | 74338      | POA        |

Adapter Nipple is segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

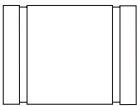
Technical Data Sheet: G180

# Tyco Mechanical Products

## Section 2 – Couplings & Fittings



### #392 Groove x Groove – Adapter Nipple

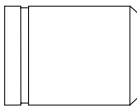
|  | Nominal Size<br>(O.D. x Length) | Painted | List Price | Galvanized | List Price |
|-----------------------------------------------------------------------------------|---------------------------------|---------|------------|------------|------------|
|                                                                                   | 1 1/4" x 4" L                   | 75098   | \$55.00    | 74339      | POA        |
|                                                                                   | 1 1/2" x 4" L                   | 75099   | \$55.00    | 3921540GS  | POA        |
|                                                                                   | 2" x 4" L                       | 75100   | \$55.00    | 3922040GS  | POA        |
|                                                                                   | 2 1/2" x 4" L                   | 75101   | \$63.00    | 3922540GS  | POA        |
|                                                                                   | 3" x 4" L                       | 75102   | \$76.50    | 3923040GS  | POA        |
|                                                                                   | 4" x 6" L                       | 75103   | \$125.50   | 74309      | POA        |
|                                                                                   | 5" x 6" L                       | 75104   | \$256.50   | 3925060GS  | POA        |
|                                                                                   | 6" x 6" L                       | 75105   | \$330.50   | 74311      | POA        |
|                                                                                   | 8" x 6" L                       | 75106   | \$369.00   | 3928060GS  | POA        |
|                                                                                   | 10" x 8" L                      | 75107   | \$516.50   | 3921080GS  | POA        |
|                                                                                   | 12" x 8" L                      | 75108   | \$647.00   | 3921280GS  | POA        |

Adapter Nipple is segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G180**

### #393 Groove x Beveled – Adapter Nipple

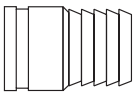
|  | Nominal Size<br>(O.D. x Length) | Painted  | List Price | Galvanized | List Price |
|------------------------------------------------------------------------------------|---------------------------------|----------|------------|------------|------------|
|                                                                                    | 1 1/4" x 4" L                   | 75148    | \$55.00    | 3931340GS  | POA        |
|                                                                                    | 1 1/2" x 4" L                   | 3931540S | \$55.00    | 3931540GS  | POA        |
|                                                                                    | 2" x 4" L                       | 75150    | \$55.00    | 3932040GS  | POA        |
|                                                                                    | 2 1/2" x 4" L                   | 75151    | \$63.00    | 3932540GS  | POA        |
|                                                                                    | 3" x 4" L                       | 75152    | \$76.50    | 74330      | POA        |
|                                                                                    | 4" x 6" L                       | 75153    | \$125.50   | 74331      | POA        |
|                                                                                    | 5" x 6" L                       | 75158    | \$256.50   | 3935060GS  | POA        |
|                                                                                    | 6" x 6" L                       | 75154    | \$330.50   | 3936060GS  | POA        |
|                                                                                    | 8" x 6" L                       | 75155    | \$369.00   | 3938060GS  | POA        |
|                                                                                    | 10" x 8" L                      | 75156    | \$516.50   | 3931080GS  | POA        |
|                                                                                    | 12" x 8" L                      | 75157    | \$647.00   | 3931280GS  | POA        |

Adapter Nipple is segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G180**

### #395 Hose Adapter Nipple, Groove x Hose

|  | Nominal Size<br>(O.D. x Length) | Painted   | List Price | Galvanized | List Price |
|-------------------------------------------------------------------------------------|---------------------------------|-----------|------------|------------|------------|
|                                                                                     | 1" x 3 1/4" L                   | 72680     | \$179.00   | 72692      | POA        |
|                                                                                     | 1 1/4" x 3 5/8" L               | 72681     | \$179.00   | 72693      | POA        |
|                                                                                     | 1 1/2" x 4" L                   | 72682     | \$179.00   | 72694      | \$213.50   |
|                                                                                     | 2" x 4 5/8" L                   | 72683     | \$179.00   | 72695      | \$213.50   |
|                                                                                     | 2 1/2" x 5 1/2" L               | 72684     | \$179.00   | 72696      | \$213.50   |
|                                                                                     | 3" x 6" L                       | 72685     | \$258.00   | 72697      | \$310.50   |
|                                                                                     | 4" x 7 1/4" L                   | 72686     | \$446.50   | 72698      | \$537.00   |
|                                                                                     | 5" x 9 3/4" L                   | 72687     | \$674.00   | 72699      | POA        |
|                                                                                     | 6" x 11" L                      | 72688     | \$800.00   | 72620      | POA        |
|                                                                                     | 8" x 12 1/2" L                  | 39580125S | \$1,655.00 | 39580125GS | POA        |
|                                                                                     | 10" x 14" L                     | 3951014S  | \$1,632.00 | 72622      | POA        |
|                                                                                     | 12" x 16" L                     | 72691     | POA        | 72623      | POA        |

Adapter Nipple is segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G180**

Customer Service: (800) 558-5236

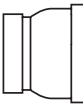
[www.grinnell.com](http://www.grinnell.com)

See latest catalog or technical data sheets for specific approvals, listings, and design parameters.  
POA = Price on availability. Prices subject to change without notice.

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Miscellaneous  
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### #380 Female Thread Adapter, Groove x Female Pipe Thread

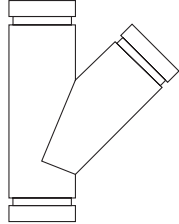
|  | Nominal Size | Painted | List Price | Galvanized | List Price |
|-----------------------------------------------------------------------------------|--------------|---------|------------|------------|------------|
|                                                                                   | 1"           | 72601   | \$497.50   | 72607      | \$533.50   |
|                                                                                   | 1 1/4"       | 72602   | \$263.00   | 72608      | \$294.50   |
|                                                                                   | 1 1/2"       | 72603   | \$340.50   | 72609      | \$363.00   |
|                                                                                   | 2"           | 72604   | \$161.50   | 72610      | \$189.00   |
|                                                                                   | 2 1/2"       | 72613   | \$161.50   | 72614      | \$189.00   |
|                                                                                   | 3"           | 72605   | \$187.00   | 72611      | \$228.00   |
|                                                                                   | 4"           | 72606   | \$285.50   | 72612      | \$358.00   |

Adapter is segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G180**

### #314 Grooved Lateral

|  | Nominal Size | Painted | List Price  | Galvanized | List Price  |
|------------------------------------------------------------------------------------|--------------|---------|-------------|------------|-------------|
|                                                                                    | 1 1/4"       | 31413S  | \$537.00    | 31413GS    | POA         |
|                                                                                    | 1 1/2"       | 31415S  | POA         | 31415GS    | POA         |
|                                                                                    | 2"           | 75700   | \$535.00    | 74700      | \$655.00    |
|                                                                                    | 2 1/2"       | 75701   | \$537.00    | 74701      | \$657.50    |
|                                                                                    | 3"           | 75702   | \$593.00    | 74702      | \$747.00    |
|                                                                                    | 4"           | 75703   | \$912.00    | 74703      | \$1,136.00  |
|                                                                                    | 5"           | 31450S  | \$1,331.50  | 31405GS    | \$1,671.50  |
|                                                                                    | 6"           | 75704   | \$2,143.00  | 74704      | \$2,574.00  |
|                                                                                    | 8"           | 75705   | \$3,084.00  | 74705      | \$3,737.50  |
|                                                                                    | 10"          | 75706   | \$4,190.00  | 31410GS    | \$4,860.00  |
|                                                                                    | 12"          | 75707   | \$5,064.50  | 31412GS    | \$6,417.50  |
|                                                                                    | 14"          | 75708   | \$4,483.50  | 31414GS    | \$5,752.50  |
|                                                                                    | 16"          | 31416S  | \$5,600.00  | 31416GS    | \$7,193.00  |
|                                                                                    | 18"          | 75710   | \$6,260.00  | 31418GS    | \$8,137.50  |
|                                                                                    | 20"          | 75711   | \$9,494.50  | 31421GS    | \$12,031.00 |
|                                                                                    | 24"          | 75712   | \$14,753.00 | 31424GS    | \$17,190.50 |

Lateral is segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

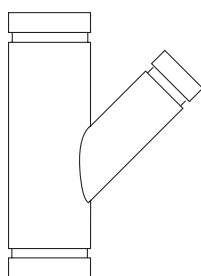
**Technical Data Sheet: G180**

# Tyco Mechanical Products

## Section 2 – Couplings & Fittings



### #325 Grooved Reducing Lateral



| <i>Nominal Size</i> | <i>Painted</i> | <i>List Price</i> | <i>Galvanized</i> | <i>List Price</i> |
|---------------------|----------------|-------------------|-------------------|-------------------|
| 3" x 3" x 2"        | 75670          | \$465.00          | 3253020GS         | \$580.00          |
| 3" x 3" x 2 1/2"    | 75671          | \$465.00          | 75695             | POA               |
| 4" x 4" x 2"        | 75672          | \$912.00          | 74672             | \$1,086.00        |
| 4" x 4" x 2 1/2"    | 75673          | \$912.00          | 74673             | \$1,125.00        |
| 4" x 4" x 3"        | 75674          | \$912.00          | 3254030GS         | \$1,134.50        |
| 5" x 5" x 2"        | 75675          | \$1,331.50        | 74675             | POA               |
| 5" x 5" x 2 1/2"    | 3255025S       | POA               | 73935             | POA               |
| 5" x 5" x 3"        | 75676          | \$1,331.50        | 74676             | \$1,651.00        |
| 5" x 5" x 4"        | 75677          | \$1,331.50        | 74677             | \$1,677.50        |
| 6" x 6" x 2"        | 75678          | POA               | 74678             | POA               |
| 6" x 6" x 2 1/2"    | 3256025S       | POA               | 3256025GS         | POA               |
| 6" x 6" x 3"        | 75679          | \$1,718.50        | 74679             | \$2,150.00        |
| 6" x 6" x 4"        | 75680          | \$1,718.50        | 74680             | \$2,165.00        |
| 6" x 6" x 5"        | 75681          | \$1,718.50        | 74681             | \$2,188.00        |
| 8" x 8" x 4"        | 75682          | \$2,479.00        | 74682             | \$3,146.50        |
| 8" x 8" x 5"        | 75683          | \$2,479.00        | 74683             | \$3,174.50        |
| 8" x 8" x 6"        | 75684          | \$2,479.00        | 74684             | \$3,213.00        |
| 10" x 10" x 4"      | 75685          | \$2,713.00        | 74685             | \$3,564.00        |
| 10" x 10" x 5"      | 75686          | POA               | 74686             | \$3,798.00        |
| 10" x 10" x 6"      | 75687          | \$2,975.50        | 74687             | \$3,801.50        |
| 10" x 10" x 8"      | 75688          | \$3,031.00        | 74688             | \$4,045.00        |
| 12" x 12" x 4"      | 75689          | POA               | 74689             | POA               |
| 12" x 12" x 6"      | 75690          | \$3,517.00        | 74690             | \$5,013.50        |
| 12" x 12" x 8"      | 75691          | \$3,562.00        | 74691             | \$4,811.50        |
| 12" x 12" x 10"     | 75692          | \$3,609.00        | 74692             | \$4,969.00        |
| 14" x 14" x 4"      | 73913          | \$1,980.50        | 73937             | \$2,979.50        |
| 14" x 14" x 6"      | 73914          | \$2,126.00        | 3251460GS         | \$3,179.00        |
| 14" x 14" x 8"      | 73915          | \$2,286.50        | 3251480GS         | \$3,596.50        |
| 14" x 14" x 10"     | 73916          | \$2,898.50        | 3251410GS         | \$3,797.50        |
| 14" x 14" x 12"     | 73917          | \$2,941.50        | 3251412GS         | \$4,215.50        |
| 16" x 16" x 6"      | 73918          | \$3,081.50        | 3251660GS         | \$4,385.00        |
| 16" x 16" x 8"      | 73919          | \$3,258.50        | 3251680GS         | \$5,244.50        |
| 16" x 16" x 10"     | 73920          | \$3,803.00        | 3251610GS         | \$5,189.50        |
| 16" x 16" x 12"     | 73921          | \$3,963.50        | 3251612GS         | \$5,566.00        |
| 16" x 16" x 14"     | 73922          | \$3,963.50        | 3251614GS         | \$5,566.00        |
| 18" x 18" x 6"      | 73923          | \$3,963.50        | 3251860GS         | \$5,566.00        |
| 18" x 18" x 8"      | 73924          | \$3,963.50        | 3251880GS         | \$5,566.00        |
| 18" x 18" x 10"     | 73925          | POA               | 73949             | POA               |
| 18" x 18" x 12"     | 73926          | \$4,405.00        | 73950             | \$6,227.00        |
| 18" x 18" x 14"     | 73927          | \$5,273.00        | 3251814GS         | \$6,858.00        |
| 18" x 18" x 16"     | 73928          | \$5,931.50        | 3251816GS         | \$7,662.00        |
| 20" x 20" x 12"     | 73929          | \$5,668.50        | 3252112GS         | \$8,095.00        |
| 20" x 20" x 14"     | 73930          | \$5,843.50        | 3252114GS         | \$8,342.50        |
| 20" x 20" x 16"     | 73931          | \$6,893.00        | 3252116GS         | \$9,581.00        |
| 24" x 24" x 16"     | 73932          | \$13,084.00       | 74327             | \$16,848.00       |
| 24" x 24" x 20"     | 73933          | \$14,233.00       | 3252421GS         | \$17,405.00       |

Lateral is segmentally welded.

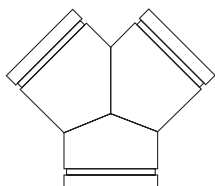
Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G180**

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### #324 Grooved Wye



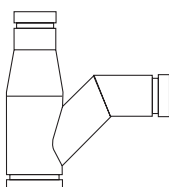
| <i>Nominal Size</i> | <i>Painted</i> | <i>List Price</i> | <i>Galvanized</i> | <i>List Price</i> |
|---------------------|----------------|-------------------|-------------------|-------------------|
| 1 1/4"              | 75901          | \$513.00          | 74224             | POA               |
| 1 1/2"              | 75902          | \$515.00          | 32415GS           | \$610.50          |
| 2"                  | 75903          | \$515.00          | 74226             | \$613.00          |
| 2 1/2"              | 75904          | \$515.00          | 32425GS           | \$613.00          |
| 3"                  | 75905          | \$615.50          | 74228             | \$732.00          |
| 4"                  | 75906          | \$803.00          | 74229             | \$965.50          |
| 5"                  | 75907          | \$1,153.50        | 32450GS           | \$1,384.50        |
| 6"                  | 75908          | \$1,423.50        | 74231             | \$1,734.00        |
| 8"                  | 75909          | \$2,050.00        | 32480GS           | \$2,519.00        |
| 10"                 | 75910          | \$3,403.50        | 74233             | \$4,169.00        |
| 12"                 | 75911          | \$3,759.00        | 74234             | \$4,755.00        |
| 14"                 | 75912          | \$2,741.00        | 32414GS           | \$3,421.00        |
| 16"                 | 75913          | \$3,809.50        | 32416GS           | \$4,548.50        |
| 18"                 | 75914          | \$4,441.50        | 32418GS           | \$5,422.50        |
| 20"                 | 75915          | \$5,943.00        | 32421GS           | \$7,355.00        |
| 24"                 | 75916          | \$10,597.50       | 32424GS           | \$11,167.50       |

Wye is segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G180**

### #331 Grooved Reducing Tee Wye



| <i>Nominal Size</i> | <i>Painted</i> | <i>List Price</i> | <i>Galvanized</i> | <i>List Price</i> |
|---------------------|----------------|-------------------|-------------------|-------------------|
| 4" x 3" x 3"        | 3314030S       | \$1,374.00        | 3314030GS         | \$1,634.00        |
| 4" x 3" x 4"        | 75734          | \$1,954.00        | 74214             | \$2,340.50        |
| 5" x 3" x 3"        | 3315030S       | \$1,855.50        | 3315030GS         | \$2,178.00        |
| 5" x 3" x 5"        | 75736          | POA               | 331503050GS       | POA               |
| 5" x 4" x 3"        | 74208          | POA               | 74217             | POA               |
| 5" x 4" x 4"        | 75737          | POA               | 74218             | POA               |
| 6" x 4" x 6"        | 74209          | \$6,966.50        | 74219             | POA               |
| 6" x 5" x 3"        | 74210          | POA               | 74220             | POA               |
| 6" x 5" x 4"        | 74211          | POA               | 74221             | POA               |
| 8" x 6" x 4"        | 74212          | POA               | 74222             | \$4,366.00        |
| 8" x 6" x 8"        | 75746          | \$8,162.00        | 74223             | \$8,987.00        |

Wye is segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G180**

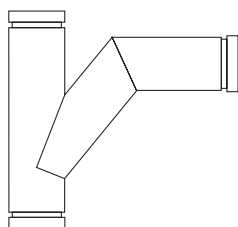
# Tyco Mechanical Products

## Section 2 – Couplings & Fittings



# Grinnell

### #330 Grooved Tee Wye



| <i>Nominal Size</i>      | <i>Painted</i> | <i>List Price</i> | <i>Galvanized</i> | <i>List Price</i> |
|--------------------------|----------------|-------------------|-------------------|-------------------|
| 2" x 2" x 2"             | 75730          | \$933.50          | 3302020GS         | \$1,107.50        |
| 2 1/2" x 2 1/2" x 2 1/2" | 75731          | \$933.50          | 3302525GS         | \$1,111.50        |
| 3" x 3" x 3"             | 75732          | \$1,070.50        | 73979             | \$1,291.50        |
| 4" x 4" x 3"             | 73957          | \$1,289.00        | 73980             | \$1,560.00        |
| 4" x 4" x 4"             | 75735          | \$1,485.50        | 73981             | \$1,806.00        |
| 5" x 5" x 3"             | 3305030S       | \$1,865.50        | 3305030GS         | \$2,186.50        |
| 5" x 5" x 4"             | 3305040S       | \$2,150.00        | 73983             | \$2,400.50        |
| 5" x 5" x 5"             | 75738          | \$3,159.00        | 3305050GS         | \$3,858.50        |
| 6" x 6" x 3"             | 3306030S       | \$1,528.00        | 3306030GS         | \$1,972.50        |
| 6" x 6" x 4"             | 3306040S       | \$1,862.00        | 73986             | \$2,327.00        |
| 6" x 6" x 5"             | 73962          | POA               | 73987             | POA               |
| 6" x 6" x 6"             | 75742          | \$2,832.00        | 73988             | \$3,502.00        |
| 8" x 8" x 3"             | 3308030S       | \$1,819.50        | 73989             | \$2,642.50        |
| 8" x 8" x 4"             | 3308040S       | \$2,167.50        | 73990             | \$2,987.00        |
| 8" x 8" x 5"             | 3308050S       | \$2,868.50        | 3308050GS         | \$3,773.00        |
| 8" x 8" x 6"             | 3308060S       | \$3,128.50        | 73992             | \$4,091.00        |
| 8" x 8" x 8"             | 75759          | \$4,310.00        | 73993             | \$5,464.50        |
| 10" x 10" x 3"           | 3301030S       | \$2,413.50        | 3301030GS         | \$3,345.50        |
| 10" x 10" x 4"           | 3301040S       | \$2,646.50        | 73995             | \$3,634.00        |
| 10" x 10" x 5"           | 73969          | POA               | 73996             | \$4,432.50        |
| 10" x 10" x 6"           | 73970          | \$3,510.00        | 73997             | \$4,656.50        |
| 10" x 10" x 8"           | 73971          | \$4,553.50        | 73998             | \$5,858.00        |
| 10" x 10" x 10"          | 75752          | \$5,947.00        | 3301010GS         | \$7,625.00        |
| 12" x 12" x 3"           | 73972          | POA               | 3301230GS         | POA               |
| 12" x 12" x 4"           | 73973          | POA               | 72032             | POA               |
| 12" x 12" x 6"           | 3301260S       | POA               | 3301260GS         | POA               |
| 12" x 12" x 8"           | 3301280S       | POA               | 3301280GS         | POA               |
| 12" x 12" x 10"          | 3301210S       | POA               | 72035             | POA               |
| 12" x 12" x 12"          | 75758          | \$8,199.00        | 3301212GS         | \$10,410.00       |

Wye is segmentally welded.

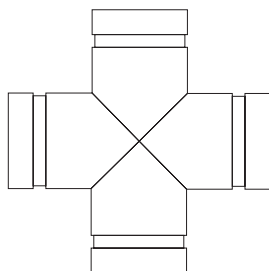
Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G180**

Introduction  
Couplings & Fittings  
Mechanical Tees  
Valves  
Circuit Balancing Valves  
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Plain End Systems  
Stainless Steel G-PRESS  
HDPE Systems  
Gaskets & Spare Parts  
Preparation Equipment  
Miscellaneous  
Indices



### #327 – Grooved Cross



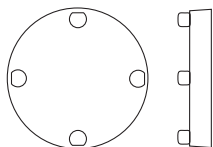
| <i>Nominal Size</i>             | <i>Painted</i> | <i>List Price</i> | <i>Galvanized</i> | <i>List Price</i> |
|---------------------------------|----------------|-------------------|-------------------|-------------------|
| 1 <sup>1</sup> / <sub>4</sub> " | <b>32713S</b>  | \$404.50          | <b>32713GS</b>    | \$471.00          |
| 1 <sup>1</sup> / <sub>2</sub> " | <b>73729</b>   | \$435.50          | <b>32715GS</b>    | \$505.00          |
| 2"                              | <b>75840</b>   | \$249.00          | <b>75849</b>      | \$296.50          |
| 2 <sup>1</sup> / <sub>2</sub> " | <b>75841</b>   | \$249.00          | <b>75850</b>      | \$296.50          |
| 3"                              | <b>75842</b>   | \$442.50          | <b>75851</b>      | \$541.50          |
| 4"                              | <b>75843</b>   | \$733.00          | <b>75852</b>      | \$902.00          |
| 5"                              | <b>73730</b>   | \$1,494.00        | <b>32750GS</b>    | \$1,800.00        |
| 6"                              | <b>75845</b>   | \$1,916.50        | <b>75853</b>      | \$2,326.50        |
| 8"                              | <b>75846</b>   | \$2,525.00        | <b>76757</b>      | \$3,123.50        |
| 10"                             | <b>75847</b>   | \$4,141.50        | <b>76758</b>      | \$5,123.00        |
| 12"                             | <b>75848</b>   | \$5,976.50        | <b>76759</b>      | \$7,445.00        |
| 14"                             | <b>32714S</b>  | \$3,966.00        | <b>32714GS</b>    | \$5,427.50        |
| 16"                             | <b>32716S</b>  | \$5,718.50        | <b>73743</b>      | \$6,601.00        |
| 18"                             | <b>32718S</b>  | \$6,975.00        | <b>32718GS</b>    | \$8,060.50        |
| 20"                             | <b>32721S</b>  | \$8,324.50        | <b>32721GS</b>    | \$11,968.00       |
| 24"                             | <b>32724S</b>  | \$12,093.50       | <b>32724GS</b>    | \$16,878.00       |

Cross is segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G180**

### #260 and #360 – Grooved Cap



| <i>Nominal Size</i>               | <i>Painted</i> | <i>List Price</i> | <i>Galvanized</i> | <i>List Price</i> |
|-----------------------------------|----------------|-------------------|-------------------|-------------------|
| 1" *                              | <b>26001S</b>  | \$77.00           | <b>26001GS</b>    | \$91.50           |
| 1 <sup>1</sup> / <sub>4</sub> " * | <b>26013S</b>  | \$77.00           | <b>26013GS</b>    | \$91.50           |
| 1 <sup>1</sup> / <sub>2</sub> " * | <b>26015S</b>  | \$77.00           | <b>26015GS</b>    | \$91.50           |
| 2" *                              | <b>26020S</b>  | \$77.00           | <b>26020GS</b>    | \$91.50           |
| 2 <sup>1</sup> / <sub>2</sub> " * | <b>26025S</b>  | \$77.00           | <b>26025GS</b>    | \$91.50           |
| 3" *                              | <b>26030S</b>  | \$77.00           | <b>26030GS</b>    | \$91.50           |
| 4" *                              | <b>26040S</b>  | \$82.50           | <b>26040GS</b>    | \$108.00          |
| 5" *                              | <b>26050S</b>  | \$191.50          | <b>26050GS</b>    | \$256.00          |
| 6" *                              | <b>26060S</b>  | \$191.00          | <b>26060GS</b>    | \$256.00          |
| 8" *                              | <b>26080S</b>  | \$364.00          | <b>26080GS</b>    | \$482.00          |
| 10" *                             | <b>26010S</b>  | \$637.00          | <b>26010GS</b>    | \$796.50          |
| 12" *                             | <b>26012S</b>  | \$1,114.50        | <b>26012GS</b>    | \$1,393.00        |
| 14"                               | <b>73807</b>   | \$1,568.00        | <b>75488</b>      | \$1,794.50        |
| 16"                               | <b>73803</b>   | \$1,774.00        | <b>73808</b>      | \$2,118.50        |
| 18"                               | <b>73804</b>   | \$2,053.50        | <b>73809</b>      | \$2,426.50        |
| 20"                               | <b>73805</b>   | \$2,332.00        | <b>73810</b>      | \$2,785.50        |
| 24"                               | <b>73806</b>   | \$3,175.50        | <b>73811</b>      | \$3,672.00        |

Cap is segmentally welded except where a \* indicates it is available as a cast fitting.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G180**

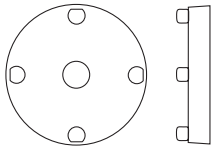
# Tyco Mechanical Products

## Section 2 – Couplings & Fittings



# Grinnell

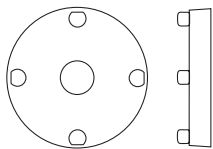
### #260 Cast – Grooved Cap with 1/2" Tap

|  | Nominal Size | Painted | List Price |
|-----------------------------------------------------------------------------------|--------------|---------|------------|
|                                                                                   | 1 1/4"       | 26013TS | POA        |
|                                                                                   | 1 1/2"       | 26015TS | POA        |
|                                                                                   | 2"           | 26020TS | \$392.50   |
|                                                                                   | 2 1/2"       | 26025TS | \$397.00   |
|                                                                                   | 3"           | 26030TS | \$397.00   |
|                                                                                   | 4"           | 26040TS | \$403.50   |
|                                                                                   | 5"           | 26050TS | POA        |
|                                                                                   | 6"           | 26060TS | \$555.00   |
|                                                                                   | 8"           | 26080TS | \$818.00   |
|                                                                                   | 10"          | 26010TS | POA        |
|                                                                                   | 12"          | 26012TS | POA        |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G180

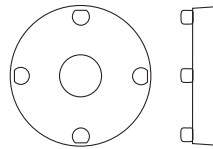
### #260 Cast – Grooved Cap with 3/4" Tap

|  | Nominal Size | Painted   | List Price |
|------------------------------------------------------------------------------------|--------------|-----------|------------|
|                                                                                    | 2"           | 26020T75S | \$391.50   |
|                                                                                    | 2 1/2"       | 26025T75S | POA        |
|                                                                                    | 3"           | 26030T75S | POA        |
|                                                                                    | 4"           | 26040T75S | POA        |
|                                                                                    | 5"           | 26050T75S | POA        |
|                                                                                    | 6"           | 26060T75S | \$553.50   |
|                                                                                    | 8"           | 26080T75S | \$661.50   |
|                                                                                    | 10"          | 26010T75S | \$1,269.00 |
|                                                                                    | 12"          | 26012T75S | \$1,468.50 |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G180

### #260 Cast – Grooved Cap with 1" Tap

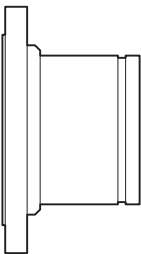
|  | Nominal Size | Painted  | List Price |
|-------------------------------------------------------------------------------------|--------------|----------|------------|
|                                                                                     | 2"           | 26020T1S | \$392.50   |
|                                                                                     | 2 1/2"       | 26025T1S | POA        |
|                                                                                     | 3"           | 26030T1S | \$523.50   |
|                                                                                     | 4"           | 26040T1S | \$504.50   |
|                                                                                     | 5"           | 26050T1S | POA        |
|                                                                                     | 6"           | 26060T1S | \$555.00   |
|                                                                                     | 8"           | 26080T1S | \$663.50   |
|                                                                                     | 10"          | 26010T1S | POA        |
|                                                                                     | 12"          | 26012T1S | POA        |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G180



### #341 Groove x Flange – Adapter 150#

|  | Nominal Size | Painted | List Price | Galvanized | List Price |
|-----------------------------------------------------------------------------------|--------------|---------|------------|------------|------------|
|                                                                                   | 1 1/4"       | 74240   | POA        | 74245      | POA        |
|                                                                                   | 1 1/2"       | 74241   | \$378.00   | 34115GS    | \$597.00   |
|                                                                                   | 2"           | 73230   | \$378.00   | 34120GS    | \$597.00   |
|                                                                                   | 2 1/2"       | 73231   | \$754.00   | 73251      | \$888.00   |
|                                                                                   | 3"           | 73232   | \$772.00   | 73252      | \$917.50   |
|                                                                                   | 4"           | 73233   | \$883.00   | 73253      | \$1,282.00 |
|                                                                                   | 5"           | 73234   | \$1,217.50 | 73254      | \$1,685.50 |
|                                                                                   | 6"           | 73235   | \$1,239.50 | 73255      | \$1,710.00 |
|                                                                                   | 8"           | 73236   | \$1,534.00 | 73256      | \$2,283.00 |
|                                                                                   | 10"          | 73237   | \$2,325.50 | 74265      | \$3,485.50 |
|                                                                                   | 12"          | 73238   | \$3,183.00 | 74254      | \$4,595.50 |
|                                                                                   | 14"          | 73239   | \$4,234.00 | 34114GS    | \$4,709.50 |
|                                                                                   | 16"          | 73240   | \$5,045.50 | 34116GS    | \$5,857.50 |
|                                                                                   | 18"          | 73241   | \$5,585.50 | 34118GS    | \$6,080.50 |
|                                                                                   | 20"          | 73242   | \$5,859.00 | 34121GS    | \$6,339.50 |
|                                                                                   | 24"          | 73243   | \$6,134.50 | 74259      | \$6,600.00 |

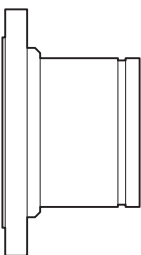
Adapter is segmentally welded.

Raised face flanges are standard; flat flanges are quoted on application.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G180**

### #342 Groove x Flange – Adapter 300#

|  | Nominal Size | Painted | List Price | Galvanized | List Price |
|-------------------------------------------------------------------------------------|--------------|---------|------------|------------|------------|
|                                                                                     | 1 1/4"       | 74260   | POA        | 74276      | \$545.50   |
|                                                                                     | 1 1/2"       | 34215S  | \$434.50   | 34215GS    | POA        |
|                                                                                     | 2"           | 34220S  | \$465.50   | 74278      | \$547.50   |
|                                                                                     | 2 1/2"       | 74263   | \$463.50   | 34225GS    | \$545.50   |
|                                                                                     | 3"           | 74264   | \$646.00   | 34230GS    | \$817.00   |
|                                                                                     | 4"           | 73260   | \$1,215.00 | 34240GS    | \$1,389.50 |
|                                                                                     | 5"           | 73261   | \$1,239.50 | 73264      | POA        |
|                                                                                     | 6"           | 73262   | \$1,244.00 | 74283      | \$1,871.00 |
|                                                                                     | 8"           | 74268   | \$2,543.50 | 34280GS    | \$3,013.00 |
|                                                                                     | 10"          | 34210S  | \$3,151.50 | 34210GS    | POA        |
|                                                                                     | 12"          | 34212S  | \$4,730.50 | 34212GS    | \$8,298.00 |
|                                                                                     | 14"          | 34214S  | POA        | 34214GS    | POA        |
|                                                                                     | 16"          | 34216S  | POA        | 34216GS    | POA        |
|                                                                                     | 18"          | 34218S  | POA        | 34218GS    | POA        |
|                                                                                     | 20"          | 34221S  | POA        | 34221GS    | POA        |
|                                                                                     | 24"          | 34224S  | POA        | 34224GS    | POA        |

Adapter is segmentally welded.

Raised face flanges are standard; flat flanges are quoted on application.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G180**

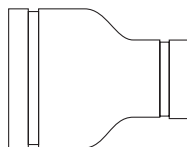
# Tyco Mechanical Products

## Section 2 – Couplings & Fittings



# Grinnell

### #397 Groove x Groove – Swaged Nipple



| <i>Nominal Size</i> | <i>Painted</i> | <i>List Price</i> |
|---------------------|----------------|-------------------|
| 2" x 1"             | 76840          | \$390.50          |
| 2" x 1 1/4"         | 76841          | \$390.50          |
| 2" x 1 1/2"         | 76842          | \$390.50          |
| 2 1/2" x 1"         | 76843          | \$839.00          |
| 2 1/2" x 1 1/4"     | 76844          | \$839.00          |
| 2 1/2" x 1 1/2"     | 76845          | \$839.00          |
| 2 1/2" x 2"         | 76846          | \$745.50          |
| 3" x 1"             | 76847          | \$935.00          |
| 3" x 1 1/4"         | 76848          | \$935.00          |
| 3" x 1 1/2"         | 76849          | \$935.00          |
| 3" x 2"             | 76850          | \$785.50          |
| 3" x 2 1/2"         | 76851          | \$785.50          |
| 3 1/2" x 3"         | 76852          | \$1,795.50        |
| 4" x 1"             | 76853          | \$1,329.00        |
| 4" x 1 1/4"         | 76854          | \$1,329.00        |
| 4" x 1 1/2"         | 76855          | \$1,019.00        |
| 4" x 2"             | 76856          | \$1,019.00        |
| 4" x 2 1/2"         | 76857          | \$1,167.50        |
| 4" x 3"             | 76858          | \$1,167.50        |
| 5" x 1 1/2"         | 3975015S       | POA               |
| 5" x 2"             | 76860          | \$1,652.50        |
| 5" x 2 1/2"         | 3975025S       | POA               |
| 5" x 3"             | 76861          | \$1,652.50        |
| 5" x 4"             | 76862          | \$1,652.50        |
| 6" x 1"             | 76863          | \$3,293.50        |
| 6" x 1 1/4"         | 76864          | \$3,293.50        |
| 6" x 1 1/2"         | 76865          | \$3,293.50        |
| 6" x 2"             | 76866          | \$2,694.00        |
| 6" x 2 1/2"         | 76867          | \$2,694.00        |
| 6" x 3"             | 76868          | \$2,694.00        |
| 6" x 4"             | 76870          | \$1,614.00        |
| 6" x 5"             | 76871          | \$1,614.00        |
| 8" x 6"             | 3978060S       | \$3,073.50        |

Nipple is segmentally welded.

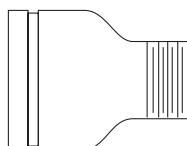
Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G180**

Introduction  
Couplings & Fittings  
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Circuit Balancing Valves  
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Copper Systems  
Stainless Steel Systems  
Plain End Systems  
Stainless Steel G-PRESS  
HDPE Systems  
Gaskets & Spare Parts  
Preparation Equipment  
Miscellaneous  
Indices



### #398 Groove x Male Thread – Swaged Nipple



| <i>Nominal Size</i> | <i>Painted</i> | <i>List Price</i> |
|---------------------|----------------|-------------------|
| 2" x 1"             | 77001          | \$390.50          |
| 2" x 1 1/4"         | 77002          | \$390.50          |
| 2" x 1 1/2"         | 77003          | \$390.50          |
| 2 1/2" x 1"         | 77004          | \$839.00          |
| 2 1/2" x 1 1/4"     | 77005          | \$839.00          |
| 2 1/2" x 1 1/2"     | 77006          | \$839.00          |
| 2 1/2" x 2"         | 77007          | \$745.50          |
| 3" x 1"             | 77008          | \$935.00          |
| 3" x 1 1/4"         | 77009          | \$935.00          |
| 3" x 1 1/2"         | 77010          | \$935.00          |
| 3" x 2"             | 77011          | \$785.50          |
| 3" x 2 1/2"         | 77012          | \$785.50          |
| 3 1/2" x 3"         | 77013          | \$1,795.50        |
| 4" x 1"             | 77014          | \$1,329.00        |
| 4" x 1 1/4"         | 77015          | \$1,329.00        |
| 4" x 1 1/2"         | 77016          | \$1,019.00        |
| 4" x 2"             | 77017          | \$1,019.00        |
| 4" x 2 1/2"         | 77018          | \$1,167.50        |
| 4" x 3"             | 77019          | \$1,167.50        |
| 5" x 1 1/2"         | 3985015S       | POA               |
| 5" x 2"             | 77021          | \$1,652.50        |
| 5" x 2 1/2"         | 3985025S       | POA               |
| 5" x 3"             | 77022          | \$1,652.50        |
| 5" x 4"             | 77023          | \$1,652.50        |
| 6" x 1"             | 77024          | \$3,293.50        |
| 6" x 1 1/4"         | 77025          | \$3,293.50        |
| 6" x 1 1/2"         | 77026          | \$3,293.50        |
| 6" x 2"             | 77027          | \$2,694.00        |
| 6" x 2 1/2"         | 77028          | \$2,694.00        |
| 6" x 3"             | 77029          | \$2,694.00        |
| 6" x 4"             | 77031          | \$1,614.00        |
| 6" x 5"             | 77032          | \$1,614.00        |
| 8" x 6"             | 3988060S       | \$3,073.50        |

Nipple is segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G180**

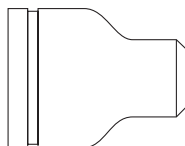
# Tyco Mechanical Products

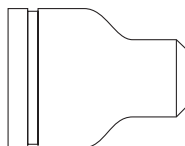
## Section 2 – Couplings & Fittings



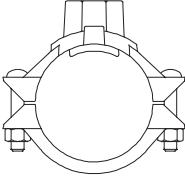
# Grinnell

### #399 Groove x Plain – Swaged Nipple



|                                                                                   | Nominal Size    | Painted  | List Price |
|-----------------------------------------------------------------------------------|-----------------|----------|------------|
|  | 2" x 1"         | 76051    | \$390.50   |
|                                                                                   | 2" x 1 1/4"     | 76052    | \$390.50   |
|                                                                                   | 2" x 1 1/2"     | 76053    | \$390.50   |
|                                                                                   | 2 1/2" x 1"     | 76054    | \$839.00   |
|                                                                                   | 2 1/2" x 1 1/4" | 76055    | \$839.00   |
|                                                                                   | 2 1/2" x 1 1/2" | 76056    | \$839.00   |
|                                                                                   | 2 1/2" x 2"     | 76057    | \$745.50   |
|                                                                                   | 3" x 1"         | 76058    | \$935.00   |
|                                                                                   | 3" x 1 1/4"     | 76059    | \$935.00   |
|                                                                                   | 3" x 1 1/2"     | 76060    | \$935.00   |
|                                                                                   | 3" x 2"         | 76061    | \$785.50   |
|                                                                                   | 3" x 2 1/2"     | 76062    | \$785.50   |
|                                                                                   | 3 1/2" x 3"     | 76063    | \$1,759.50 |
|                                                                                   | 4" x 1"         | 76064    | \$1,329.00 |
|                                                                                   | 4" x 1 1/4"     | 76065    | \$1,329.00 |
|                                                                                   | 4" x 1 1/2"     | 76066    | \$1,019.00 |
|                                                                                   | 4" x 2"         | 76067    | \$1,019.00 |
|                                                                                   | 4" x 2 1/2"     | 76068    | \$1,167.50 |
|                                                                                   | 4" x 3"         | 76069    | \$1,167.50 |
|                                                                                   | 5" x 1 1/2"     | 3995015S | POA        |
|                                                                                   | 5" x 2"         | 76071    | \$1,652.50 |
|                                                                                   | 5" x 2 1/2"     | 3995025S | POA        |
|                                                                                   | 5" x 3"         | 76072    | \$1,652.50 |
|                                                                                   | 5" x 4"         | 76073    | \$1,652.50 |
|                                                                                   | 6" x 1"         | 76074    | \$3,293.50 |
|                                                                                   | 6" x 1 1/4"     | 76075    | \$3,293.50 |
|                                                                                   | 6" x 1 1/2"     | 76076    | \$3,293.50 |
|                                                                                   | 6" x 2"         | 76077    | \$2,694.00 |
|                                                                                   | 6" x 2 1/2"     | 76078    | \$2,694.00 |
|                                                                                   | 6" x 3"         | 76079    | \$2,694.00 |
|                                                                                   | 6" x 4"         | 76081    | \$1,614.00 |
|                                                                                   | 6" x 5"         | 76082    | \$1,614.00 |
|                                                                                   | 8" x 6"         | 3998060S | \$3,073.50 |
| Nipple is segmentally welded.                                                     |                 |          |            |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.          |                 |          |            |
| Technical Data Sheet: G180                                                        |                 |          |            |

**#730 Mechanical Tee – Threaded  
with Grade “E” or Grade “T” Nitrile Gasket**

|                                                                                    | Nominal Size    | Painted        |                   |            | Galvanized     |                   |            |
|------------------------------------------------------------------------------------|-----------------|----------------|-------------------|------------|----------------|-------------------|------------|
|                                                                                    |                 | Grade “E” EPDM | Grade “T” Nitrile | List Price | Grade “E” EPDM | Grade “T” Nitrile | List Price |
|  | 2" x 1/2"       | 7302005ES      | 7302005TS         | \$83.50    | 7302005EGS     | 7302005TGS        | \$105.50   |
|                                                                                    | 2" x 3/4"       | 73020075ES     | 73020075TS        | \$83.50    | 73020075EGS    | 73020075TGS       | \$105.50   |
|                                                                                    | 2" x 1"         | 7302010ES      | 7302010TS         | \$83.50    | 7302010EGS     | 7302010TGS        | \$105.50   |
|                                                                                    | 2" x 1 1/4"     | 7302013ES      | 7302013TS         | \$96.50    | 7302013EGS     | 7302013TGS        | \$120.00   |
|                                                                                    | 2" x 1 1/2"     | 7302015ES      | 7302015TS         | \$96.50    | 7302015EGS     | 7302015TGS        | \$120.00   |
|                                                                                    | 2 1/2" x 1 1/2" | 7302505ES      | 7302505TS         | \$83.50    | 7302505EGS     | 7302505TGS        | \$105.50   |
|                                                                                    | 2 1/2" x 3/4"   | 73025075ES     | 73025075TS        | \$83.50    | 73025075EGS    | 73025075TGS       | \$105.50   |
|                                                                                    | 2 1/2" x 1"     | 7302510ES      | 7302510TS         | \$83.50    | 7302510EGS     | 7302510TGS        | \$105.50   |
|                                                                                    | 2 1/2" x 1 1/4" | 7302513ES      | 7302513TS         | \$117.50   | 7302513EGS     | 7302513TGS        | \$143.00   |
|                                                                                    | 2 1/2" x 1 1/2" | 7302515ES      | 7302515TS         | \$117.50   | 7302515EGS     | 7302515TGS        | \$143.00   |
|                                                                                    | 2 1/2" x 2"     | 7302520EP      | 7302520TP         | \$117.50   | 7302520EGP     | 7302520TGP        | \$143.00   |
|                                                                                    | 3" x 1/2"       | 7303005ES      | 7303005TS         | \$96.50    | 7303005EGS     | 7303005TGS        | \$117.50   |
|                                                                                    | 3" x 3/4"       | 73030075ES     | 73030075TS        | \$96.50    | 73030075EGS    | 73030075TGS       | \$117.50   |
|                                                                                    | 3" x 1"         | 7303010ES      | 7303010TS         | \$96.50    | 7303010EGS     | 7303010TGS        | \$117.50   |
|                                                                                    | 3" x 1 1/4"     | 7303013ES      | 7303013TS         | \$122.00   | 7303013EGS     | 7303013TGS        | \$152.50   |
|                                                                                    | 3" x 1 1/2"     | 7303015ES      | 7303015TS         | \$122.00   | 7303015EGS     | 7303015TGS        | \$152.50   |
|                                                                                    | 3" x 2"         | 7303020ES      | 7303020TS         | \$140.50   | 7303020EGS     | 7303020TGS        | \$174.00   |
|                                                                                    | 4" x 1/2"       | 7304005ES      | 7304005TS         | \$121.50   | 7304005EGS     | 7304005TGS        | \$144.50   |
|                                                                                    | 4" x 3/4"       | 73040075ES     | 73040075TS        | \$121.50   | 73040075EGS    | 73040075TGS       | \$144.50   |
|                                                                                    | 4" x 1"         | 7304010ES      | 7304010TS         | \$121.50   | 7304010EGS     | 7304010TGS        | \$144.50   |
|                                                                                    | 4" x 1 1/4"     | 7304013ES      | 7304013TS         | \$142.00   | 7304013EGS     | 7304013TGS        | \$167.50   |
|                                                                                    | 4" x 1 1/2"     | 7304015ES      | 7304015TS         | \$147.50   | 7304015EGS     | 7304015TGS        | \$185.50   |
|                                                                                    | 4" x 2"         | 7304020ES      | 7304020TS         | \$147.50   | 7304020EGS     | 7304020TGS        | \$187.50   |
|                                                                                    | 4" x 2 1/2"     | 7304025ES      | 7304025TS         | \$154.00   | 7304025EGS     | 7304025TGS        | \$199.50   |
|                                                                                    | 4" x 3"         | 7304030ES      | 7304030TS         | \$164.00   | 7304030EGS     | 7304030TGS        | \$210.50   |
|                                                                                    | 5" x 1 1/2"     | 7305015EP      | 7305015TP         | \$180.00   | 7305015EGP     | 7305015TGP        | \$228.00   |
|                                                                                    | 5" x 2"         | 7305020ES      | 7305020TS         | \$180.00   | 7305020EGS     | 7305020TGS        | \$228.00   |
|                                                                                    | 5" x 2 1/2"     | 7305025ES      | 7305025TS         | \$190.00   | 7305025EGS     | 7305025TGS        | \$242.00   |
|                                                                                    | 5" x 3"         | 7305030EP      | 7305030TP         | \$202.00   | 7305030EGP     | 7305030TGP        | \$260.00   |
|                                                                                    | 6" x 1 1/4"     | 7306013EP      | 7306013TP         | \$186.50   | 7306013EGP     | 7306013TGP        | \$238.00   |
|                                                                                    | 6" x 1 1/2"     | 7306015ES      | 7306015TS         | \$184.50   | 7306015EGS     | 7306015TGS        | \$236.00   |
|                                                                                    | 6" x 2"         | 7306020ES      | 7306020TS         | \$184.50   | 7306020EGS     | 7306020TGS        | \$236.00   |
|                                                                                    | 6" x 2 1/2"     | 7306025ES      | 7306025TS         | \$199.00   | 7306025EGS     | 7306025TGS        | \$257.00   |
|                                                                                    | 6" x 3"         | 7306030ES      | 7306030TS         | \$211.00   | 7306030EGS     | 7306030TGS        | \$271.50   |
|                                                                                    | 6" x 4"         | 7306040ES      | 7306040TS         | \$234.00   | 7306040EGS     | 7306040TGS        | \$304.50   |
|                                                                                    | 8" x 2 1/2"     | 7308025ES      | 7308025TS         | \$322.00   | 7308025EGS     | 7308025TGS        | \$403.50   |
|                                                                                    | 8" x 3"         | 7308030ES      | 7308030TS         | \$340.00   | 7308030EGS     | 7308030TGS        | \$431.00   |
|                                                                                    | 8" x 4"         | 7308040ES      | 7308040TS         | \$350.00   | 7308040EGS     | 7308040TGS        | \$451.50   |

Orders for items in shaded areas **cannot** be cancelled or returned.

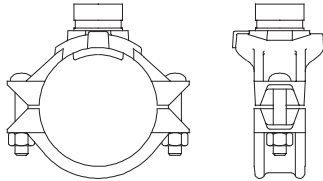
**Technical Data Sheet: G210**

# Tyco Mechanical Products

## Section 3 – Mechanical Tees



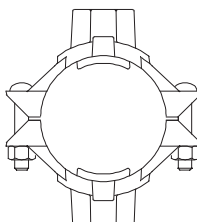
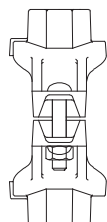
### #730 Mechanical Tee – Grooved with Grade “E” or Grade “T” Nitrile Gasket

|                                                                                   | Nominal Size    | Painted        |                   |            | Galvanized     |                   |            |
|-----------------------------------------------------------------------------------|-----------------|----------------|-------------------|------------|----------------|-------------------|------------|
|                                                                                   |                 | Grade “E” EPDM | Grade “T” Nitrile | List Price | Grade “E” EPDM | Grade “T” Nitrile | List Price |
|  | 2" x 1 1/4"     | 7302013ERS     | 7302013TRS        | \$96.50    | 7302013EGRS    | 7302013TGRS       | \$120.00   |
|                                                                                   | 2" x 1 1/2"     | 7302015ERS     | 7302015TRS        | \$96.50    | 7302015EGRS    | 7302015TGRS       | \$120.00   |
|                                                                                   | 2 1/2" x 1 1/4" | 7302513ERS     | 7302513TRS        | \$117.50   | 7302513EGRS    | 7302513TGRS       | \$143.00   |
|                                                                                   | 2 1/2" x 1 1/2" | 7302515ERS     | 7302515TRS        | \$117.50   | 7302515EGRS    | 7302515TGRS       | \$143.00   |
|                                                                                   | 2 1/2" x 2"     | 7302520ERP     | 7302520TRP        | POA        | 7302520EGRP    | 7302520TGRP       | POA        |
|                                                                                   | 3" x 1 1/4"     | 7303013ERS     | 7303013TRS        | \$122.00   | 7303013EGRS    | 7303013TGRS       | \$152.50   |
|                                                                                   | 3" x 1 1/2"     | 7303015ERS     | 7303015TRS        | \$122.00   | 7303015EGRS    | 7303015TGRS       | \$152.50   |
|                                                                                   | 3" x 2"         | 7303020ERS     | 7303020TRS        | \$140.50   | 7303020EGRS    | 7303020TGRS       | \$174.00   |
|                                                                                   | 4" x 1 1/4"     | 7304013ERS     | 7304013TRS        | \$142.00   | 7304013EGRS    | 7304013TGRS       | \$167.50   |
|                                                                                   | 4" x 1 1/2"     | 7304015ERS     | 7304015TRS        | \$147.00   | 7304015EGRS    | 7304015TGRS       | \$185.50   |
|                                                                                   | 4" x 2"         | 7304020ERS     | 7304020TRS        | \$147.50   | 7304020EGRS    | 7304020TGRS       | \$187.50   |
|                                                                                   | 4" x 2 1/2"     | 7304025ERS     | 7304025TRS        | \$154.00   | 7304025EGRS    | 7304025TGRS       | \$199.50   |
|                                                                                   | 4" x 3"         | 7304030ERS     | 7304030TRS        | \$164.00   | 7304030EGRS    | 7304030TGRS       | \$210.50   |
|                                                                                   | 5" x 1 1/2"     | 7305015ERP     | 7305015TRP        | \$180.00   | 7305015EGRP    | 7305015TGRP       | \$228.00   |
|                                                                                   | 5" x 2"         | 7305020ERS     | 7305020TRS        | \$180.00   | 7305020EGRS    | 7305020TGRS       | \$228.00   |
|                                                                                   | 5" x 2 1/2"     | 7305025ERS     | 7305025TRS        | \$190.00   | 7305025EGRS    | 7305025TGRS       | \$242.00   |
|                                                                                   | 5" x 3"         | 7305030ERP     | 7305030TRP        | \$202.00   | 7305030EGRP    | 7305030TGRP       | \$260.00   |
|                                                                                   | 6" x 1 1/4"     | 7306013ERP     | 7306013TRP        | \$184.50   | 7306013EGRP    | 7306013TGRP       | \$236.00   |
|                                                                                   | 6" x 1 1/2"     | 7306015ERS     | 7306015TRS        | \$184.50   | 7306015EGRS    | 7306015TGRS       | \$236.00   |
|                                                                                   | 6" x 2"         | 7306020ERS     | 7306020TRS        | \$184.50   | 7306020EGRS    | 7306020TGRS       | \$236.00   |
|                                                                                   | 6" x 2 1/2"     | 7306025ERS     | 7306025TRS        | \$202.00   | 7306025EGRS    | 7306025TGRS       | \$257.00   |
|                                                                                   | 6" x 3"         | 7306030ERS     | 7306030TRS        | \$211.00   | 7306030EGRS    | 7306030TGRS       | \$271.50   |
|                                                                                   | 6" x 4"         | 7306040ERS     | 7306040TRS        | \$234.00   | 7306040EGRS    | 7306040TGRS       | \$304.50   |
|                                                                                   | 8" x 2 1/2"     | 7308025ERS     | 7308025TRS        | \$322.00   | 7308025EGRS    | 7308025TGRS       | \$406.00   |
|                                                                                   | 8" x 3"         | 7308030ERS     | 7308030TRS        | \$340.00   | 7308030EGRS    | 7308030TGRS       | \$431.00   |
|                                                                                   | 8" x 4"         | 7308040ERS     | 7308040TRS        | \$350.00   | 7308040EGRS    | 7308040TGRS       | \$451.50   |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G210**

**#730 Mechanical Cross – Threaded  
with Grade “E” or Grade “T” Nitrile Gasket**

|                                                                                                                                                                     | Nominal<br>Size | Painted           |                      |               | Galvanized        |                      |               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------|----------------------|---------------|-------------------|----------------------|---------------|
|                                                                                                                                                                     |                 | Grade<br>“E” EPDM | Grade<br>“T” Nitrile | List<br>Price | Grade<br>“E” EPDM | Grade<br>“T” Nitrile | List<br>Price |
|   | 2" x 1"         | 7302010ECS        | 7302010TCS           | \$133.00      | 7302010EGCS       | 7302010TGCS          | \$170.00      |
|                                                                                                                                                                     | 2" x 1 1/4"     | 7302013ECS        | 7302013TCS           | \$150.50      | 7302013EGCS       | 7302013TGCS          | \$193.00      |
|                                                                                                                                                                     | 2" x 1 1/2"     | 7302015ECS        | 7302015TCS           | \$150.50      | 7302015EGCS       | 7302015TGCS          | \$193.00      |
|                                                                                                                                                                     | 2 1/2" x 1"     | 7302510ECS        | 7302510TCS           | \$132.00      | 7302510EGCS       | 7302510TGCS          | \$168.50      |
|                                                                                                                                                                     | 2 1/2" x 1 1/4" | 7302513ECS        | 7302513TCS           | \$180.00      | 7302513EGCS       | 7302513TGCS          | \$233.50      |
|                                                                                                                                                                     | 2 1/2" x 1 1/2" | 7302515ECS        | 7302515TCS           | \$180.50      | 7302515EGCS       | 7302515TGCS          | \$233.50      |
|                                                                                                                                                                     | 3" x 1"         | 7303010ECS        | 7303010TCS           | \$147.50      | 7303010EGCS       | 7303010TGCS          | \$190.00      |
|                                                                                                                                                                     | 3" x 1 1/4"     | 7303013ECS        | 7303013TCS           | \$180.00      | 7303013EGCS       | 7303013TGCS          | \$225.50      |
|                                                                                                                                                                     | 3" x 1 1/2"     | 7303015ECS        | 7303015TCS           | \$180.50      | 7303015EGCS       | 7303015TGCS          | \$225.50      |
|                                                                                                                                                                     | 3" x 2"         | 7303020ECS        | 7303020TCS           | \$208.50      | 7303020EGCS       | 7303020TGCS          | \$258.50      |
|                                                                                                                                                                     | 4" x 3/4"       | 7304075ECS        | 7304075TCS           | \$180.50      | 7304075EGCS       | 7304075TGCS          | \$234.50      |
|                                                                                                                                                                     | 4" x 1"         | 7304010ECS        | 7304010TCS           | \$180.50      | 7304010EGCS       | 7304010TGCS          | \$234.50      |
|                                                                                                                                                                     | 4" x 1 1/4"     | 7304013ECS        | 7304013TCS           | \$219.00      | 7304013EGCS       | 7304013TGCS          | \$275.00      |
|                                                                                                                                                                     | 4" x 1 1/2"     | 7304015ECS        | 7304015TCS           | \$219.00      | 7304015EGCS       | 7304015TGCS          | \$275.00      |
|                                                                                                                                                                     | 4" x 2"         | 7304020ECS        | 7304020TCS           | \$234.50      | 7304020EGCS       | 7304020TGCS          | \$276.50      |
|                                                                                                                                                                     | 4" x 2 1/2"     | 7304025ECS        | 7304025TCS           | \$234.50      | 7304025EGCS       | 7304025TGCS          | \$298.00      |
|                                                                                                                                                                     | 4" x 3"         | 7304030ECS        | 7304030TCS           | \$244.00      | 7304030EGCS       | 7304030TGCS          | \$316.00      |
|                                                                                                                                                                     | 5" x 2"         | 7305020ECS        | 7305020TCS           | \$268.00      | 7305020EGCS       | 7305020TGCS          | \$340.00      |
|                                                                                                                                                                     | 5" x 2 1/2"     | 7305025ECS        | 7305025TCS           | \$282.00      | 7305025EGCS       | 7305025TGCS          | \$359.50      |
|                                                                                                                                                                     | 5" x 3"         | 7305030ECP        | 7305030TCP           | \$302.00      | 7305030EGCP       | 7305030TGCP          | \$387.50      |
|                                                                                                                                                                     | 6" x 1 1/2"     | 7306015ECS        | 7306015TCS           | \$274.50      | 7306015EGCS       | 7306015TGCS          | \$353.00      |
|                                                                                                                                                                     | 6" x 2"         | 7306020ECS        | 7306020TCS           | \$286.00      | 7306020EGCS       | 7306020TGCS          | \$381.00      |
|                                                                                                                                                                     | 6" x 2 1/2"     | 7306025ECS        | 7306025TCS           | \$294.50      | 7306025EGCS       | 7306025TGCS          | \$381.00      |
|                                                                                                                                                                     | 6" x 3"         | 7306030ECS        | 7306030TCS           | \$315.00      | 7306030EGCS       | 7306030TGCS          | \$403.50      |
|                                                                                                                                                                     | 6" x 4"         | 7306040ECS        | 7306040TCS           | \$348.00      | 7306040EGCS       | 7306040TGCS          | \$451.50      |
|                                                                                                                                                                     | 8" x 2 1/2"     | 7308025ECS        | 7308025TCS           | \$481.50      | 7308025EGCS       | 7308025TGCS          | \$607.50      |
|                                                                                                                                                                     | 8" x 3"         | 7308030ECS        | 7308030TCS           | \$506.50      | 7308030EGCS       | 7308030TGCS          | \$644.00      |
|                                                                                                                                                                     | 8" x 4"         | 7308040ECS        | 7308040TCS           | \$524.00      | 7308040EGCS       | 7308040TGCS          | \$677.00      |

Orders for items in shaded areas **cannot** be cancelled or returned.

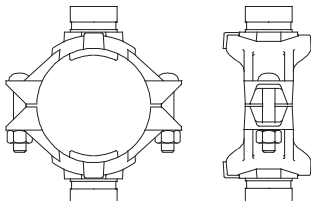
**Technical Data Sheet: G210**

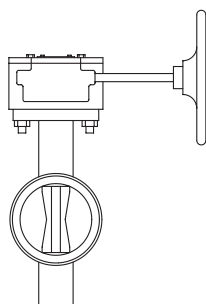
# Tyco Mechanical Products

## Section 3 – Mechanical Tees



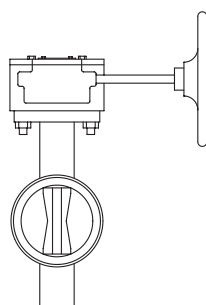
### #730 Mechanical Cross – Grooved with Grade “E” or Grade “T” Nitrile Gasket

|                                                                                   | Nominal Size    | Painted        |                   |            | Galvanized     |                   |            |
|-----------------------------------------------------------------------------------|-----------------|----------------|-------------------|------------|----------------|-------------------|------------|
|                                                                                   |                 | Grade “E” EPDM | Grade “T” Nitrile | List Price | Grade “E” EPDM | Grade “T” Nitrile | List Price |
|  | 2" x 1 1/4"     | 7302013ERCS    | 7302013TRCS       | \$150.50   | 7302013EGRCS   | 7302013TGRCS      | \$195.00   |
|                                                                                   | 2" x 1 1/2"     | 7302015ERCS    | 7302015TRCS       | \$150.50   | 7302015EGRCS   | 7302015TGRCS      | \$195.00   |
|                                                                                   | 2 1/2" x 1 1/4" | 7302513ERCS    | 7302513TRCS       | \$180.50   | 7302513EGRCS   | 7302513TGRCS      | \$233.50   |
|                                                                                   | 2 1/2" x 1 1/2" | 7302515ERCS    | 7302515TRCS       | \$180.50   | 7302515EGRCS   | 7302515TGRCS      | \$233.50   |
|                                                                                   | 3" x 1 1/4"     | 7303013ERCS    | 7303013TRCS       | \$180.50   | 7303013EGRCS   | 7303013TGRCS      | \$227.50   |
|                                                                                   | 3" x 1 1/2"     | 7303015ERCS    | 7303015TRCS       | \$180.50   | 7303015EGRCS   | 7303015TGRCS      | \$225.50   |
|                                                                                   | 3" x 2"         | 7303020ERCS    | 7303020TRCS       | \$208.50   | 7303020EGRCS   | 7303020TGRCS      | \$258.50   |
|                                                                                   | 4" x 1 1/4"     | 7304013ERCS    | 7304013TRCS       | \$210.50   | 7304013EGRCS   | 7304013TGRCS      | \$278.00   |
|                                                                                   | 4" x 1 1/2"     | 7304015ERCS    | 7304015TRCS       | \$219.00   | 7304015EGRCS   | 7304015TGRCS      | \$275.00   |
|                                                                                   | 4" x 2"         | 7304020ERCS    | 7304020TRCS       | \$234.50   | 7304020EGRCS   | 7304020TGRCS      | \$276.50   |
|                                                                                   | 4" x 2 1/2"     | 7304025ERCS    | 7304025TRCS       | \$234.50   | 7304025EGRCS   | 7304025TGRCS      | \$298.00   |
|                                                                                   | 4" x 3"         | 7304030ERCS    | 7304030TRCS       | \$244.00   | 7304030EGRCS   | 7304030TGRCS      | \$316.00   |
|                                                                                   | 5" x 2"         | 7305020ERCS    | 7305020TRCS       | \$268.00   | 7305020EGRCS   | 7305020TGRCS      | \$343.50   |
|                                                                                   | 5" x 2 1/2"     | 7305025ERCS    | 7305025TRCS       | \$282.00   | 7305025EGRCS   | 7305025TGRCS      | \$363.50   |
|                                                                                   | 5" x 3"         | 7305030ERCS    | 7305030TRCS       | \$302.00   | 7305030EGRCS   | 7305030TGRCS      | \$391.50   |
|                                                                                   | 6" x 1 1/2"     | 7306015ERCS    | 7306015TRCS       | \$277.00   | 7306015EGRCS   | 7306015TGRCS      | \$356.50   |
|                                                                                   | 6" x 2"         | 7306020ERCS    | 7306020TRCS       | \$289.00   | 7306020EGRCS   | 7306020TGRCS      | \$385.00   |
|                                                                                   | 6" x 2 1/2"     | 7306025ERCS    | 7306025TRCS       | \$294.50   | 7306025EGRCS   | 7306025TGRCS      | \$381.00   |
|                                                                                   | 6" x 3"         | 7306030ERCS    | 7306030TRCS       | \$315.00   | 7306030EGRCS   | 7306030TGRCS      | \$403.50   |
|                                                                                   | 6" x 4"         | 7306040ERCS    | 7306040TRCS       | \$348.00   | 7306040EGRCS   | 7306040TGRCS      | \$451.50   |
|                                                                                   | 8" x 2 1/2"     | 7308025ERCS    | 7308025TRCS       | \$481.50   | 7308025EGRCS   | 7308025TGRCS      | \$613.50   |
|                                                                                   | 8" x 3"         | 7308030ERCS    | 7308030TRCS       | \$506.50   | 7308030EGRCS   | 7308030TGRCS      | \$650.50   |
|                                                                                   | 8" x 4"         | 7308040ERCS    | 7308040TRCS       | \$524.00   | 7308040EGRCS   | 7308040TGRCS      | \$677.00   |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.          |                 |                |                   |            |                |                   |            |
| Technical Data Sheet: G210                                                        |                 |                |                   |            |                |                   |            |

**#B302 Grooved End Butterfly Valve – EPDM or Nitrile**


Available with gear operator (shown)  
or lever lock operator.  
Specify choice when ordering.

| Size | Lever Lock Operator Part # |                        | List Price | Gear Operator Part #   |                           | List Price |
|------|----------------------------|------------------------|------------|------------------------|---------------------------|------------|
|      | EPDM,<br>with Lever        | Nitrile,<br>with Lever |            | EPDM,<br>with Gear Op. | Nitrile,<br>with Gear Op. |            |
| 2"   | B30220EL                   | B30220TL               | \$734.00   | B30220EG               | B30220TG                  | \$1,340.50 |
| 2½"  | B30225EL                   | B30225TL               | \$904.00   | B30225EG               | B30225TG                  | \$1,509.00 |
| 3"   | B30230EL                   | B30230TL               | \$943.00   | B30230EG               | B30230TG                  | \$1,548.50 |
| 4"   | B30240EL                   | B30240TL               | \$1,126.00 | B30240EG               | B30240TG                  | \$1,732.50 |
| 5"   | B30250EL                   | B30250TL               | \$2,006.00 | B30250EG               | B30250TG                  | \$2,611.50 |
| 6"   | B30260EL                   | B30260TL               | \$2,118.50 | B30260EG               | B30260TG                  | \$2,698.50 |
| 8"   | B30280EL                   | B30280TL               | \$2,754.50 | B30280EG               | B30280TG                  | \$3,335.00 |
| 10"  | –                          | –                      | –          | B30210EG               | B30210TG                  | \$4,422.00 |
| 12"  | –                          | –                      | –          | B30212EG               | B30212TG                  | \$4,902.50 |

**Technical Data Sheet: G310**
**#B302 Grooved End Butterfly Valve – Fluoroelastomer**


Available with gear operator (shown)  
or lever lock operator.  
Specify choice when ordering.

| Size | Lever Lock Operator |            | Gear Operator |            |
|------|---------------------|------------|---------------|------------|
|      | Part #              | List Price | Part #        | List Price |
| 2"   | B30220LO            | \$1,048.00 | B30220GO      | \$1,417.50 |
| 2½"  | B30225LO            | \$1,214.50 | B30225GO      | \$1,580.50 |
| 3"   | B30230LO            | \$1,347.50 | B30230GO      | \$1,651.50 |
| 4"   | B30240LO            | \$1,503.50 | B30240GO      | \$1,870.00 |
| 5"   | B30250LO            | \$2,883.00 | B30250GO      | \$2,788.50 |
| 6"   | B30260LO            | \$2,953.50 | B30260GO      | \$3,420.50 |
| 8"   | B30280LO            | \$3,795.00 | B30280GO      | \$4,529.00 |
| 10"  | –                   | –          | B30210GO      | \$5,893.00 |
| 12"  | –                   | –          | B30212GO      | \$6,577.00 |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G310**

# Tyco Mechanical Products

## Section 4 – Valves



### #B302 Grooved Butterfly Valve – Accessories

| Size | Description                                | Part Number | List Price |
|------|--------------------------------------------|-------------|------------|
| 2"   | Mechanical BFV Gear Operator 2" & Bushing  | GOH30220    | \$1,056.50 |
| 2½"  | Mechanical BFV Gear Operator 2½" & Bushing | GOH30225    | \$1,056.50 |
| 3"   | Mechanical BFV Gear Operator 3" & Bushing  | GOH30230    | \$1,056.50 |
| 4"   | Mechanical BFV Gear Operator 4" & Bushing  | GOH30240    | \$1,056.50 |
| 5"   | Mechanical BFV Gear Operator 5" & Bushing  | GOH30250    | \$1,056.50 |
| 6"   | Mechanical BFV Gear Operator 6" & Bushing  | GOH30260    | \$1,056.50 |
| 8"   | Mechanical BFV Gear Operator 8" & Bushing  | GOH30280    | \$1,056.50 |
| 10"  | Mechanical BFV Gear Operator 10"           | GOH30210    | \$1,083.00 |
| 12"  | Mechanical BFV Gear Operator 12"           | GOH30212    | \$1,083.00 |
| 2"   | Mechanical BFV Lever Handle 2" & PLT       | LH30220     | \$244.50   |
| 2½"  | Mechanical BFV Lever Handle 2½" & PLT      | LH30225     | \$244.50   |
| 3"   | Mechanical BFV Lever Handle 3" & PLT       | LH30230     | \$244.50   |
| 4"   | Mechanical BFV Lever Handle 4" & PLT       | LH30240     | \$277.50   |
| 5"   | Mechanical BFV Lever Handle 5" & PLT       | LH30250     | \$277.50   |
| 6"   | Mechanical BFV Lever Handle 6" & PLT       | LH30260     | \$277.50   |
| 8"   | Mechanical BFV Lever Handle 8" & PLT       | LH30280     | \$277.50   |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G310**

### #BN302 Grooved Butterfly Valve – EPDM NSF Approved

| Size | Lever Handle |            | Gear Operator |            |
|------|--------------|------------|---------------|------------|
|      | Part #       | List Price | Part #        | List Price |
| 2"   | BN30220EL    | \$734.00   | BN30220EG     | \$1,340.50 |
| 2½"  | BN30225EL    | \$904.00   | BN30225EG     | \$1,509.00 |
| 3"   | BN30230EL    | \$943.00   | BN30230EG     | \$1,548.50 |
| 4"   | BN30240EL    | \$1,126.00 | BN30240EG     | \$1,732.50 |
| 5"   | BN30250EL    | \$2,006.00 | BN30250EG     | \$2,611.50 |
| 6"   | BN30260EL    | \$2,118.50 | BN30260EG     | \$2,698.50 |
| 8"   | BN30280EL    | \$2,754.50 | BN30280EG     | \$3,335.00 |
| 10"  | –            | –          | BN30210EG     | \$4,422.00 |
| 12"  | –            | –          | BN30212EG     | \$4,902.50 |

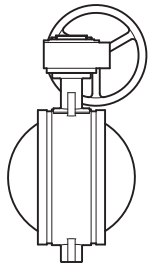
Available with Gear Operator and Handwheel  
(as pictured) or Lever Lock Handle.  
Specify choice when ordering.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G310**



### Model B333 Grooved Butterfly Valve, EPDM or Nitrile, Gear Operator

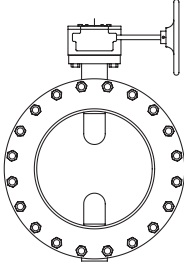
|  | Size | Part Number |          | List Price  |
|-----------------------------------------------------------------------------------|------|-------------|----------|-------------|
|                                                                                   |      | EPDM        | Nitrile  |             |
|                                                                                   | 14"  | B33314EG    | B33314TG | \$6,562.50  |
|                                                                                   | 16"  | B33316EG    | B33316TG | \$8,977.50  |
|                                                                                   | 18"  | B33318EG    | B33318TG | \$11,049.00 |
|                                                                                   | 20"  | B33320EG    | B33320TG | \$14,951.00 |
|                                                                                   | 24"  | B33324EG    | B33324TG | \$19,039.00 |

Contact Tyco representative for availability

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G325**

### #B308 Grooved Butterfly Valve, EPDM or Nitrile – D.I. Nickel Plated, Gear Operator

|  | Size | Part Number |           | List Price  |
|------------------------------------------------------------------------------------|------|-------------|-----------|-------------|
|                                                                                    |      | EPDM        | Nitrile   |             |
|                                                                                    | 14"  | B30814ENG   | B30814TNG | \$6,562.50  |
|                                                                                    | 16"  | B30816ENG   | B30816TNG | \$8,977.50  |
|                                                                                    | 18"  | B30818ENG   | B30818TNG | \$11,049.00 |
|                                                                                    | 20"  | B30820ENG   | B30820TNG | \$14,951.00 |
|                                                                                    | 24"  | B30824ENG   | B30824TNG | \$19,039.00 |

Contact Tyco representative for other component material options.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G320**

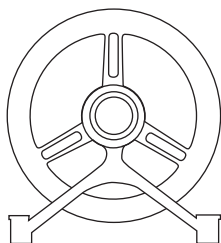
# Tyco Mechanical Products

## Section 4 – Valves



# Grinnell

### Babbitt Valve Chainwheels



#### Cast Iron Standard Chainwheel

| Item No. | Hand Wheel Size                                                      | Part Number | List Price |
|----------|----------------------------------------------------------------------|-------------|------------|
| 0        | 2" to 4"                                                             | 5036        | \$243.00   |
| 1        | 4 <sup>1</sup> / <sub>4</sub> " to 5 <sup>3</sup> / <sub>4</sub> "   | 5037        | \$352.50   |
| 1.5      | 6" to 7 <sup>1</sup> / <sub>2</sub> "                                | 5031        | \$427.50   |
| 2        | 7 <sup>3</sup> / <sub>4</sub> " to 9"                                | 5038        | \$564.50   |
| 2.5      | 9 <sup>1</sup> / <sub>4</sub> " to 12 <sup>1</sup> / <sub>2</sub> "  | 5039        | \$810.00   |
| 3        | 12 <sup>3</sup> / <sub>4</sub> " to 15 <sup>1</sup> / <sub>2</sub> " | 5040        | \$941.00   |
| 3.5      | 15 <sup>3</sup> / <sub>4</sub> " to 19"                              | 5041A       | \$1,424.50 |

#### Epoxy Coated Corrosion Resistant Chainwheel

|     |                                                                      |      |            |
|-----|----------------------------------------------------------------------|------|------------|
| 0   | 2" to 4"                                                             | 5025 | \$526.50   |
| 1   | 4 <sup>1</sup> / <sub>4</sub> " to 5 <sup>3</sup> / <sub>4</sub> "   | 5026 | \$846.00   |
| 1.5 | 6" to 7 <sup>1</sup> / <sub>2</sub> "                                | 5027 | \$1,081.00 |
| 2   | 7 <sup>3</sup> / <sub>4</sub> " to 9"                                | 5028 | \$1,327.00 |
| 2.5 | 9 <sup>1</sup> / <sub>4</sub> " to 12 <sup>1</sup> / <sub>2</sub> "  | 5033 | \$1,717.50 |
| 3   | 12 <sup>3</sup> / <sub>4</sub> " to 15 <sup>1</sup> / <sub>2</sub> " | 5034 | \$2,117.50 |
| 3.5 | 15 <sup>3</sup> / <sub>4</sub> " to 19"                              | 5035 | \$2,612.50 |

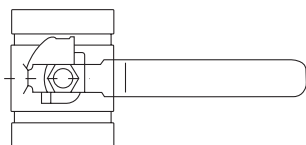
#### Hot Dipped Galvanized Standard Chain

| Item No.   | Part Number | List Price Per Foot |
|------------|-------------|---------------------|
| 0          | 5029        | \$8.00              |
| 1 to 2     | 5030        | \$10.50             |
| 2.5 to 3.5 | 5032        | \$14.50             |

Orders for items in shaded areas **cannot** be cancelled or returned.



### #B8101 Low Profile Butterfly Valve with Lever Handle

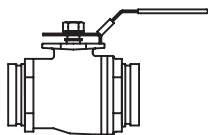


| <i>Size</i> | <i>Part Number</i> | <i>List Price</i> |
|-------------|--------------------|-------------------|
| 2"          | B810120E           | \$643.50          |
| 2½"         | B810125E           | \$818.00          |
| 3"          | B810130E           | \$924.00          |
| 4"          | B810140E           | \$1,015.50        |
| 5"          | B810150E           | \$1,935.00        |
| 6"          | B810160E           | \$2,048.00        |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G330**

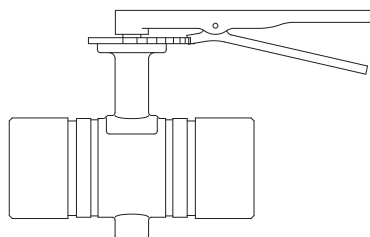
### BV835 Grooved Ball Valve



| <i>Size</i> | <i>Lever Handle</i> |                   | <i>Gear Operator</i> |                   |
|-------------|---------------------|-------------------|----------------------|-------------------|
|             | <i>Part Number</i>  | <i>List Price</i> | <i>Part Number</i>   | <i>List Price</i> |
| 1½"         | BV83515             | \$359.00          | BV83515G             | \$953.00          |
| 2"          | BV83520             | \$398.50          | BV83520G             | \$1,336.00        |
| 2½"         | BV83525             | \$867.50          | BV83525G             | \$1,753.50        |
| 3"          | BV83530             | \$1,401.00        | BV83530G             | \$2,483.50        |
| 4"          | BV83540M            | \$2,167.00        | BV83540G             | \$3,163.50        |
| 6"          | BV83560             | \$6,647.50        | BV83560G             | \$7,461.50        |

**Technical Data Sheet: G380**

### #B8200L Grooved Butterfly Valve – EPDM (For Use In PVC Piping Systems)



| <i>Nominal Size</i> | <i>Part Number</i> | <i>List Price</i> |
|---------------------|--------------------|-------------------|
| 2"                  | B820020            | \$397.50          |
| 3"                  | B820030            | \$520.00          |
| 4"                  | B820040            | \$669.00          |
| 6"                  | B820060            | \$1,116.00        |
| 8"                  | B820080            | \$1,333.50        |

Orders for items in shaded areas **cannot** be cancelled or returned.

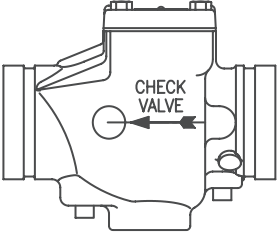
**Technical Data Sheet: G592**

# Tyco Mechanical Products

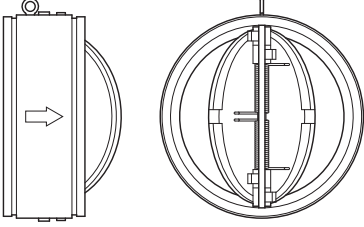
## Section 4 – Valves



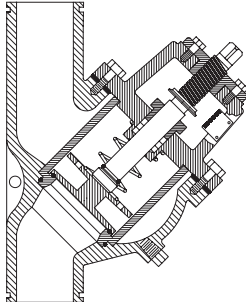
### #590 Grooved Check Valve, EPDM or Nitrile

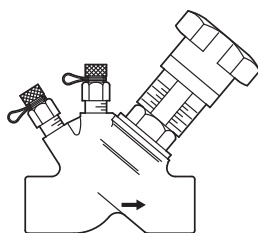
|  | Size | EPDM Part Number |            | Nitrile Part Number |             | List Price |
|-----------------------------------------------------------------------------------|------|------------------|------------|---------------------|-------------|------------|
|                                                                                   |      | Domestic         | Import     | Domestic            | Import      |            |
|                                                                                   | 2"   | 59030020         | 59030020P  | 59030020T           | 59030020TP  | \$656.50   |
|                                                                                   | 2½"  | 59030025         | 59030025P  | –                   | 59030025TP  | \$684.50   |
|                                                                                   | 3"   | 59030030         | 59030030P  | –                   | 59030030TP  | \$808.00   |
|                                                                                   | 4"   | 59030040         | 59030040P  | 59030040T           | 59030040TP  | \$853.50   |
|                                                                                   | 5"   | 59030050         | 59030050P  | –                   | 59030050TP  | \$1,418.00 |
|                                                                                   | 6"   | 59030060         | 59030060P  | 59030060T           | 59030060TP  | \$1,681.00 |
|                                                                                   | 8"   | 59030080         | 59030080P  | 59030080T           | 59030080TP  | \$2,296.00 |
|                                                                                   | 10"  | 590300100        | 590300100P | –                   | 590300100TP | \$6,144.00 |
|                                                                                   | 12"  | –                | 590300120P | –                   | 590300120TP | \$7,280.00 |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.          |      |                  |            |                     |             |            |
| Technical Data Sheet: G350                                                        |      |                  |            |                     |             |            |

### #CV890 Grooved Dual Disk Check Valve, EPDM or Nitrile

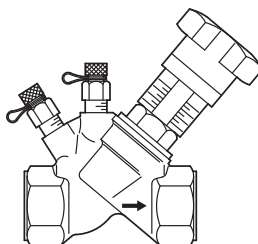
|  | Size | Part Number |          | List Price  |
|------------------------------------------------------------------------------------|------|-------------|----------|-------------|
|                                                                                    |      | EPDM        | Nitrile  |             |
|                                                                                    | 14"  | CV89014E    | CV89014T | \$6,561.00  |
|                                                                                    | 16"  | CV89016E    | CV89016T | \$8,942.50  |
|                                                                                    | 18"  | CV89018E    | CV89018T | \$11,804.50 |
|                                                                                    | 20"  | CV89020E    | CV89020T | \$15,517.00 |
|                                                                                    | 24"  | CV89024E    | CV89024T | \$19,564.00 |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.           |      |             |          |             |
| Technical Data Sheet: G354                                                         |      |             |          |             |

### #TD830, Triple Duty Valve, Flow Control Type

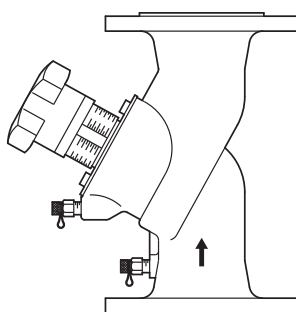
|  | Size | Part Number | List Price  |
|-------------------------------------------------------------------------------------|------|-------------|-------------|
|                                                                                     | 2"   | TD83020     | \$3,740.00  |
|                                                                                     | 2½"  | TD83025     | \$3,789.00  |
|                                                                                     | 3"   | TD83030     | \$4,122.00  |
|                                                                                     | 4"   | TD83040     | \$5,651.50  |
|                                                                                     | 5"   | TD83050     | \$6,184.00  |
|                                                                                     | 6"   | TD83060     | \$9,255.00  |
|                                                                                     | 8"   | TD83080     | \$13,741.00 |
|                                                                                     | 10"  | TD83010     | \$22,946.50 |
|                                                                                     | 12"  | TD83012     | \$32,465.50 |
|                                                                                     | 14"  | TD83014     | \$50,106.00 |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.            |      |             |             |
| Technical Data Sheet: G390                                                          |      |             |             |

**#CB800 Solder x Solder – Circuit Balancing Valve**


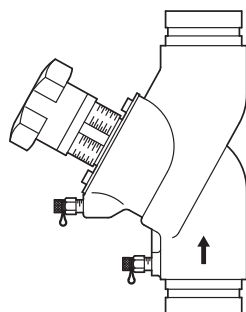
| <i>Size</i> | <i>Part #</i> | <i>List Price</i> |
|-------------|---------------|-------------------|
| 1/2"        | CB8000501     | \$96.00           |
| 3/4"        | CB8000751     | \$101.00          |
| 1"          | CB8001001     | \$135.00          |
| 1 1/4"      | CB8001251     | \$207.00          |
| 1 1/2"      | CB8001501     | \$239.00          |
| 2"          | CB8002001     | \$359.00          |

**Technical Data Sheet: G450**
**#CB800 Thread x Thread – Circuit Balancing Valve**


| <i>Size</i> | <i>Part #</i> | <i>List Price</i> |
|-------------|---------------|-------------------|
| 1/2"        | CB8005002     | \$94.00           |
| 3/4"        | CB8000752     | \$102.00          |
| 1"          | CB8001002     | \$137.00          |
| 1 1/4"      | CB8001252     | \$210.00          |
| 1 1/2"      | CB8001502     | \$242.00          |
| 2"          | CB8002002     | \$362.00          |

**Technical Data Sheet: G450**
**#CB800 Flange x Flange – Circuit Balancing Valve**


| <i>Size</i> | <i>Part Number</i> | <i>List Price</i> |
|-------------|--------------------|-------------------|
| 2 1/2"      | CB8002503          | \$897.50          |
| 3"          | CB8003003          | \$1,371.00        |
| 4"          | CB8004003          | \$1,889.00        |
| 5"          | CB8005003          | \$3,380.00        |
| 6"          | CB8006003          | \$4,320.50        |
| 8"          | CB8008003          | \$9,336.00        |
| 10"         | CB8001103          | \$12,126.00       |
| 12"         | CB8001203          | \$25,388.00       |

**Technical Data Sheet: G450**
**#CB800 Groove x Groove – Circuit Balancing Valve**


| <i>Size</i> | <i>Part Number</i> | <i>List Price</i> |
|-------------|--------------------|-------------------|
| 2 1/2"      | CB8002504          | \$776.00          |
| 3"          | CB8003004          | \$1,206.50        |
| 4"          | CB8004004          | \$1,667.50        |
| 5"          | CB8005004          | \$3,017.50        |
| 6"          | CB8006004          | \$4,042.00        |
| 8"          | CB8008004          | \$8,610.50        |
| 10"         | CB8001104          | \$11,297.50       |
| 12"         | CB8001204          | \$24,549.50       |

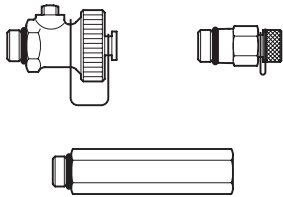
**Technical Data Sheet: G450**

# Tyco Mechanical Products

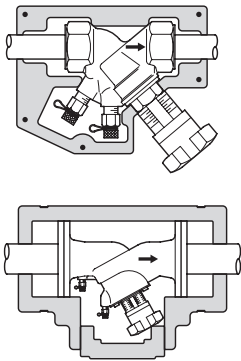
## Section 5 – Circuit Balancing Valves



### #CB800 Circuit Balancing Valves – Accessories

|  | Description                                                  | Part Number     | List Price |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------|------------|
|                                                                                   | Fill & Drain Ball Valve 1/4"                                 | <b>CBBV025</b>  | \$68.50    |
|                                                                                   | Set of Two Pressure Test Points                              | <b>CBTP02</b>   | \$113.50   |
|                                                                                   | Set of One Pressure Test Point & One Fill & Drain Ball Valve | <b>CBTK02</b>   | \$125.00   |
|                                                                                   | Stem Extension 3/8" – 6", 1.38"                              | <b>CBSE7560</b> | \$62.00    |
|                                                                                   | Hose BIB Kit                                                 | <b>1659300</b>  | \$43.50    |
|                                                                                   | CBV Needles                                                  | <b>CBSR100</b>  | \$339.50   |
|                                                                                   | Test Point Ext 80mm                                          | <b>CBTPX80</b>  | \$65.00    |
|                                                                                   | Measuring Adapter                                            | <b>CBMA01</b>   | \$33.50    |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.          |                                                              |                 |            |
| Technical Data Sheet: G450                                                        |                                                              |                 |            |

### Insulation Kits for #CB800 Circuit Balancing Valves

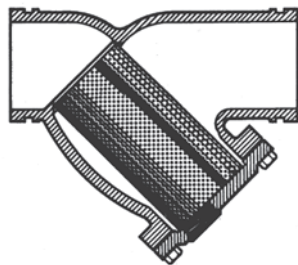
|  | Size   | Part Number    | List Price |
|------------------------------------------------------------------------------------|--------|----------------|------------|
|                                                                                    | 1/2"   | <b>CBIS050</b> | \$28.00    |
|                                                                                    | 3/4"   | <b>CBIS075</b> | \$28.00    |
|                                                                                    | 1"     | <b>CBIS010</b> | \$30.50    |
|                                                                                    | 1 1/4" | <b>CBIS125</b> | \$34.00    |
|                                                                                    | 1 1/2" | <b>CBIS150</b> | \$37.50    |
|                                                                                    | 2"     | <b>CBIS200</b> | \$45.50    |
|                                                                                    | 2 1/2" | <b>CBIS250</b> | \$505.50   |
|                                                                                    | 3"     | <b>CBIS300</b> | \$562.00   |
|                                                                                    | 4"     | <b>CBIS400</b> | \$624.50   |
|                                                                                    | 5"     | <b>CBIS500</b> | \$697.50   |
|                                                                                    | 6"     | <b>CBIS600</b> | \$861.00   |
| Technical Data Sheet: G450                                                         |        |                |            |

### Differential Measuring Computer

|  | Description                                                              | Part #  | List Price |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------|---------|------------|
|                                                                                     | Differential Measuring Computer                                          | CBMDMC2 | \$8,102.50 |
|                                                                                     | Orders for items in shaded areas <b>cannot</b> be cancelled or returned. |         |            |

Technical Data Sheet: G450

### #S853 Grooved Wye Strainer



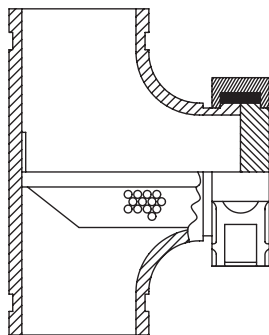
| Size | Painted     |             | Galvanized  |             |
|------|-------------|-------------|-------------|-------------|
|      | Part Number | List Price  | Part Number | List Price  |
| 2"   | S85320      | \$1,629.00  | S85320G     | \$1,821.50  |
| 2½"  | S85325      | \$1,711.50  | S85325G     | \$1,938.00  |
| 3"   | S85330      | \$1,922.50  | S85330G     | \$2,209.50  |
| 4"   | S85340      | \$2,175.50  | S85340G     | \$2,571.50  |
| 5"   | S85350      | \$3,148.00  | S85350G     | \$3,750.00  |
| 6"   | S85360      | \$3,416.50  | S85360G     | \$4,205.50  |
| 8"   | S85380      | \$5,236.50  | S85380G     | \$6,553.00  |
| 10"  | S85310      | \$8,415.50  | S85310G     | \$10,563.00 |
| 12"  | S85312      | \$14,696.50 | S85312G     | \$17,860.50 |

Orders for items in shaded areas **cannot** be cancelled or returned.

Galvanized items have minimum order quantities of 10 pcs (2" thru 4") and 5 pcs (5" & larger) per line item or a small order charge of \$650.00 per line item will be assessed.

**Technical Data Sheet: G420**

### #S855 Grooved Tee – Type Strainer



| Size | Painted     |            | Galvanized  |             |
|------|-------------|------------|-------------|-------------|
|      | Part Number | List Price | Part Number | List Price  |
| 2"   | S85520      | \$1,609.00 | S85520G     | \$1,886.50  |
| 2½"  | S85525      | \$1,691.00 | S85525G     | \$1,992.50  |
| 3"   | S85530      | \$1,897.50 | S85530G     | \$2,271.50  |
| 4"   | S85540      | \$2,147.50 | S85540G     | \$2,631.00  |
| 5"   | S85550      | \$3,110.00 | S85550G     | \$3,723.50  |
| 6"   | S85560      | \$3,374.00 | S85560G     | \$4,114.00  |
| 8"   | S85580      | \$5,171.50 | S85580G     | \$6,349.50  |
| 10"  | S85510      | \$7,592.00 | S85510G     | \$9,372.00  |
| 12"  | S85512      | \$9,773.50 | S85512G     | \$12,035.00 |

Orders for items in shaded areas **cannot** be cancelled or returned.

Galvanized items have minimum order quantities of 10 pcs (2" thru 4") and 5 pcs (5" & larger) per line item or a small order charge of \$650.00 per line item will be assessed.

**Technical Data Sheet: G430**

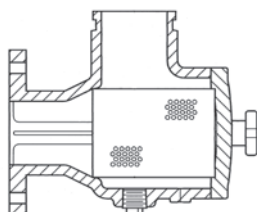
# Tyco Mechanical Products

## Section 6 – Accessories



# Grinnell

### #S810 Groove x Flange ANSI – Suction Diffuser

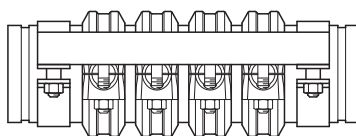


| Size        | Part #   | List Price  |
|-------------|----------|-------------|
| 3" x 2"     | S8103020 | \$3,309.50  |
| 3" x 2 1/2" | S8103025 | \$2,380.00  |
| 3" x 3"     | S8103030 | \$2,411.50  |
| 4" x 2"     | S8104020 | POA         |
| 4" x 2 1/2" | S8104025 | \$2,614.00  |
| 4" x 3"     | S8104030 | \$2,820.00  |
| 4" x 4"     | S8104040 | \$3,266.00  |
| 5" x 3"     | S8105030 | \$4,572.00  |
| 5" x 4"     | S8105040 | \$3,641.00  |
| 5" x 5"     | S8105050 | \$3,824.00  |
| 6" x 3"     | S8106030 | POA         |
| 6" x 4"     | S8106040 | \$3,881.50  |
| 6" x 5"     | S8106050 | \$4,641.50  |
| 6" x 6"     | S8106060 | \$4,819.50  |
| 8" x 5"     | S8108050 | \$4,943.00  |
| 8" x 6"     | S8108060 | \$5,212.50  |
| 8" x 8"     | S8108080 | \$8,968.50  |
| 10" x 6"    | S8101060 | \$9,311.00  |
| 10" x 8"    | S8101080 | \$10,118.50 |
| 10" x 10"   | S8101010 | \$12,191.50 |
| 12" x 8"    | S8101280 | \$12,765.50 |
| 12" x 10"   | S8101210 | \$14,431.00 |
| 12" x 12"   | S8101212 | \$20,070.50 |
| 14" x 10"   | S8101410 | \$14,810.50 |
| 14" x 12"   | S8101412 | \$16,544.50 |
| 14" x 14"   | S8101414 | \$20,091.00 |
| 16" x 14"   | S8101614 | \$20,677.00 |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G410**

### #7550 – Expansion Joint



| Nominal Size                           | Number of Couplings per Expansion Joint | Movement (inches) |            |          | Painted Couplings and Black Pipe |                   |            | Galvanized Couplings and Pipe |                   |            |
|----------------------------------------|-----------------------------------------|-------------------|------------|----------|----------------------------------|-------------------|------------|-------------------------------|-------------------|------------|
|                                        |                                         | Maximum           | Compressed | Expanded | Grade "E" EPDM                   | Grade "T" Nitrile | List Price | Grade "E" EPDM                | Grade "T" Nitrile | List Price |
| 1 1/4"<br>with<br>Fig. 705<br>Coupling | 8                                       | 1.00              | 26.625     | 27.625   | 7550-1-13                        | 7550-1-13T        | POA        | 7550-1-13G                    | 7550-1-13GT       | POA        |
|                                        | 10                                      | 1.25              | 31.375     | 32.625   | 7550-13-13                       | 7550-13-13T       | POA        | 7550-13-13G                   | 7550-13-13GT      | POA        |
|                                        | 12                                      | 1.50              | 36.125     | 37.625   | 7550-15-13                       | 7550-15-13T       | POA        | 7550-15-13G                   | 7550-15-13GT      | POA        |
|                                        | 14                                      | 1.75              | 40.875     | 42.625   | 7550-75-13                       | 7550-75-13T       | POA        | 7550-75-13G                   | 7550-75-13GT      | POA        |
| 1 1/2"<br>with<br>Fig. 705<br>Coupling | 8                                       | 1.00              | 26.625     | 27.625   | 7550-1-15                        | 7550-1-15T        | POA        | 7550-1-15G                    | 7550-1-15GT       | POA        |
|                                        | 10                                      | 1.25              | 31.375     | 32.625   | 7550-13-15                       | 7550-13-15T       | POA        | 7550-13-15G                   | 7550-13-15GT      | POA        |
|                                        | 12                                      | 1.50              | 36.125     | 37.625   | 7550-15-15                       | 7550-15-15T       | POA        | 7550-15-15G                   | 7550-15-15GT      | POA        |
|                                        | 14                                      | 1.75              | 40.875     | 42.625   | 7550-75-15                       | 7550-75-15T       | POA        | 7550-75-15G                   | 7550-75-15GT      | POA        |
| 2"<br>with<br>Fig. 705<br>Coupling     | 8                                       | 1.00              | 26.625     | 27.625   | 7550-1-20                        | 7550-1-20T        | POA        | 7550-1-20G                    | 7550-1-20GT       | POA        |
|                                        | 10                                      | 1.25              | 31.375     | 32.625   | 7550-13-20                       | 7550-13-20T       | POA        | 7550-13-20G                   | 7550-13-20GT      | POA        |
|                                        | 12                                      | 1.50              | 36.125     | 37.625   | 7550-15-20                       | 7550-15-20T       | POA        | 7550-15-20G                   | 7550-15-20GT      | POA        |
|                                        | 14                                      | 1.75              | 40.875     | 42.625   | 7550-75-20                       | 7550-75-20T       | POA        | 7550-75-20G                   | 7550-75-20GT      | POA        |
| 2 1/2"<br>with<br>Fig. 705<br>Coupling | 8                                       | 1.00              | 26.625     | 27.625   | 7550-1-25                        | 7550-1-25T        | POA        | 7550-1-25G                    | 7550-1-25GT       | POA        |
|                                        | 10                                      | 1.25              | 31.375     | 32.625   | 7550-13-25                       | 7550-13-25T       | POA        | 7550-13-25G                   | 7550-13-25GT      | POA        |
|                                        | 12                                      | 1.50              | 36.125     | 37.625   | 7550-15-25                       | 7550-15-25T       | POA        | 7550-15-25G                   | 7550-15-25GT      | POA        |
|                                        | 14                                      | 1.75              | 40.875     | 42.625   | 7550-75-25                       | 7550-75-25T       | POA        | 7550-75-25G                   | 7550-75-25GT      | POA        |
| 3"<br>with<br>Fig. 705<br>Coupling     | 8                                       | 1.00              | 26.625     | 27.625   | 7550-1-30                        | 7550-1-30T        | POA        | 7550-1-30G                    | 7550-1-30GT       | POA        |
|                                        | 10                                      | 1.25              | 31.375     | 32.625   | 7550-13-30                       | 7550-13-30T       | POA        | 7550-13-30G                   | 7550-13-30GT      | POA        |
|                                        | 12                                      | 1.50              | 36.125     | 37.625   | 7550-15-30                       | 7550-15-30T       | POA        | 7550-15-30G                   | 7550-15-30GT      | POA        |
|                                        | 14                                      | 1.75              | 40.875     | 42.625   | 7550-75-30                       | 7550-75-30T       | POA        | 7550-75-30G                   | 7550-75-30GT      | POA        |
| 4"<br>with<br>Fig. 705<br>Coupling     | 4                                       | 1.00              | 17.500     | 18.500   | 7550-1-40                        | 7550-1-40T        | POA        | 7550-1-40G                    | 7550-1-40GT       | POA        |
|                                        | 5                                       | 1.25              | 20.000     | 21.250   | 7550-13-40                       | 7550-13-40T       | POA        | 7550-13-40G                   | 7550-13-40GT      | POA        |
|                                        | 6                                       | 1.50              | 22.500     | 24.000   | 7550-15-40                       | 7550-15-40T       | POA        | 7550-15-40G                   | 7550-15-40GT      | POA        |
|                                        | 7                                       | 1.75              | 25.000     | 26.750   | 7550-75-40                       | 7550-75-40T       | POA        | 7550-75-40G                   | 7550-75-40GT      | POA        |
| 5"<br>with<br>Fig. 705<br>Coupling     | 4                                       | 1.00              | 17.500     | 18.500   | 7550-1-50                        | 7550-1-50T        | POA        | 7550-1-50G                    | 7550-1-50GT       | POA        |
|                                        | 5                                       | 1.25              | 20.000     | 21.250   | 7550-13-50                       | 7550-13-50T       | POA        | 7550-13-50G                   | 7550-13-50GT      | POA        |
|                                        | 6                                       | 1.50              | 22.500     | 24.000   | 7550-15-50                       | 7550-15-50T       | POA        | 7550-15-50G                   | 7550-15-50GT      | POA        |
|                                        | 7                                       | 1.75              | 25.000     | 26.750   | 7550-75-50                       | 7550-75-50T       | POA        | 7550-75-50G                   | 7550-75-50GT      | POA        |
| 6"<br>with<br>Fig. 705<br>Coupling     | 4                                       | 1.00              | 17.500     | 18.500   | 7550-1-60                        | 7550-1-60T        | POA        | 7550-1-60G                    | 7550-1-60GT       | POA        |
|                                        | 5                                       | 1.25              | 20.000     | 21.250   | 7550-13-60                       | 7550-13-60T       | POA        | 7550-13-60G                   | 7550-13-60GT      | POA        |
|                                        | 6                                       | 1.50              | 22.500     | 24.000   | 7550-15-60                       | 7550-15-60T       | POA        | 7550-15-60G                   | 7550-15-60GT      | POA        |
|                                        | 7                                       | 1.75              | 25.000     | 26.750   | 7550-75-60                       | 7550-75-60T       | POA        | 7550-75-60G                   | 7550-75-60GT      | POA        |
| 8"<br>with<br>Fig. 705<br>Coupling     | 4                                       | 1.00              | 19.125     | 20.125   | 7550-1-80                        | 7550-1-80T        | POA        | 7550-1-80G                    | 7550-1-80GT       | POA        |
|                                        | 5                                       | 1.25              | 22.000     | 23.250   | 7550-13-80                       | 7550-13-80T       | POA        | 7550-13-80G                   | 7550-13-80GT      | POA        |
|                                        | 6                                       | 1.50              | 24.875     | 26.375   | 7550-15-80                       | 7550-15-80T       | POA        | 7550-15-80G                   | 7550-15-80GT      | POA        |
|                                        | 7                                       | 1.75              | 27.500     | 29.500   | 7550-75-80                       | 7550-75-80T       | POA        | 7550-75-80G                   | 7550-75-80GT      | POA        |

See latest catalog or technical data sheets for specific approvals, listings, and design parameters.  
POA = Price on availability. Prices subject to change without notice.

Customer Service: (800) 558-5236

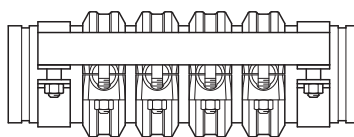
[www.grinnell.com](http://www.grinnell.com)

# Tyco Mechanical Products

## Section 6 – Accessories



### #7550 – Expansion Joint



| Nominal Size                        | Number of Couplings per Expansion Joint | Movement (inches) |            |          | Painted Couplings and Black Pipe |                   |            | Galvanized Couplings and Pipe |                   |            |
|-------------------------------------|-----------------------------------------|-------------------|------------|----------|----------------------------------|-------------------|------------|-------------------------------|-------------------|------------|
|                                     |                                         | Maximum           | Compressed | Expanded | Grade "E" EPDM                   | Grade "T" Nitrile | List Price | Grade "E" EPDM                | Grade "T" Nitrile | List Price |
| 10"<br>with<br>Fig. 705<br>Coupling | 4                                       | 1.00              | 21.500     | 22.500   | 7550-1-10                        | 7550-1-10T        | POA        | 7550-1-10G                    | 7550-1-10GT       | POA        |
|                                     | 5                                       | 1.25              | 24.500     | 25.750   | 7550-13-10                       | 7550-13-10T       | POA        | 7550-13-10G                   | 7550-13-10GT      | POA        |
|                                     | 6                                       | 1.50              | 27.500     | 29.000   | 7550-15-10                       | 7550-15-10T       | POA        | 7550-15-10G                   | 7550-15-10GT      | POA        |
|                                     | 7                                       | 1.75              | 30.500     | 32.250   | 7550-75-10                       | 7550-75-10T       | POA        | 7550-75-10G                   | 7550-75-10GT      | POA        |
| 12"<br>with<br>Fig. 705<br>Coupling | 4                                       | 1.00              | 21.500     | 22.500   | 7550-1-12                        | 7550-1-12T        | POA        | 7550-1-12G                    | 7550-1-12GT       | POA        |
|                                     | 5                                       | 1.25              | 24.500     | 25.750   | 7550-13-12                       | 7550-13-12T       | POA        | 7550-13-12G                   | 7550-13-12GT      | POA        |
|                                     | 6                                       | 1.50              | 27.500     | 29.000   | 7550-15-12                       | 7550-15-12T       | POA        | 7550-15-12G                   | 7550-15-12GT      | POA        |
|                                     | 7                                       | 1.75              | 30.500     | 32.250   | 7550-75-12                       | 7550-75-12T       | POA        | 7550-75-12G                   | 7550-75-12GT      | POA        |
| 14"<br>with<br>Fig. 707<br>Coupling | 4                                       | 1.00              | 23.125     | 24.125   | 7550-1-14                        | 7550-1-14T        | POA        | 7550-1-14G                    | 7550-1-14GT       | POA        |
|                                     | 5                                       | 1.25              | 26.500     | 27.750   | 7550-13-14                       | 7550-13-14T       | POA        | 7550-13-14G                   | 7550-13-14GT      | POA        |
|                                     | 6                                       | 1.50              | 29.875     | 31.375   | 7550-15-14                       | 7550-15-14T       | POA        | 7550-15-14G                   | 7550-15-14GT      | POA        |
|                                     | 7                                       | 1.75              | 33.250     | 35.000   | 7550-75-14                       | 7550-75-14T       | POA        | 7550-75-14G                   | 7550-75-14GT      | POA        |
| 16"<br>with<br>Fig. 707<br>Coupling | 4                                       | 1.00              | 24.125     | 25.125   | 7550-1-16                        | 7550-1-16T        | POA        | 7550-1-16G                    | 7550-1-16GT       | POA        |
|                                     | 5                                       | 1.25              | 27.500     | 28.750   | 7550-13-16                       | 7550-13-16T       | POA        | 7550-13-16G                   | 7550-13-16GT      | POA        |
|                                     | 6                                       | 1.50              | 30.875     | 32.375   | 7550-15-16                       | 7550-15-16T       | POA        | 7550-15-16G                   | 7550-15-16GT      | POA        |
|                                     | 7                                       | 1.75              | 34.250     | 36.000   | 7550-75-16                       | 7550-75-16T       | POA        | 7550-75-16G                   | 7550-75-16GT      | POA        |

1. Factory present needs to be denoted at the time of sale as fully expanded, fully compressed, or intermediate % of movement from compressed position.

2. Expansion Joints can be provided with any of the following option combinations as a special order.

**Gasket Material:** "E" EPDM, "T" Nitrile, "O" Fluoroelastomer, or "L" Silicone

**Pipe Finish:** black, galvanized, or stainless steel

**Coupling Finish:** painted, galvanized, or stainless steel

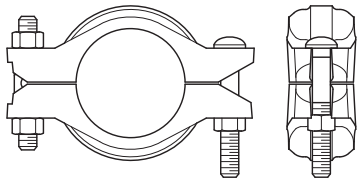
For specific coupling specifications refer to appropriate coupling technical datasheet.

Consult with your Tyco Mechanical Products Sales representative before ordering.

Orders for items in shaded areas **cannot** be cancelled or returned.

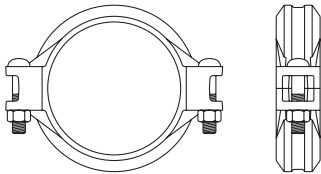
**Technical Data Sheet: G460**

### #640 Pivot-Bolt Rigid Couplings with Grade “EHT” EPDM Center-Stop Push-On Style Gasket

|  | Nominal Size | Part Number | List Price |
|-----------------------------------------------------------------------------------|--------------|-------------|------------|
|                                                                                   | 2"           | 64020EHT    | \$62.50    |
|                                                                                   | 2½"          | 64025EHT    | \$70.00    |
|                                                                                   | 3"           | 64030EHT    | \$78.50    |
|                                                                                   | 4"           | 64040EHT    | \$118.00   |
|                                                                                   | 5"           | 64050EHT    | \$198.00   |
|                                                                                   | 6"           | 64060EHT    | \$261.00   |
|                                                                                   | 8"           | 64080EHT    | \$404.50   |

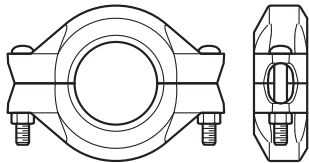
Technical Data Sheet: G512

### #672 Rigid Couplings with Grade “EN” Tri-Seal Gasket

|  | Nominal Size | Part Number | List Price |
|-----------------------------------------------------------------------------------|--------------|-------------|------------|
|                                                                                   | 2"           | 67220EN3    | \$62.50    |
|                                                                                   | 2½"          | 67225EN3    | \$70.00    |
|                                                                                   | 3"           | 67230EN3    | \$78.50    |
|                                                                                   | 4"           | 67240EN3    | \$118.00   |
|                                                                                   | 5"           | 67250EN3    | \$198.00   |
|                                                                                   | 6"           | 67260EN3    | \$261.00   |
|                                                                                   | 8"           | 67280EN3    | \$404.50   |

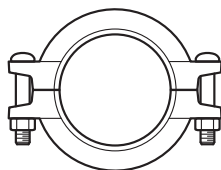
Technical Data Sheet: G510

### #616 Reducing Coupling with Grade “EN” EPDM Gasket

|  | Nominal Size | Part Number | List Price |
|-------------------------------------------------------------------------------------|--------------|-------------|------------|
|                                                                                     | 2½" x 2"     | 6162520ENP  | \$244.00   |
|                                                                                     | 3" x 2"      | 6163020ENP  | \$254.50   |
|                                                                                     | 3" x 2½"     | 6163025ENP  | \$260.00   |
|                                                                                     | 4" x 2½"     | 6164025ENP  | \$451.00   |
|                                                                                     | 4" x 3"      | 6164030ENP  | \$461.50   |
|                                                                                     | 5" x 4"      | 6165040ENP  | \$1,230.50 |
|                                                                                     | 6" x 4"      | 6166040ENP  | \$1,326.00 |

Technical Data Sheet: G511

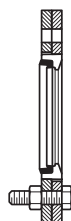
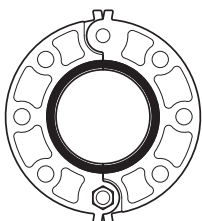
**#617 Transition Coupling for Joining IPS to Copper Tubing Systems  
with Grade “EN” EPDM Gasket**



| <i>Nominal Size</i> | <i>Part Number</i> | <i>List Price</i> |
|---------------------|--------------------|-------------------|
| 2"                  | 61720ENP           | \$313.00          |
| 2½"                 | 61725ENP           | \$318.50          |
| 3"                  | 61730ENP           | \$419.00          |
| 4"                  | 61740ENP           | \$795.50          |

Technical Data Sheet: G513

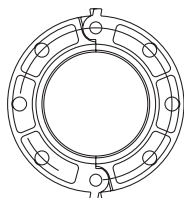
**#61H Flange Adapter – Hinged  
with Grade “EN” EPDM Gasket**



| <i>Nominal Size</i> | <i>Part Number</i> | <i>List Price</i> |
|---------------------|--------------------|-------------------|
| 2"                  | 61H20ENP           | \$472.50          |
| 2½"                 | 61H25ENP           | \$492.50          |
| 3"                  | 61H30ENP           | \$515.50          |
| 4"                  | 61H40ENP           | \$565.50          |
| 5"                  | 61H50ENP           | \$760.00          |
| 6"                  | 61H60ENP           | \$827.00          |

Technical Data Sheet: G516

**#61 Flange Adapter  
with Grade “EN” EPDM Gasket**

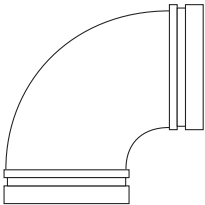


| <i>Nominal Size</i> | <i>Part Number</i> | <i>List Price</i> |
|---------------------|--------------------|-------------------|
| 2"                  | 6120EN             | \$472.50          |
| 2½"                 | 6125EN             | \$492.00          |
| 3"                  | 6130EN             | \$515.50          |
| 4"                  | 6140EN             | \$565.00          |
| 5"                  | 6150EN             | \$759.50          |
| 6"                  | 6160EN             | \$826.50          |

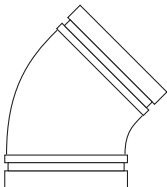
Technical Data Sheet: G515



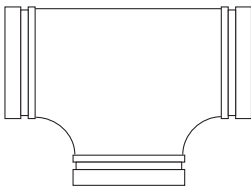
### #610 Grooved 90° Elbow

|  | Nominal Size | Part Number | List Price |
|-----------------------------------------------------------------------------------|--------------|-------------|------------|
|                                                                                   | 2"           | 61020S      | \$109.50   |
|                                                                                   | 2½"          | 61025S      | \$118.50   |
|                                                                                   | 3"           | 61030S      | \$166.00   |
|                                                                                   | 4"           | 61040S      | \$381.00   |
|                                                                                   | 5"           | 61050S      | \$1,080.00 |
|                                                                                   | 6"           | 61060S      | \$1,723.50 |
|                                                                                   | 8"           | 61080S      | \$3,235.50 |
| Technical Data Sheet: G520                                                        |              |             |            |

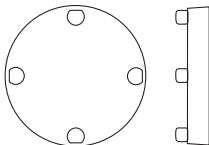
### #601 Grooved 45° Elbow

|  | Nominal Size | Part Number | List Price |
|-----------------------------------------------------------------------------------|--------------|-------------|------------|
|                                                                                   | 2"           | 64520S      | \$109.50   |
|                                                                                   | 2½"          | 64525S      | \$118.50   |
|                                                                                   | 3"           | 64530S      | \$166.00   |
|                                                                                   | 4"           | 64540S      | \$381.00   |
|                                                                                   | 5"           | 64550S      | \$1,080.00 |
|                                                                                   | 6"           | 64560S      | \$1,723.50 |
|                                                                                   | 8"           | 64580S      | \$3,235.50 |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.          |              |             |            |
| Technical Data Sheet: G520                                                        |              |             |            |

### #619 Tee

|  | Nominal Size | Part Number | List Price |
|-------------------------------------------------------------------------------------|--------------|-------------|------------|
|                                                                                     | 2"           | 61920S      | \$179.50   |
|                                                                                     | 2½"          | 61925S      | \$190.50   |
|                                                                                     | 3"           | 61930S      | \$283.50   |
|                                                                                     | 4"           | 61940S      | \$621.50   |
|                                                                                     | 5"           | 61950S      | \$1,738.50 |
|                                                                                     | 6"           | 61960S      | \$2,148.50 |
|                                                                                     | 8"           | 61980S      | \$3,836.50 |
| Technical Data Sheet: G520                                                          |              |             |            |

### #660 Cap

|  | Nominal Size | Part Number | List Price |
|-------------------------------------------------------------------------------------|--------------|-------------|------------|
|                                                                                     | 2"           | 66020S      | \$75.50    |
|                                                                                     | 2½"          | 66025S      | \$112.00   |
|                                                                                     | 3"           | 66030S      | \$139.00   |
|                                                                                     | 4"           | 66040S      | \$208.50   |
|                                                                                     | 5"           | 66050S      | \$235.00   |
|                                                                                     | 6"           | 66060S      | \$425.50   |
|                                                                                     | 8"           | 66080S      | POA        |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.            |              |             |            |
| Technical Data Sheet: G520                                                          |              |             |            |

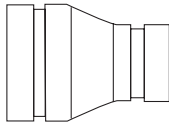
# Tyco Mechanical Products

## Section 7 – Copper Systems



# Grinnell

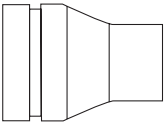
### #650 Grooved Concentric Reducer

|  | Nominal Size | Part Number | List Price |
|-----------------------------------------------------------------------------------|--------------|-------------|------------|
|                                                                                   | 2 1/2" x 2"  | 6502520     | \$157.00   |
|                                                                                   | 3" x 2"      | 6503020     | \$157.00   |
|                                                                                   | 3" x 2 1/2"  | 6503025     | \$157.00   |
|                                                                                   | 4" x 2"      | 6504020     | \$321.00   |
|                                                                                   | 4" x 2 1/2"  | 6504025     | \$321.00   |
|                                                                                   | 4" x 3"      | 6504030     | \$321.00   |
|                                                                                   | 5" x 3"      | 6505030     | \$903.00   |
|                                                                                   | 5" x 4"      | 6505040     | \$903.00   |
|                                                                                   | 6" x 3"      | 6506030     | \$977.50   |
|                                                                                   | 6" x 4"      | 6506040     | \$977.50   |
|                                                                                   | 6" x 5"      | 6506050     | \$977.50   |
|                                                                                   | 8" x 6"      | 6508060     | \$1,715.50 |

Orders for items in shaded areas **cannot** be cancelled or returned.

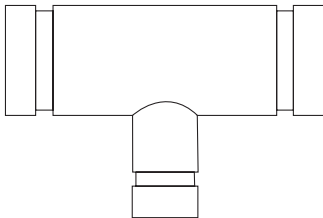
**Technical Data Sheet: G520**

### #652 Grooved Reducer Grooved x Cup

|  | Nominal Size    | Part Number | List Price |
|------------------------------------------------------------------------------------|-----------------|-------------|------------|
|                                                                                    | 2" x 1"         | 6522010W    | \$130.00   |
|                                                                                    | 2" x 1 1/4"     | 6522013W    | \$130.00   |
|                                                                                    | 2" x 1 1/2"     | 6522015W    | \$130.00   |
|                                                                                    | 2 1/2" x 1"     | 6522510W    | \$159.00   |
|                                                                                    | 2 1/2" x 1 1/4" | 6522513W    | \$159.00   |
|                                                                                    | 2 1/2" x 1 1/2" | 6522515W    | \$159.00   |
|                                                                                    | 2 1/2" x 2"     | 6522520W    | \$159.00   |
|                                                                                    | 3" x 1 1/2"     | 6523015W    | \$197.50   |
|                                                                                    | 3" x 2"         | 6523020W    | \$197.50   |
|                                                                                    | 4" x 2"         | 6524020W    | \$366.50   |

**Technical Data Sheet: G520**

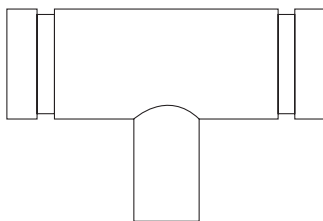
### #621 Reducing Tee Grooved x Grooved x Grooved

|  | Nominal Size         | Part Number | List Price |
|-------------------------------------------------------------------------------------|----------------------|-------------|------------|
|                                                                                     | 2 1/2" x 2 1/2" x 2" | 6212520     | \$284.00   |
|                                                                                     | 3" x 3" x 2"         | 6213020     | \$365.50   |
|                                                                                     | 3" x 3" x 2 1/2"     | 6213025     | \$482.00   |
|                                                                                     | 4" x 4" x 2"         | 6214020     | \$816.50   |
|                                                                                     | 4" x 4" x 2 1/2"     | 6214025     | \$816.50   |
|                                                                                     | 4" x 4" x 3"         | 6214030     | \$816.50   |
|                                                                                     | 5" x 5" x 3"         | 6215030     | \$2,492.00 |
|                                                                                     | 5" x 5" x 4"         | 6215040     | \$2,492.00 |
|                                                                                     | 6" x 6" x 2 1/2"     | 6216025     | \$3,042.50 |
|                                                                                     | 6" x 6" x 3"         | 6216030     | \$3,042.50 |
|                                                                                     | 6" x 6" x 4"         | 6216040     | \$3,042.50 |
|                                                                                     | 6" x 6" x 5"         | 6216050     | \$3,042.50 |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G520**

### #618 Reducing Tee Grooved x Grooved x Cup

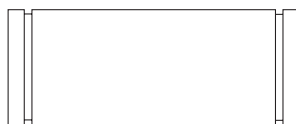


| <i>Nominal Size</i>      | <i>Part Number</i> | <i>List Price</i> |
|--------------------------|--------------------|-------------------|
| 2" x 2" x 3/4"           | 61820075           | \$229.50          |
| 2" x 2" x 1"             | 6182010            | \$229.50          |
| 2" x 2" x 1 1/4"         | 6182013            | \$229.50          |
| 2" x 2" x 1 1/2"         | 6182015            | \$229.50          |
| 2 1/2" x 2 1/2" x 3/4"   | 61825075           | \$291.50          |
| 2 1/2" x 2 1/2" x 1"     | 6182510            | \$285.00          |
| 2 1/2" x 2 1/2" x 1 1/4" | 6182513            | \$285.00          |
| 2 1/2" x 2 1/2" x 1 1/2" | 6182515            | \$285.00          |
| 3" x 3" x 3/4"           | 61830075           | \$527.00          |
| 3" x 3" x 1"             | 6183010            | \$527.00          |
| 3" x 3" x 1 1/4"         | 6183013            | \$527.00          |
| 3" x 3" x 1 1/2"         | 6183015            | \$527.00          |
| 4" x 4" x 3/4"           | 61840075           | \$623.00          |
| 4" x 4" x 1"             | 6184010            | \$816.50          |
| 4" x 4" x 1 1/4"         | 6184013            | \$816.50          |
| 4" x 4" x 1 1/2"         | 6184015            | \$816.50          |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G520**

### #407GG Dielectric Waterway Transition Fitting Grooved x Grooved, IPS x CTS



| <i>Nominal Size<br/>(Pipe Size x Length)</i> | <i>Part Number</i> | <i>List Price</i> |
|----------------------------------------------|--------------------|-------------------|
| 2" x 4 <sup>3</sup> / <sub>16</sub> " L      | 407GG20P           | \$181.00          |
| 2 1/2" x 6 <sup>3</sup> / <sub>16</sub> " L  | 407GG25P           | \$203.50          |
| 3" x 6 <sup>3</sup> / <sub>16</sub> " L      | 407GG30P           | \$311.50          |
| 4" x 6 <sup>3</sup> / <sub>16</sub> " L      | 407GG40P           | \$625.00          |
| 5" x 6 <sup>3</sup> / <sub>16</sub> " L      | 407GG50P           | \$698.00          |
| 6" x 6 <sup>3</sup> / <sub>16</sub> " L      | 407GG60P           | \$864.50          |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G465**

### #407GT Dielectric Waterway Grooved x Thread



| <i>Nominal Size<br/>(Pipe Size x Length)</i> | <i>Painted</i> | <i>List Price</i> |
|----------------------------------------------|----------------|-------------------|
| 1" x 4" L                                    | 41465          | \$67.50           |
| 1 1/4" x 4" L                                | 41466          | \$90.00           |
| 1 1/2" x 4" L                                | 41467          | \$105.00          |
| 2" x 4" L                                    | 41468          | \$106.50          |
| 2 1/2" x 6" L                                | 41469          | \$144.00          |
| 3" x 6" L                                    | 41470          | \$260.50          |
| 4" x 6" L                                    | 41472          | \$348.00          |

**Technical Data Sheet: G465**



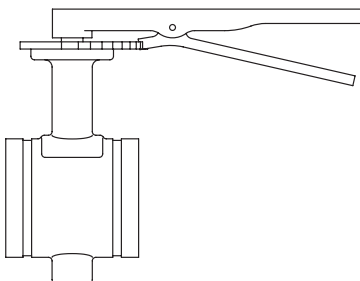
**#407T Dielectric Waterway  
Male Thread x Male Thread**



| <i>Nominal Size<br/>(Pipe Size x Length)</i> | <i>Painted</i> | <i>List Price</i> |
|----------------------------------------------|----------------|-------------------|
| 1/2" x 3" L                                  | <b>41455</b>   | \$37.50           |
| 3/4" x 3" L                                  | <b>41456</b>   | \$37.50           |
| 1" x 4" L                                    | <b>41457</b>   | \$55.00           |
| 1 1/4" x 4" L                                | <b>41458</b>   | \$78.00           |
| 1 1/2" x 4" L                                | <b>41459</b>   | \$94.00           |
| 2" x 4" L                                    | <b>41460</b>   | \$106.50          |
| 2 1/2" x 6" L                                | <b>41461</b>   | \$144.00          |
| 3" x 6" L                                    | <b>41462</b>   | \$260.50          |
| 4" x 6" L                                    | <b>41464</b>   | \$348.00          |

**Technical Data Sheet: G465**

**#B680 Copper System Butterfly Valve  
Grooved, EPDM, with Lever Handle or Gear Operated**



| <i>Nominal Size</i> | <i>Lever Handle</i> |                   | <i>Gear Operated</i> |                   |
|---------------------|---------------------|-------------------|----------------------|-------------------|
|                     | <i>Part Number</i>  | <i>List Price</i> | <i>Part Number</i>   | <i>List Price</i> |
| 2"                  | <b>68020EL</b>      | POA               | <b>68020EG</b>       | POA               |
| 2 1/2"              | <b>68025EL</b>      | \$1,166.00        | <b>68025EG</b>       | \$1,909.50        |
| 3"                  | <b>68030EL</b>      | \$1,281.00        | <b>68030EG</b>       | \$2,022.50        |
| 4"                  | <b>68040EL</b>      | \$1,620.00        | <b>68040EG</b>       | \$2,364.00        |
| 5"                  | <b>68050EL</b>      | \$2,049.50        | <b>68050EG</b>       | \$2,801.00        |
| 6"                  | <b>68060EL</b>      | \$2,202.50        | <b>68060EG</b>       | \$2,944.00        |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G530**

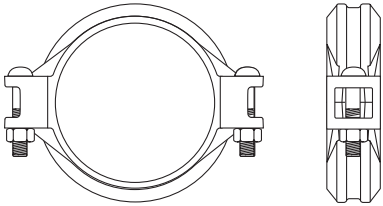
**Roll Groover Mini-Mite 2" – 8" Copper Tube  
#1039-66 Ratchet Hand Crank or Chucked into a Ridgid® 300**



| <i>Nominal Size</i> | <i>Part Number</i> | <i>List Price</i> |
|---------------------|--------------------|-------------------|
| 2" – 8"             | <b>41047</b>       | \$864.50          |

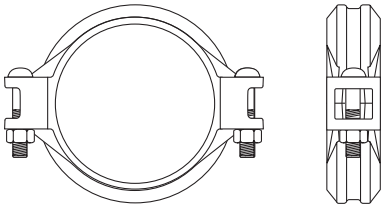
**Technical Data Sheet: G720**

**#472 Rigid Coupling 316 SS**  
**with Grade “EN” or Grade “T” Nitrile Gasket**

|                                                                                   | Nominal Size                    | Part Number     |                   | List Price |
|-----------------------------------------------------------------------------------|---------------------------------|-----------------|-------------------|------------|
|                                                                                   |                                 | Grade “EN” EPDM | Grade “T” Nitrile |            |
|  | 1 <sup>1</sup> / <sub>4</sub> " | 47213EN         | 47213T            | POA        |
|                                                                                   | 1 <sup>1</sup> / <sub>2</sub> " | 47215EN         | 47215T            | \$237.00   |
|                                                                                   | 2"                              | 47220EN         | 47220T            | \$265.00   |
|                                                                                   | 2 <sup>1</sup> / <sub>2</sub> " | 47225EN         | 47225T            | \$291.00   |
|                                                                                   | 3"                              | 47230EN         | 47230T            | \$325.00   |
|                                                                                   | 4"                              | 47240EN         | 47240T            | \$409.50   |
|                                                                                   | 5"                              | 47250EN         | 47250T            | POA        |
|                                                                                   | 6"                              | 47260EN         | 47260T            | \$945.00   |
|                                                                                   | 8"                              | 47280EN         | 47280T            | \$1,969.50 |
|                                                                                   | 10"                             | 47210EN         | 47210T            | \$2,321.00 |
|                                                                                   | 12"                             | 47212EN         | 47212T            | \$3,267.00 |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G560**
**#472 Rigid Coupling 316 SS**  
**with Grade “EN” or Grade “T” Nitrile Tri-seal Gasket**

|                                                                                     | Nominal Size                    | Part Number     |                   | List Price |
|-------------------------------------------------------------------------------------|---------------------------------|-----------------|-------------------|------------|
|                                                                                     |                                 | Grade “EN” EPDM | Grade “T” Nitrile |            |
|  | 1 <sup>1</sup> / <sub>4</sub> " | 47213EN3        | 47213T3           | POA        |
|                                                                                     | 1 <sup>1</sup> / <sub>2</sub> " | 47215EN3        | 47215T3           | \$268.00   |
|                                                                                     | 2"                              | 47220EN3        | 47220T3           | \$308.50   |
|                                                                                     | 2 <sup>1</sup> / <sub>2</sub> " | 47225EN3        | 47225T3           | \$330.00   |
|                                                                                     | 3"                              | 47230EN3        | 47230T3           | \$362.00   |
|                                                                                     | 4"                              | 47240EN3        | 47240T3           | \$463.50   |
|                                                                                     | 5"                              | 47250EN3        | 47250T3           | POA        |
|                                                                                     | 6"                              | 47260EN3        | 47260T3           | \$1,273.50 |
|                                                                                     | 8"                              | 47280EN3        | 47280T3           | \$2,071.50 |
|                                                                                     | 10"                             | 47210EN3        | 47210T3           | \$2,451.50 |
|                                                                                     | 12"                             | 47212EN3        | 47212T3           | \$3,425.50 |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G560**

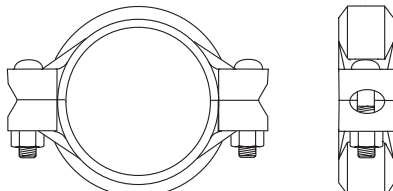
# Tyco Mechanical Products

## Section 8 – Stainless Steel Systems

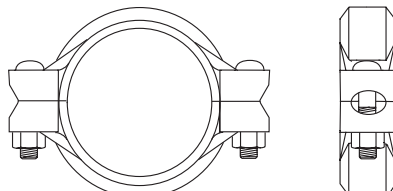


# Grinnell

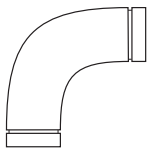
### #405 Flexible Coupling 316 SS with Grade "EN" or Grade "T" Nitrile Gasket

|                                                                                   | Nominal<br>Size | Part Number     |                   | List<br>Price |
|-----------------------------------------------------------------------------------|-----------------|-----------------|-------------------|---------------|
|                                                                                   |                 | Grade "EN" EPDM | Grade "T" Nitrile |               |
|  | 1"              | 40501EN         | 40501T            | \$182.00      |
|                                                                                   | 1 1/4"          | 40513EN         | 40513T            | \$213.00      |
|                                                                                   | 1 1/2"          | 40515EN         | 40515T            | \$237.00      |
|                                                                                   | 2"              | 40520EN         | 40520T            | \$265.00      |
|                                                                                   | 2 1/2"          | 40525EN         | 40525T            | \$291.00      |
|                                                                                   | 3"              | 40530EN         | 40530T            | \$325.00      |
|                                                                                   | 4"              | 40540EN         | 40540T            | \$409.50      |
|                                                                                   | 5"              | 40550EN         | 40550T            | POA           |
|                                                                                   | 6"              | 40560EN         | 40560T            | POA           |
|                                                                                   | 8"              | 40580EN         | 40580T            | POA           |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.          |                 |                 |                   |               |
| Technical Data Sheet: G565                                                        |                 |                 |                   |               |

### #405 Flexible Coupling 316 SS with Grade "EN" or Grade "T" Nitrile Tri-Seal Gasket

|                                                                                    | Nominal<br>Size | Part Number     |                   | List<br>Price |
|------------------------------------------------------------------------------------|-----------------|-----------------|-------------------|---------------|
|                                                                                    |                 | Grade "EN" EPDM | Grade "T" Nitrile |               |
|  | 1 1/4"          | 40513EN3        | 40513T3           | \$242.00      |
|                                                                                    | 1 1/2"          | 40515EN3        | 40515T3           | \$267.50      |
|                                                                                    | 2"              | 40520EN3        | 40520T3           | \$308.50      |
|                                                                                    | 2 1/2"          | 40525EN3        | 40525T3           | \$330.00      |
|                                                                                    | 3"              | 40530EN3        | 40530T3           | \$362.00      |
|                                                                                    | 4"              | 40540EN3        | 40540T3           | \$463.50      |
|                                                                                    | 5"              | 40550EN3        | 40550T3           | POA           |
|                                                                                    | 6"              | 40560EN3        | 40560T3           | POA           |
|                                                                                    | 8"              | 40580EN3        | 40580T3           | POA           |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.           |                 |                 |                   |               |
| Technical Data Sheet: G565                                                         |                 |                 |                   |               |

### #410 90° Elbow 304 SS & 316 SS, Schedule 10

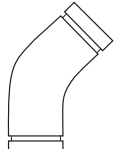
|                                                                                   | Nominal Size | 304 SS   |         |            | 316 SS   |         |            |
|-----------------------------------------------------------------------------------|--------------|----------|---------|------------|----------|---------|------------|
|                                                                                   |              | Domestic | Global  | List Price | Domestic | Global  | List Price |
|  | 1"           | 410014AD | 410014A | \$142.00   | 410016AD | 410016A | \$149.00   |
|                                                                                   | 1 1/4"       | 410134AD | 410134A | \$123.00   | 410136AD | 410136A | \$151.50   |
|                                                                                   | 1 1/2"       | 410154AD | 410154A | \$123.00   | 410156AD | 410156A | \$152.00   |
|                                                                                   | 2"           | 410204AD | 410204A | \$166.50   | 410206AD | 410206A | \$170.50   |
|                                                                                   | 2 1/2"       | 410254AD | 410254A | \$219.50   | 410256AD | 410256A | \$231.00   |
|                                                                                   | 3"           | 410304AD | 410304A | \$223.00   | 410306AD | 410306A | \$276.50   |
|                                                                                   | 4"           | 410404AD | 410404A | \$317.50   | 410406AD | 410406A | \$395.50   |
|                                                                                   | 5"           | 410504AD | 410504A | POA        | 410506AD | 410506A | POA        |
|                                                                                   | 6"           | 410604AD | 410604A | \$836.50   | 410606AD | 410606A | \$1,044.00 |
|                                                                                   | 8"           | 410804AD | 410804A | \$1,453.50 | 410806AD | 410806A | \$1,814.00 |
|                                                                                   | 10"          | 410104AD | 410104A | \$2,868.00 | 410106AD | 410106A | \$3,583.50 |
|                                                                                   | 12"          | 410124AD | 410124A | \$4,494.50 | 410126AD | 410126A | \$5,616.00 |

Orders for items in shaded areas **cannot** be cancelled or returned.

Some sizes also available in Schedule 40. For price and availability, please contact your Grinnell Sales Representative.

**Technical Data Sheet: G570**

### #401 45° Elbow, 304 SS & 316 SS, Schedule 10

|                                                                                     | Nominal Size | 304 SS   |         |            | 316 SS   |         |            |
|-------------------------------------------------------------------------------------|--------------|----------|---------|------------|----------|---------|------------|
|                                                                                     |              | Domestic | Global  | List Price | Domestic | Global  | List Price |
|  | 1"           | 401014AD | 401014A | \$114.50   | 401016AD | 401016A | \$135.00   |
|                                                                                     | 1 1/4"       | 401134AD | 401134A | \$114.50   | 401136AD | 401136A | \$135.00   |
|                                                                                     | 1 1/2"       | 401154AD | 401154A | \$119.50   | 401156AD | 401156A | \$138.50   |
|                                                                                     | 2"           | 401204AD | 401204A | \$145.50   | 401206AD | 401206A | \$152.00   |
|                                                                                     | 2 1/2"       | 401254AD | 401254A | \$191.00   | 401256AD | 401256A | \$200.00   |
|                                                                                     | 3"           | 401304AD | 401304A | \$205.50   | 401306AD | 401306A | \$254.50   |
|                                                                                     | 4"           | 401404AD | 401404A | \$293.50   | 401406AD | 401406A | \$364.50   |
|                                                                                     | 5"           | 401504AD | 401504A | POA        | 401506AD | 401506A | POA        |
|                                                                                     | 6"           | 401604AD | 401604A | \$552.50   | 401606AD | 401606A | \$690.00   |
|                                                                                     | 8"           | 401804AD | 401804A | \$944.00   | 401806AD | 401806A | \$1,180.00 |
|                                                                                     | 10"          | 401104AD | 401104A | \$2,208.00 | 401106AD | 401106A | \$2,582.50 |
|                                                                                     | 12"          | 401124AD | 401124A | \$3,046.50 | 401126AD | 401126A | \$3,808.50 |

Orders for items in shaded areas **cannot** be cancelled or returned.

Some sizes also available in Schedule 40. For price and availability, please contact your Grinnell Sales Representative.

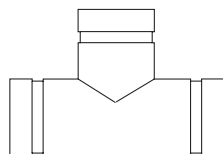
**Technical Data Sheet: G570**

# Tyco Mechanical Products

## Section 8 – Stainless Steel Systems



### #419 Tee, 304 SS & 316 SS, Schedule 10



| Nominal Size | 304 SS   |         |            | 316 SS   |         |             |
|--------------|----------|---------|------------|----------|---------|-------------|
|              | Domestic | Global  | List Price | Domestic | Global  | List Price  |
| 1"           | 419014AD | 419014A | \$444.00   | 419016AD | 419016A | \$462.50    |
| 1 1/4"       | 419134AD | 419134A | \$520.50   | 419136AD | 419136A | POA         |
| 1 1/2"       | 419154AD | 419154A | \$412.50   | 419156AD | 419156A | \$432.00    |
| 2"           | 419204AD | 419204A | \$445.50   | 419206AD | 419206A | \$452.00    |
| 2 1/2"       | 419254AD | 419254A | \$498.50   | 419256AD | 419256A | \$550.50    |
| 3"           | 419304AD | 419304A | \$571.00   | 419306AD | 419306A | \$713.00    |
| 4"           | 419404AD | 419404A | \$611.00   | 419406AD | 419406A | \$763.50    |
| 5"           | 419504AD | 419504A | POA        | 419506AD | 419506A | POA         |
| 6"           | 419604AD | 419604A | \$1,188.00 | 419606AD | 419606A | \$1,666.00  |
| 8"           | 419804AD | 419804A | \$1,754.00 | 419806AD | 419806A | \$3,097.00  |
| 10"          | 419104AD | 419104A | \$3,430.00 | 419106AD | 419106A | \$7,910.00  |
| 12"          | 419124AD | 419124A | \$5,169.00 | 419126AD | 419126A | \$10,084.00 |

Orders for items in shaded areas **cannot** be cancelled or returned.  
Some sizes also available in Schedule 40. For price and availability, please contact your Grinnell Sales Representative.

**Technical Data Sheet: G570**

### #460 Cap, 304 SS & 316 SS, Schedule 10



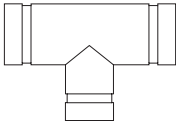
| Nominal Size | 304 SS   |         |            | 316 SS   |         |            |
|--------------|----------|---------|------------|----------|---------|------------|
|              | Domestic | Global  | List Price | Domestic | Global  | List Price |
| 1"           | 460014AD | 460014A | POA        | 460016AD | 460016A | \$211.00   |
| 1 1/4"       | 460134AD | 460134A | POA        | 460136AD | 460136A | \$223.00   |
| 1 1/2"       | 460154AD | 460154A | POA        | 460156AD | 460156A | \$233.00   |
| 2"           | 460204AD | 460204A | POA        | 460206AD | 460206A | \$320.00   |
| 2 1/2"       | 460254AD | 460254A | POA        | 460256AD | 460256A | \$332.50   |
| 3"           | 460304AD | 460304A | POA        | 460306AD | 460306A | \$402.50   |
| 4"           | 460404AD | 460404A | POA        | 460406AD | 460406A | \$513.50   |
| 5"           | 460504AD | 460504A | POA        | 460506AD | 460506A | POA        |
| 6"           | 460604AD | 460604A | POA        | 460606AD | 460606A | \$613.00   |
| 8"           | 460804AD | 460804A | POA        | 460806AD | 460806A | \$1,444.00 |
| 10"          | 460104AD | 460104A | POA        | 460106AD | 460106A | \$1,890.50 |
| 12"          | 460124AD | 460124A | POA        | 460126AD | 460126A | \$2,200.00 |

Orders for items in shaded areas **cannot** be cancelled or returned.  
Some sizes also available in Schedule 40. For price and availability, please contact your Grinnell Sales Representative.

**Technical Data Sheet: G570**



### #421 Reducing Tee, 304 SS & 316 SS, Schedule 10

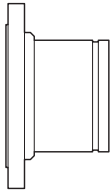
|                                                                                   | Nominal Size             | 304 SS     |           |            | 316 SS     |           |             |
|-----------------------------------------------------------------------------------|--------------------------|------------|-----------|------------|------------|-----------|-------------|
|                                                                                   |                          | Domestic   | Global    | List Price | Domestic   | Global    | List Price  |
|  | 1 1/2" x 1 1/2" x 1"     | 42115014AD | 42115014A | \$389.50   | 42115016AD | 42115016A | \$479.00    |
|                                                                                   | 1 1/2" x 1 1/2" x 1 1/4" | 42115134AD | 42115134A | \$398.00   | 42115136AD | 42115136A | \$490.00    |
|                                                                                   | 2" x 2" x 1"             | 42120014AD | 42120104A | \$420.00   | 42120016AD | 42120016A | \$494.50    |
|                                                                                   | 2" x 2" x 1 1/4"         | 42120134AD | 42120134A | \$472.00   | 42120136AD | 42120136A | \$642.00    |
|                                                                                   | 2" x 2" x 1 1/2"         | 42120154AD | 42120154A | \$533.50   | 42120156AD | 42120156A | \$642.00    |
|                                                                                   | 2 1/2" x 2 1/2" x 1"     | 42125014AD | 42125104A | \$534.50   | 42125016AD | 42125016A | \$656.50    |
|                                                                                   | 2 1/2" x 2 1/2" x 1 1/2" | 42125154AD | 42125154A | \$603.50   | 42125156AD | 42125156A | \$659.00    |
|                                                                                   | 2 1/2" x 2 1/2" x 2"     | 42125204AD | 42125204A | \$634.50   | 42125206AD | 42125206A | \$649.00    |
|                                                                                   | 3" x 3" x 1"             | 42130014AD | 42130014A | \$535.00   | 42130016AD | 42130016A | \$613.50    |
|                                                                                   | 3" x 3" x 1 1/4"         | 42130134AD | 42130134A | \$633.50   | 42130136AD | 42130136A | \$755.00    |
|                                                                                   | 3" x 3" x 1 1/2"         | 42130154AD | 42130154A | \$659.00   | 42130156AD | 42130156A | \$792.50    |
|                                                                                   | 3" x 3" x 2"             | 42130204AD | 42130204A | \$706.00   | 42130206AD | 42130206A | POA         |
|                                                                                   | 3" x 3" x 2 1/2"         | 42130254AD | 42130254A | \$680.00   | 42130256AD | 42130256A | \$846.50    |
|                                                                                   | 4" x 4" x 2"             | 42140204AD | 42140204A | \$800.00   | 42140206AD | 42140206A | \$957.00    |
|                                                                                   | 4" x 4" x 2 1/2"         | 42140254AD | 42140254A | \$896.00   | 42140256AD | 42140256A | \$1,023.50  |
|                                                                                   | 4" x 4" x 3"             | 42140304AD | 42140304A | \$939.00   | 42140306AD | 42140306A | \$1,171.00  |
|                                                                                   | 6" x 6" x 1 1/2"         | 42160154AD | 42160154A | POA        | 42160156AD | 42160156A | POA         |
|                                                                                   | 6" x 6" x 2"             | 42160204AD | 42160204A | \$1,697.00 | 42160206AD | 42160206A | \$1,997.50  |
|                                                                                   | 6" x 6" x 3"             | 42160304AD | 42160304A | \$1,210.00 | 42160306AD | 42160306A | \$1,510.00  |
|                                                                                   | 6" x 6" x 4"             | 42160404AD | 42160404A | \$1,500.00 | 42160406AD | 42160406A | \$1,790.50  |
|                                                                                   | 8" x 8" x 4"             | 42180404AD | 42180404A | \$3,533.00 | 42180406AD | 42180406A | \$4,217.50  |
|                                                                                   | 8" x 8" x 6"             | 42180604AD | 42180604A | \$4,631.50 | 42180606AD | 42180606A | \$5,677.50  |
|                                                                                   | 10" x 10" x 6"           | 42110604AD | 42110604A | \$5,650.50 | 42110606AD | 42110606A | \$7,203.00  |
|                                                                                   | 10" x 10" x 8"           | 42110804AD | 42110804A | \$5,700.50 | 42110806AD | 42110806A | \$7,265.50  |
|                                                                                   | 12" x 12" x 8"           | 42112804AD | 42112804A | \$8,144.00 | 42112806AD | 42112806A | \$10,165.00 |
|                                                                                   | 12" x 12" x 10"          | 42112104AD | 42112104A | \$9,735.00 | 42112106AD | 42112106A | \$12,148.50 |

Orders for items in shaded areas **cannot** be cancelled or returned.

Some sizes also available in Schedule 40. For price and availability, please contact your Grinnell Sales Representative.

Technical Data Sheet: G570

### #441 Flange Adapter Nipple 150 lbs. 304 SS & 316 SS, Schedule 10

|                                                                                     | Nominal Size | 304 SS      |            | 316 SS      |            |
|-------------------------------------------------------------------------------------|--------------|-------------|------------|-------------|------------|
|                                                                                     |              | Part Number | List Price | Part Number | List Price |
|  | 2"           | 441204      | \$747.50   | 441206      | \$761.00   |
|                                                                                     | 2 1/2"       | 441254      | \$1,052.00 | 441256      | \$1,135.50 |
|                                                                                     | 3"           | 441304      | \$1,086.00 | 441306      | \$1,172.50 |
|                                                                                     | 4"           | 441404      | \$1,518.00 | 441406      | \$1,639.00 |
|                                                                                     | 6"           | 441604      | \$2,043.50 | 441606      | \$2,185.50 |
|                                                                                     | 8"           | 441804      | \$2,791.00 | 441806      | \$3,344.50 |

Orders for items in shaded areas **cannot** be cancelled or returned.

Some sizes also available in Schedule 40. For price and availability, please contact your Grinnell Sales Representative.

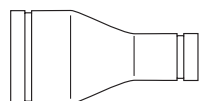
Technical Data Sheet: G568

# Tyco Mechanical Products

## Section 8 – Stainless Steel Systems



### #450 Concentric Reducer, 304 SS & 316 SS, Schedule 10



| Nominal Size    | 304 SS     |           |            | 316 SS     |           |            |
|-----------------|------------|-----------|------------|------------|-----------|------------|
|                 | Domestic   | Global    | List Price | Domestic   | Global    | List Price |
| 1 1/2" x 1"     | 45015014AD | —         | \$275.50   | 45015016AD | 45015016A | \$321.00   |
| 1 1/2" x 1 1/4" | 45015134AD | 45015134A | \$306.50   | 45015136AD | 45015136A | \$334.00   |
| 2" x 1"         | 45020014AD | 45020104A | \$223.00   | 45020016AD | 45020016A | \$264.00   |
| 2" x 1 1/4"     | 45020134AD | 45020134A | \$620.00   | 45020136AD | 45020136A | \$783.50   |
| 2" x 1 1/2"     | 45020154AD | 45020154A | \$265.00   | 45020156AD | 45020156A | \$303.50   |
| 2 1/2" x 1 1/2" | 45025154AD | 45025154A | \$599.00   | 45025156AD | 45025156A | \$641.50   |
| 2 1/2" x 2"     | 45025204AD | 45025204A | \$371.00   | 45025206AD | 45025206A | \$381.00   |
| 3" x 1"         | 45030014AD | 45030014A | \$639.00   | 45030016AD | 45030016A | \$833.00   |
| 3" x 1 1/4"     | 45030134AD | 45030134A | \$918.50   | 45030136AD | 45030136A | POA        |
| 3" x 1 1/2"     | 45030154AD | 45030154A | \$625.00   | 45030156AD | 45030156A | \$745.50   |
| 3" x 2"         | 45030204AD | 45030204A | \$199.50   | 45030206AD | 45030206A | \$294.50   |
| 3" x 2 1/2"     | 45030254AD | 45030254A | \$163.50   | 45030256AD | 45030256A | \$203.00   |
| 4" x 2"         | 45040204AD | 45040204A | \$266.00   | 45040206AD | 45040206A | \$464.50   |
| 4" x 2 1/2"     | 45040254AD | 45040254A | \$364.50   | 45040256AD | 45040256A | \$685.00   |
| 4" x 3"         | 45040304AD | 45040304A | \$189.00   | 45040306AD | 45040306A | \$236.00   |
| 5" x 3"         | 45050304AD | 45050304A | POA        | 45050306AD | 45050306A | POA        |
| 5" x 4"         | 45050404AD | 45050404A | POA        | 45050406AD | 45050406A | POA        |
| 6" x 2"         | 45060204AD | 45060204A | POA        | 45060206AD | 45060206A | POA        |
| 6" x 2 1/2"     | 45060254AD | 45060254A | \$3,058.00 | 45060256AD | 45060256A | \$3,865.00 |
| 6" x 3"         | 45060304AD | 45060304A | \$611.00   | 45060306AD | 45060306A | \$762.00   |
| 6" x 4"         | 45060404AD | 45060404A | \$464.50   | 45060406AD | 45060406A | \$578.50   |
| 6" x 5"         | 45060504AD | 45060504A | \$1,780.50 | —          | —         | —          |
| 8" x 3"         | 45080304AD | 45080304A | POA        | 45080306AD | 45080306A | POA        |
| 8" x 4"         | 45080404AD | 45080404A | \$2,224.50 | 45080406AD | 45080406A | \$2,780.00 |
| 8" x 6"         | 45080604AD | 45080604A | \$1,167.50 | 45080606AD | 45080606A | \$1,456.50 |
| 10" x 4"        | 45010404AD | 45010404A | \$3,659.00 | 45010406AD | 45010406A | \$4,507.00 |
| 10" x 6"        | 45010604AD | 45010604A | \$2,754.50 | 45010606AD | 45010606A | \$3,443.00 |
| 10" x 8"        | 45010804AD | 45010804A | \$3,077.50 | 45010806AD | 45010806A | \$3,846.00 |
| 12" x 6"        | 45012604AD | 45012604A | POA        | 45012606AD | 45012606A | POA        |
| 12" x 8"        | 45012804AD | 45012804A | \$4,192.00 | 45012806AD | 45012806A | \$5,239.00 |
| 12" x 10"       | 45012104AD | 45012104A | \$3,852.50 | 45012106AD | 45012106A | \$4,813.50 |

Orders for items in shaded areas **cannot** be cancelled or returned.  
Some sizes also available in Schedule 40. For price and availability, please contact your Grinnell Sales Representative.

**Technical Data Sheet: G570**

Introduction  
Couplings & Fittings  
Mechanical Tees  
Valves  
Circuit Balancing Valves  
Accessories  
Copper Systems  
Stainless Steel Systems  
Plain End Systems  
Stainless Steel G-PRESS  
HDPE Systems  
Gaskets & Spare Parts  
Preparation Equipment  
Miscellaneous  
Indices



### #451 Eccentric Reducer, 304 SS & 316 SS, Schedule 10

|                                                                                   | Nominal Size    | 304 SS     |           |            | 316 SS     |           |            |
|-----------------------------------------------------------------------------------|-----------------|------------|-----------|------------|------------|-----------|------------|
|                                                                                   |                 | Domestic   | Global    | List Price | Domestic   | Global    | List Price |
|  | 1 1/4" x 1"     | 45113014AD | 45113014A | POA        | 45113016AD | 45113016A | POA        |
|                                                                                   | 1 1/2" x 1"     | 45115014AD | 45115014A | \$602.00   | 45115016AD | 45115016A | \$692.00   |
|                                                                                   | 1 1/2" x 1 1/4" | 45115134AD | 45115134A | POA        | 45115136AD | 45115136A | POA        |
|                                                                                   | 2" x 1"         | 45120014AD | 45120014A | \$1,205.00 | 45120016AD | 45120016A | \$1,205.00 |
|                                                                                   | 2" x 1 1/4"     | 45120134AD | 45120134A | \$1,296.50 | 45120136AD | 45120136A | \$1,383.50 |
|                                                                                   | 2" x 1 1/2"     | 45120154AD | 45120154A | \$683.50   | 45120156AD | 45120156A | \$783.50   |
|                                                                                   | 2 1/2" x 2"     | 45125204AD | 45125204A | \$831.50   | 45125206AD | 45125206A | \$1,014.00 |
|                                                                                   | 3" x 1"         | 45130014AD | 45130014A | POA        | 45130016AD | 45130016A | POA        |
|                                                                                   | 3" x 2"         | 45130204AD | 45130204A | \$841.00   | 45130206AD | 45130206A | \$916.00   |
|                                                                                   | 3" x 2 1/2"     | 45130254AD | 45130254A | \$855.50   | 45130256AD | 45130256A | \$981.50   |
|                                                                                   | 4" x 2"         | 45140204AD | 45140204A | \$2,251.00 | 45140206AD | 45140206A | \$3,263.00 |
|                                                                                   | 4" x 2 1/2"     | 45140254AD | 45140254A | \$1,049.00 | 45140256AD | 45140256A | \$1,781.50 |
|                                                                                   | 4" x 3"         | 45140304AD | 45140304A | \$1,747.50 | 45140306AD | 45140306A | \$2,181.50 |
|                                                                                   | 5" x 3"         | 45150304AD | 45150304A | POA        | 45150306AD | 45150306A | POA        |
|                                                                                   | 5" x 4"         | 45150404AD | 45150404A | POA        | 45150406AD | 45150406A | POA        |
|                                                                                   | 6" x 2"         | 45160204AD | 45160204A | POA        | 45160206AD | 45160206A | POA        |
|                                                                                   | 6" x 2 1/2"     | 45160254AD | 45160254A | \$3,058.00 | 45160256AD | 45160256A | POA        |
|                                                                                   | 6" x 3"         | 45160304AD | 45160304A | \$5,050.00 | 45160306AD | 45160306A | POA        |
|                                                                                   | 6" x 4"         | 45160404AD | 45160404A | \$1,843.50 | 45160406AD | 45160406A | \$2,697.00 |
|                                                                                   | 8" x 3"         | 45180304AD | 45180304A | POA        | 45180306AD | 45180306A | POA        |
|                                                                                   | 8" x 4"         | 45180404AD | 45180404A | POA        | 45180406AD | 45180406A | POA        |
|                                                                                   | 8" x 6"         | 45180604AD | 45180604A | POA        | 45180606AD | 45180606A | POA        |
|                                                                                   | 10" x 6"        | 45110604AD | 45110604A | POA        | 45110606AD | 45110606A | POA        |
|                                                                                   | 10" x 8"        | 45110804AD | 45110804A | POA        | 45110806AD | 45110806A | POA        |
|                                                                                   | 12" x 6"        | 45112604AD | 45112604A | POA        | 45112606AD | 45112606A | POA        |
|                                                                                   | 12" x 8"        | 45112804AD | 45112804A | POA        | 45112806AD | 45112806A | POA        |
|                                                                                   | 12" x 10"       | 45112104AD | 45112104A | POA        | 45112106AD | 45112106A | POA        |

Orders for items in shaded areas **cannot** be cancelled or returned.  
Some sizes also available in Schedule 40. For price and availability, please contact your Grinnell Sales Representative.

**Technical Data Sheet: G570**

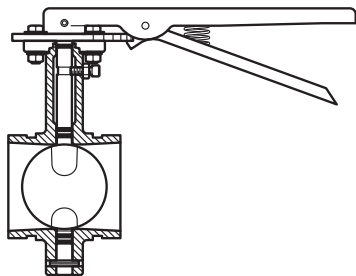
# Tyco Mechanical Products

## Section 8 – Stainless Steel Systems



# Grinnell

### #B480 Stainless Steel Grooved Butterfly Valve EPDM or Nitrile, Lever Operator

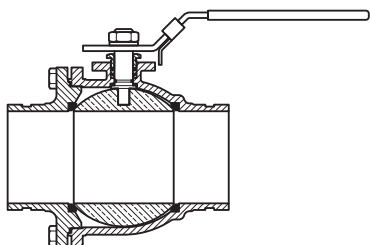


| Size    | EPDM       |            | Nitrile    |            |
|---------|------------|------------|------------|------------|
|         | Part #     | List Price | Part #     | List Price |
| 2"      | B48020EL   | \$1,992.50 | B48020TL   | \$1,992.50 |
| 2 1/2"  | B48025EL   | \$2,281.50 | B48025TL   | \$2,281.50 |
| 76.1mm  | B480761EL  | \$2,281.50 | B480761TL  | \$2,281.50 |
| 3"      | B48030EL   | \$2,591.00 | B48030TL   | \$2,591.00 |
| 4"      | B48040EL   | \$2,930.50 | B48040TL   | \$2,930.50 |
| 165.1mm | B4801651EL | \$4,447.00 | B4801651TL | \$4,447.00 |
| 6"      | B48060EL   | \$4,447.00 | B48060TL   | \$4,447.00 |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G340

### BV435 Stainless Steel Grooved Ball Valve (600 psi)

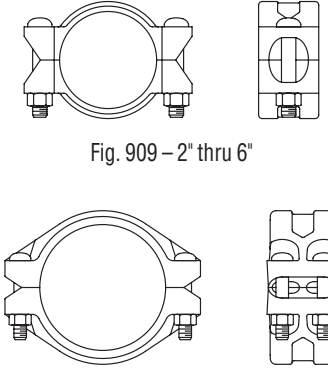


| Size   | Part Number | List Price |
|--------|-------------|------------|
| 1 1/2" | BV43515     | \$953.50   |
| 2"     | BV43520     | \$1,336.00 |
| 2 1/2" | BV43525     | \$1,754.50 |
| 3"     | BV43530     | \$2,485.00 |
| 4"     | BV43540     | \$3,165.50 |

Technical Data Sheet: G370



### #909 Plain End Coupling with Grade "E" EPDM Gasket or Grade "T" Nitrile Gasket

|  <p>Fig. 909 – 2" thru 6"</p> <p>Fig. 909 – 8" thru 18"</p> | Nominal Size | Painted                 |                            |            | Galvanized              |                            |            |
|----------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------|----------------------------|------------|-------------------------|----------------------------|------------|
|                                                                                                                                              |              | Grade "E" EPDM Part No. | Grade "T" Nitrile Part No. | List Price | Grade "E" EPDM Part No. | Grade "T" Nitrile Part No. | List Price |
|                                                                                                                                              | 2"           | 90920ES                 | 90920TS                    | \$191.00   | 90920EGS                | 90920TGS                   | \$246.50   |
|                                                                                                                                              | 2½"          | 90925ES                 | 90925TS                    | \$191.00   | 90925EGS                | 90925TGS                   | \$246.50   |
|                                                                                                                                              | 3"           | 90930ES                 | 90930TS                    | \$279.00   | 90930EGS                | 90930TGS                   | \$364.50   |
|                                                                                                                                              | 4"           | 90940ES                 | 90940TS                    | \$322.00   | 90940EGS                | 90940TGS                   | \$427.50   |
|                                                                                                                                              | 5" *         | 79008                   | 79008T                     | \$458.00   | 79008G                  | 79008GT                    | \$608.50   |
|                                                                                                                                              | 6"           | 90960ES                 | 90960TS                    | \$559.00   | 90960EGS                | 90960TGS                   | \$758.00   |
|                                                                                                                                              | 8"           | 90980ES                 | 90980TS                    | \$985.50   | 90980EGS                | 90980TGS                   | \$1,318.50 |
|                                                                                                                                              | 10"          | 90910ES                 | 90910TS                    | \$1,279.00 | 90910EGS                | 90910TGS                   | \$1,717.50 |
|                                                                                                                                              | 12" *        | 79009                   | 79009T                     | \$1,605.50 | 79009G                  | 79009GT                    | \$2,214.00 |
|                                                                                                                                              | 14" *        | 79010                   | 79010T                     | \$2,204.00 | 79010G                  | 79010GT                    | \$2,860.50 |
|                                                                                                                                              | 16" *        | 79011                   | 79011T                     | \$3,015.00 | 79011G                  | 79011GT                    | \$3,848.00 |
|                                                                                                                                              | 18"          | 90918ES                 | 90918TS                    | \$4,022.00 | 90918EGS                | 90918TGS                   | \$5,219.50 |

\* Shurjoint brand model 79.

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G190**

# Tyco Mechanical Products

## Section 9 – Plain End Systems



### #910 Plain End 90° Elbow

|  | Nominal Size | Painted     |            | Galvanized  |            |
|--|--------------|-------------|------------|-------------|------------|
|  |              | Part Number | List Price | Part Number | List Price |
|  | 2"           | 91020F      | \$556.50   | 91020GF     | \$613.50   |
|  | 2 1/2"       | 91025F      | \$651.00   | 91025GF     | \$723.50   |
|  | 3"           | 91030F      | \$676.00   | 91030GF     | \$756.00   |
|  | 4"           | 91040F      | \$765.50   | 91040GF     | \$842.00   |
|  | 6"           | 91060F      | \$1,111.50 | 91060GF     | \$1,353.00 |
|  | 8"           | 91080F      | \$2,087.50 | 91080GF     | \$2,360.00 |
|  | 10"          | 91010F      | \$2,657.50 | 91010GF     | \$2,974.50 |
|  | 12"          | 91012F      | \$2,957.00 | 91012GF     | \$4,550.00 |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G192

### #910LR Plain End Long Radius 90° Elbow

|  | Nominal Size | Painted     |            | Galvanized  |            |
|--|--------------|-------------|------------|-------------|------------|
|  |              | Part Number | List Price | Part Number | List Price |
|  | 2"           | 91020LF     | POA        | 91020LGF    | POA        |
|  | 2 1/2"       | 91025LF     | POA        | 91025LGF    | POA        |
|  | 3"           | 91030LF     | POA        | 91030LGF    | POA        |
|  | 4"           | 91040LF     | POA        | 91040LGF    | POA        |
|  | 6"           | 91060LF     | POA        | 91060LGF    | POA        |
|  | 8"           | 91080LF     | POA        | 91080LGF    | POA        |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G192

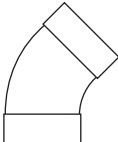
### #901 Plain End 45° Elbow

|  | Nominal Size | Painted     |            | Galvanized  |            |
|--|--------------|-------------|------------|-------------|------------|
|  |              | Part Number | List Price | Part Number | List Price |
|  | 2"           | 90120F      | \$590.00   | 90120GF     | \$725.50   |
|  | 2 1/2"       | 90125F      | \$590.00   | 90125GF     | \$725.50   |
|  | 3"           | 90130F      | \$676.00   | 90130GF     | \$761.50   |
|  | 4"           | 90140F      | \$704.50   | 90140GF     | \$780.00   |
|  | 6"           | 90160F      | \$1,008.00 | 90160GF     | \$1,183.00 |
|  | 8"           | 90180F      | \$1,181.50 | 90180GF     | \$1,668.00 |
|  | 10"          | 90110F      | \$1,220.50 | 90110GF     | \$1,525.00 |
|  | 12"          | 90112F      | \$2,205.50 | 90112GF     | \$2,597.00 |

Orders for items in shaded areas **cannot** be cancelled or returned.

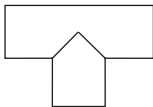
Technical Data Sheet: G192

**#901LR Plain End Long Radius 45° Elbow**

|                                                                                   | Nominal Size | Painted     |            | Galvanized  |            |
|-----------------------------------------------------------------------------------|--------------|-------------|------------|-------------|------------|
|                                                                                   |              | Part Number | List Price | Part Number | List Price |
|  | 2"           | 90120LF     | POA        | 90120LGF    | POA        |
|                                                                                   | 2½"          | 90125LF     | POA        | 90125LGF    | POA        |
|                                                                                   | 3"           | 90130LF     | POA        | 90130LGF    | POA        |
|                                                                                   | 4"           | 90140LF     | POA        | 90140LGF    | POA        |
|                                                                                   | 6"           | 90160LF     | POA        | 90160LGF    | POA        |
|                                                                                   | 8"           | 90180LF     | POA        | 90180LGF    | POA        |

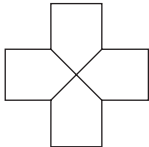
Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G192**
**#919 Plain End Tee**

|                                                                                   | Nominal Size | Painted     |            | Galvanized  |            |
|-----------------------------------------------------------------------------------|--------------|-------------|------------|-------------|------------|
|                                                                                   |              | Part Number | List Price | Part Number | List Price |
|  | 2"           | 91920F      | \$454.50   | 91920GF     | \$509.50   |
|                                                                                   | 2½"          | 91925F      | \$592.50   | 91925GF     | \$670.50   |
|                                                                                   | 3"           | 91930F      | \$909.50   | 91930GF     | \$1,038.50 |
|                                                                                   | 4"           | 91940F      | \$1,302.50 | 91940GF     | \$1,628.00 |
|                                                                                   | 6"           | 91960F      | \$1,550.00 | 91960GF     | \$1,779.00 |
|                                                                                   | 8"           | 91980F      | \$2,233.50 | 91980GF     | POA        |
|                                                                                   | 10"          | 91910F      | POA        | 91910GF     | POA        |
|                                                                                   | 12"          | 91912F      | \$4,093.00 | 91912GF     | POA        |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G192**
**#927 Plain End Cross**

|                                                                                     | Nominal Size | Painted     |            | Galvanized  |            |
|-------------------------------------------------------------------------------------|--------------|-------------|------------|-------------|------------|
|                                                                                     |              | Part Number | List Price | Part Number | List Price |
|  | 2"           | 92720F      | \$615.50   | 92720GF     | POA        |
|                                                                                     | 2½"          | 92725F      | POA        | 92725GF     | POA        |
|                                                                                     | 3"           | 92730F      | POA        | 92730GF     | POA        |
|                                                                                     | 4"           | 92740F      | POA        | 92740GF     | POA        |
|                                                                                     | 6"           | 92760F      | POA        | 92760GF     | POA        |
|                                                                                     | 8"           | 92780F      | POA        | 92780GF     | POA        |
|                                                                                     | 10"          | 92710F      | POA        | 92710GF     | POA        |
|                                                                                     | 12"          | 92712F      | POA        | 92712GF     | POA        |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G192**

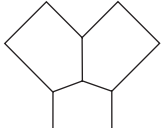
# Tyco Mechanical Products

## Section 9 – Plain End Systems



# Grinnell

### #924 Plain End True Wye

|                                                                                   | Nominal Size | Painted     |            | Galvanized  |            |
|-----------------------------------------------------------------------------------|--------------|-------------|------------|-------------|------------|
|                                                                                   |              | Part Number | List Price | Part Number | List Price |
|  | 2"           | 92420F      | POA        | 92420GF     | POA        |
|                                                                                   | 2½"          | 92425F      | POA        | 92425GF     | POA        |
|                                                                                   | 3"           | 92430F      | POA        | 92430GF     | POA        |
|                                                                                   | 4"           | 92440F      | POA        | 92440GF     | POA        |
|                                                                                   | 6"           | 92460F      | POA        | 92460GF     | POA        |
|                                                                                   | 8"           | 92480F      | POA        | 92480GF     | POA        |
|                                                                                   | 10"          | 92410F      | POA        | 92410GF     | POA        |
|                                                                                   | 12"          | 92412F      | POA        | 92412GF     | POA        |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G192

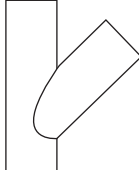
### #960 Plain End Cap (Bull Plug)

|                                                                                   | Nominal Size | Painted     |            | Galvanized  |            |
|-----------------------------------------------------------------------------------|--------------|-------------|------------|-------------|------------|
|                                                                                   |              | Part Number | List Price | Part Number | List Price |
|  | 2"           | 96020F      | \$318.00   | 96020GF     | POA        |
|                                                                                   | 2½"          | 96025F      | \$318.00   | 96025GF     | POA        |
|                                                                                   | 3"           | 96030F      | \$464.50   | 96030GF     | POA        |
|                                                                                   | 4"           | 96040F      | \$598.50   | 96040GF     | POA        |
|                                                                                   | 6"           | 96060F      | \$1,403.00 | 96060GF     | POA        |
|                                                                                   | 8"           | 96080F      | \$2,634.50 | 96080GF     | POA        |
|                                                                                   | 10"          | 96010F      | POA        | 96010GF     | POA        |
|                                                                                   | 12"          | 96012F      | \$7,071.00 | 96012GF     | POA        |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G192

### #914 Plain End Lateral

|                                                                                     | Nominal Size | Painted     |            | Galvanized  |            |
|-------------------------------------------------------------------------------------|--------------|-------------|------------|-------------|------------|
|                                                                                     |              | Part Number | List Price | Part Number | List Price |
|  | 2"           | 91420F      | \$613.50   | 91420GF     | \$745.00   |
|                                                                                     | 2½"          | 91425F      | \$705.50   | 91425GF     | \$830.00   |
|                                                                                     | 3"           | 91430F      | \$837.50   | 91430GF     | \$984.50   |
|                                                                                     | 4"           | 91440F      | \$1,153.50 | 91440GF     | \$1,291.50 |
|                                                                                     | 6"           | 91460F      | \$2,018.00 | 91460GF     | \$2,448.50 |
|                                                                                     | 8"           | 91480F      | \$3,385.50 | 91480GF     | \$3,986.00 |
|                                                                                     | 10"          | 91410F      | \$3,385.00 | 91410GF     | \$5,920.50 |
|                                                                                     | 12"          | 91412F      | \$6,222.50 | 91412GF     | \$8,002.00 |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G192



### #999 Plain End Swaged Nipple

|                                                                                   | Nominal Size | Painted     |            | Galvanized  |            |
|-----------------------------------------------------------------------------------|--------------|-------------|------------|-------------|------------|
|                                                                                   |              | Part Number | List Price | Part Number | List Price |
|  | 2 1/2" x 2"  | 9992520F    | POA        | 9992520GF   | POA        |
|                                                                                   | 3" x 2"      | 9993020F    | POA        | 9993020GF   | POA        |
|                                                                                   | 3" x 2 1/2"  | 9993025F    | POA        | 9993025GF   | POA        |
|                                                                                   | 4" x 2"      | 9994020F    | POA        | 9994020GF   | POA        |
|                                                                                   | 4" x 2 1/2"  | 9994025F    | POA        | 9994025GF   | POA        |
|                                                                                   | 4" x 3"      | 9994030F    | POA        | 9994030GF   | POA        |
|                                                                                   | 5" x 2"      | 9995020F    | POA        | 9995020GF   | POA        |
|                                                                                   | 5" x 3"      | 9995030F    | POA        | 9995030GF   | POA        |
|                                                                                   | 5" x 4"      | 9995040F    | POA        | 9995040GF   | POA        |
|                                                                                   | 6" x 2"      | 9996020F    | POA        | 9996020GF   | POA        |
|                                                                                   | 6" x 2 1/2"  | 9996025F    | POA        | 9996025GF   | POA        |
|                                                                                   | 6" x 3"      | 9996030F    | POA        | 9996030GF   | POA        |
|                                                                                   | 6" x 4"      | 9996040F    | POA        | 9996040GF   | POA        |
|                                                                                   | 6" x 5"      | 9996050F    | POA        | 9996050GF   | POA        |
|                                                                                   | 8" x 3"      | 9998030F    | POA        | 9998030GF   | POA        |
|                                                                                   | 8" x 4"      | 9998040F    | POA        | 9998040GF   | POA        |
|                                                                                   | 8" x 5"      | 9998050F    | POA        | 9998050GF   | POA        |
|                                                                                   | 8" x 6"      | 9998060F    | POA        | 9998060GF   | POA        |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G192

### #991 Adapter Nipple – Plain x Thread

|                                                                                     | Nominal Size | Painted     |            | Galvanized  |            |
|-------------------------------------------------------------------------------------|--------------|-------------|------------|-------------|------------|
|                                                                                     |              | Part Number | List Price | Part Number | List Price |
|  | 2"           | 99120F      | \$54.50    | 99120GF     | POA        |
|                                                                                     | 2 1/2"       | 99125F      | \$63.00    | 99125GF     | POA        |
|                                                                                     | 3"           | 99130F      | \$77.00    | 99130GF     | POA        |
|                                                                                     | 4"           | 99140F      | \$125.00   | 99140GF     | POA        |
|                                                                                     | 6"           | 99160F      | \$330.50   | 99160GF     | POA        |
|                                                                                     | 8"           | 99180F      | POA        | 99180GF     | POA        |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G192

# Tyco Mechanical Products

## Section 9 – Plain End Systems



# Grinnell

### #992 Adapter Nipple – Plain x Grooved

|                                                                                   | Nominal Size | Painted     |            | Galvanized  |            |
|-----------------------------------------------------------------------------------|--------------|-------------|------------|-------------|------------|
|                                                                                   |              | Part Number | List Price | Part Number | List Price |
|  | 2"           | 99220F      | \$54.50    | 99220GF     | POA        |
|                                                                                   | 2½"          | 99225F      | \$63.00    | 99225GF     | POA        |
|                                                                                   | 3"           | 99230F      | \$77.00    | 99230GF     | POA        |
|                                                                                   | 4"           | 99240F      | \$125.00   | 99240GF     | POA        |
|                                                                                   | 6"           | 99260F      | \$330.50   | 99260GF     | POA        |
|                                                                                   | 8"           | 99280F      | POA        | 99280GF     | POA        |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G192

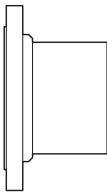
### #993 Adapter Nipple – Plain x Bevel

|                                                                                   | Nominal Size | Painted     |            | Galvanized  |            |
|-----------------------------------------------------------------------------------|--------------|-------------|------------|-------------|------------|
|                                                                                   |              | Part Number | List Price | Part Number | List Price |
|  | 2"           | 99320F      | \$54.50    | 99320GF     | POA        |
|                                                                                   | 2½"          | 99325F      | \$63.00    | 99325GF     | POA        |
|                                                                                   | 3"           | 99330F      | \$77.00    | 99330GF     | POA        |
|                                                                                   | 4"           | 99340F      | \$125.00   | 99340GF     | POA        |
|                                                                                   | 6"           | 99360F      | \$330.50   | 99360GF     | POA        |
|                                                                                   | 8"           | 99380F      | POA        | 99380GF     | POA        |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G192

### #941 Flange Adapter 150 lbs.

|                                                                                     | Nominal Size | Painted     |            | Galvanized  |            |
|-------------------------------------------------------------------------------------|--------------|-------------|------------|-------------|------------|
|                                                                                     |              | Part Number | List Price | Part Number | List Price |
|  | 2"           | 94120F      | POA        | 94120GF     | POA        |
|                                                                                     | 2½"          | 94125F      | POA        | 94125GF     | POA        |
|                                                                                     | 3"           | 94130F      | POA        | 94130GF     | POA        |
|                                                                                     | 4"           | 94140F      | POA        | 94140GF     | POA        |
|                                                                                     | 6"           | 94160F      | POA        | 94160GF     | POA        |
|                                                                                     | 8"           | 94180F      | POA        | 94180GF     | POA        |

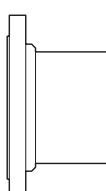
Orders for items in shaded areas **cannot** be cancelled or returned.

Raised face flanges are standard; flat flanges are quoted on application.

Technical Data Sheet: G192

Introduction  
Couplings & Fittings  
Mechanical Tees  
Valves  
Circuit Balancing Valves  
Accessories  
Copper Systems  
Stainless Steel Systems  
Plain End Systems  
Stainless Steel G-PRESS  
HDPE Systems  
Gaskets & Spare Parts  
Preparation Equipment  
Miscellaneous  
Indices

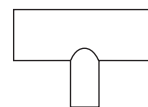
**#942 Flange Adapter 300 lbs.**

|  | <b>Nominal Size</b> | <b>Painted</b>     |                   | <b>Galvanized</b>  |                   |
|-----------------------------------------------------------------------------------|---------------------|--------------------|-------------------|--------------------|-------------------|
|                                                                                   |                     | <b>Part Number</b> | <b>List Price</b> | <b>Part Number</b> | <b>List Price</b> |
|                                                                                   | 2"                  | 94220F             | POA               | 94220GF            | POA               |
|                                                                                   | 2½"                 | 94225F             | POA               | 94225GF            | POA               |
|                                                                                   | 3"                  | 94230F             | POA               | 94230GF            | POA               |
|                                                                                   | 4"                  | 94240F             | POA               | 94240GF            | POA               |
|                                                                                   | 6"                  | 94260F             | POA               | 94260GF            | POA               |
|                                                                                   | 8"                  | 94280F             | POA               | 94280GF            | POA               |

Orders for items in shaded areas **cannot** be cancelled or returned.

Raised face flanges are standard; flat flanges are quoted on application.

**Technical Data Sheet: G192**
**#921 Reducing Tee Plain End**

|  | <b>Nominal Size</b> | <b>Painted</b>     |                   | <b>Galvanized</b>  |                   |
|------------------------------------------------------------------------------------|---------------------|--------------------|-------------------|--------------------|-------------------|
|                                                                                    |                     | <b>Part Number</b> | <b>List Price</b> | <b>Part Number</b> | <b>List Price</b> |
|                                                                                    | 3" x 3" x 2"        | 9213020F           | POA               | 9213020GF          | \$904.50          |
|                                                                                    | 4" x 4" x 2"        | 9214020F           | \$563.00          | 9214020GF          | POA               |
|                                                                                    | 4" x 4" x 2½"       | 9214025F           | \$579.00          | 9214025GF          | POA               |
|                                                                                    | 4" x 4" x 3"        | 9214030F           | \$579.00          | 9214030GF          | POA               |
|                                                                                    | 6" x 6" x 2"        | 9216020F           | POA               | 9216020GF          | POA               |
|                                                                                    | 6" x 6" x 3"        | 9216030F           | \$985.50          | 9216030GF          | POA               |
|                                                                                    | 6" x 6" x 4"        | 9216040F           | POA               | 9216040GF          | \$1,268.00        |
|                                                                                    | 8" x 8" x 2"        | 9218020F           | POA               | 9218020GF          | \$3,440.50        |
|                                                                                    | 8" x 8" x 3"        | 9218030F           | POA               | 9218030GF          | POA               |
|                                                                                    | 8" x 8" x 4"        | 9218040F           | \$1,119.50        | 9218040GF          | POA               |
|                                                                                    | 8" x 8" x 6"        | 9218060F           | \$1,312.50        | 9218060GF          | POA               |
|                                                                                    | 10" x 10" x 4"      | 9211040F           | POA               | 9211040GF          | POA               |
|                                                                                    | 10" x 10" x 6"      | 9211060F           | POA               | 9211060GF          | POA               |
|                                                                                    | 10" x 10" x 8"      | 9211080F           | POA               | 9211080GF          | POA               |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G192**

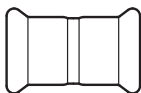
# Tyco Mechanical Products

## Section 10 – SS G-PRESS Systems



# Grinnell

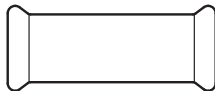
### #407 G-PRESS 316 Stainless Steel Coupling (Press x Press)

|  | Nominal Size | Grade "E"<br>EPDM O-Ring<br>Part Number | Grade "T"<br>Nitrile O-Ring<br>Part Number | List Price | Grade "O"<br>Fluoroelastomer<br>O-Ring Part Number | List Price | Pieces/<br>Bag<br>Quantities |
|-----------------------------------------------------------------------------------|--------------|-----------------------------------------|--------------------------------------------|------------|----------------------------------------------------|------------|------------------------------|
|                                                                                   | 1/2"         | 407050E                                 | 407050T                                    | \$51.00    | 4070500                                            | \$69.50    | 20                           |
|                                                                                   | 3/4"         | 407075E                                 | 407075T                                    | \$56.50    | 4070750                                            | \$78.00    | 20                           |
|                                                                                   | 1"           | 407100E                                 | 407100T                                    | \$64.00    | 4071000                                            | \$84.00    | 10                           |
|                                                                                   | 1 1/2"       | 407150E                                 | 407150T                                    | \$85.50    | 4071500                                            | \$145.00   | 4                            |
|                                                                                   | 2"           | 407200E                                 | 407200T                                    | \$112.50   | 4072000                                            | \$190.50   | 4                            |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G550**

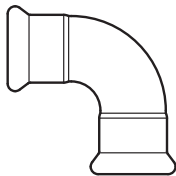
### #408 G-PRESS 316 Stainless Steel Slip Coupling (Press x Press)

|  | Nominal Size | Grade "E"<br>EPDM O-Ring<br>Part Number | Grade "T"<br>Nitrile O-Ring<br>Part Number | List Price | Grade "O"<br>Fluoroelastomer<br>O-Ring Part Number | List Price | Pieces/<br>Bag<br>Quantities |
|-----------------------------------------------------------------------------------|--------------|-----------------------------------------|--------------------------------------------|------------|----------------------------------------------------|------------|------------------------------|
|                                                                                   | 1/2"         | 408050E                                 | 408050T                                    | \$67.00    | 4080500                                            | \$85.50    | 20                           |
|                                                                                   | 3/4"         | 408075E                                 | 408075T                                    | \$73.00    | 4080750                                            | \$95.00    | 20                           |
|                                                                                   | 1"           | 408100E                                 | 408100T                                    | \$83.50    | 4081000                                            | \$111.50   | 10                           |
|                                                                                   | 1 1/2"       | 408150E                                 | 408150T                                    | \$107.50   | 4081500                                            | \$189.50   | 4                            |
|                                                                                   | 2"           | 408200E                                 | 408200T                                    | \$137.50   | 4082000                                            | \$242.00   | 4                            |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G550**

### #468 G-PRESS 316 Stainless Steel 90° Elbow (Press x Press)

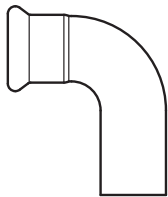
|  | Nominal Size | Grade "E"<br>EPDM O-Ring<br>Part Number | Grade "T"<br>Nitrile O-Ring<br>Part Number | List Price | Grade "O"<br>Fluoroelastomer<br>O-Ring Part Number | List Price | Pieces/<br>Bag<br>Quantities |
|-------------------------------------------------------------------------------------|--------------|-----------------------------------------|--------------------------------------------|------------|----------------------------------------------------|------------|------------------------------|
|                                                                                     | 1/2"         | 468050E                                 | 468050T                                    | \$95.50    | 4680500                                            | \$114.00   | 20                           |
|                                                                                     | 3/4"         | 468075E                                 | 468075T                                    | \$107.50   | 4680750                                            | \$130.00   | 10                           |
|                                                                                     | 1"           | 468100E                                 | 468100T                                    | \$127.50   | 4681000                                            | \$155.50   | 10                           |
|                                                                                     | 1 1/2"       | 468150E                                 | 468150T                                    | \$252.00   | 4681500                                            | \$333.50   | 2                            |
|                                                                                     | 2"           | 468200E                                 | 468200T                                    | \$322.00   | 4682000                                            | \$427.00   | 2                            |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G550**



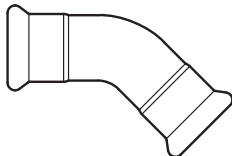
### #467 G-PRESS 316 Stainless Steel 90° Elbow (Press x Fitting)

|  | Nominal Size | Grade "E"<br>EPDM O-Ring<br>Part Number | Grade "T"<br>Nitrile O-Ring<br>Part Number | List Price | Grade "O"<br>Fluoroelastomer<br>O-Ring Part Number | List Price | Pieces/<br>Bag<br>Quantities |
|-----------------------------------------------------------------------------------|--------------|-----------------------------------------|--------------------------------------------|------------|----------------------------------------------------|------------|------------------------------|
|                                                                                   | 1/2"         | 467050E                                 | 467050T                                    | \$95.50    | 4670500                                            | \$104.50   | 20                           |
|                                                                                   | 3/4"         | 467075E                                 | 467075T                                    | \$107.50   | 4670750                                            | \$119.00   | 10                           |
|                                                                                   | 1"           | 467100E                                 | 467100T                                    | \$127.50   | 4671000                                            | \$141.00   | 10                           |
|                                                                                   | 1 1/2"       | 467150E                                 | 467150T                                    | \$252.00   | 4671500                                            | \$293.00   | 2                            |
|                                                                                   | 2"           | 467200E                                 | 467200T                                    | \$322.00   | 4672000                                            | \$374.00   | 2                            |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G550**

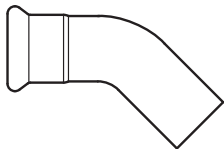
### #471 G-PRESS 316 Stainless Steel 45° Elbow (Press x Press)

|  | Nominal Size | Grade "E"<br>EPDM O-Ring<br>Part Number | Grade "T"<br>Nitrile O-Ring<br>Part Number | List Price | Grade "O"<br>Fluoroelastomer<br>O-Ring Part Number | List Price | Pieces/<br>Bag<br>Quantities |
|-----------------------------------------------------------------------------------|--------------|-----------------------------------------|--------------------------------------------|------------|----------------------------------------------------|------------|------------------------------|
|                                                                                   | 1/2"         | 471050E                                 | 471050T                                    | \$85.00    | 4710500                                            | \$103.50   | 10                           |
|                                                                                   | 3/4"         | 471075E                                 | 471075T                                    | \$94.00    | 4710750                                            | \$116.00   | 10                           |
|                                                                                   | 1"           | 471100E                                 | 471100T                                    | \$112.00   | 4711000                                            | \$139.50   | 10                           |
|                                                                                   | 1 1/2"       | 471150E                                 | 471150T                                    | \$219.50   | 4711500                                            | \$301.00   | 2                            |
|                                                                                   | 2"           | 471200E                                 | 471200T                                    | \$281.00   | 4712000                                            | \$386.00   | 2                            |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G550**

### #470 G-PRESS 316 Stainless Steel 45° Elbow (Press x Fitting)

|  | Nominal Size | Grade "E"<br>EPDM O-Ring<br>Part Number | Grade "T"<br>Nitrile O-Ring<br>Part Number | List Price | Grade "O"<br>Fluoroelastomer<br>O-Ring Part Number | List Price | Pieces/<br>Bag<br>Quantities |
|-------------------------------------------------------------------------------------|--------------|-----------------------------------------|--------------------------------------------|------------|----------------------------------------------------|------------|------------------------------|
|                                                                                     | 1/2"         | 470050E                                 | 470050T                                    | \$85.00    | 4700500                                            | \$94.50    | 20                           |
|                                                                                     | 3/4"         | 470075E                                 | 470075T                                    | \$94.00    | 4700750                                            | \$104.50   | 10                           |
|                                                                                     | 1"           | 470100E                                 | 470100T                                    | \$112.00   | 4701000                                            | \$125.50   | 10                           |
|                                                                                     | 1 1/2"       | 470150E                                 | 470150T                                    | \$219.50   | 4701500                                            | \$260.00   | 2                            |
|                                                                                     | 2"           | 470200E                                 | 470200T                                    | \$281.00   | 4702000                                            | \$333.50   | 2                            |

Orders for items in shaded areas **cannot** be cancelled or returned.

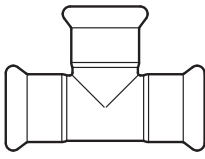
**Technical Data Sheet: G550**

# Tyco Mechanical Products

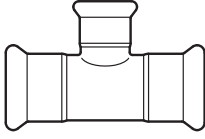
## Section 10 – SS G-PRESS Systems



### #442 G-PRESS 316 Stainless Steel Equal Tee (Press x Press x Press)

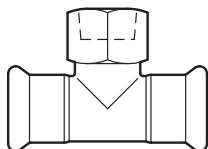
|  | Nominal Size | Grade "E"<br>EPDM O-Ring<br>Part Number | Grade "T"<br>Nitrile O-Ring<br>Part Number | List Price | Grade "O"<br>Fluoroelastomer<br>O-Ring Part Number | List Price | Pieces/<br>Bag<br>Quantities |
|-----------------------------------------------------------------------------------|--------------|-----------------------------------------|--------------------------------------------|------------|----------------------------------------------------|------------|------------------------------|
|                                                                                   | 1/2"         | 442050E                                 | 442050T                                    | \$173.50   | 442050O                                            | \$201.50   | 20                           |
|                                                                                   | 3/4"         | 442075E                                 | 442075T                                    | \$191.50   | 442075O                                            | \$225.00   | 10                           |
|                                                                                   | 1"           | 442100E                                 | 442100T                                    | \$205.00   | 442100O                                            | \$246.50   | 10                           |
|                                                                                   | 1 1/2"       | 442150E                                 | 442150T                                    | \$262.00   | 442150O                                            | \$384.00   | 2                            |
|                                                                                   | 2"           | 442200E                                 | 442200T                                    | \$326.00   | 442200O                                            | \$483.00   | 2                            |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.          |              |                                         |                                            |            |                                                    |            |                              |
| Technical Data Sheet: G550                                                        |              |                                         |                                            |            |                                                    |            |                              |

### #473 G-PRESS 316 Stainless Steel Reducing Tee (Press x Press x Press)

|  | Nominal Size           | Grade "E"<br>EPDM O-Ring<br>Part Number | Grade "T"<br>Nitrile O-Ring<br>Part Number | List Price | Grade "O"<br>Fluoroelastomer<br>O-Ring Part Number | List Price | Pieces/<br>Bag<br>Quantities |
|-----------------------------------------------------------------------------------|------------------------|-----------------------------------------|--------------------------------------------|------------|----------------------------------------------------|------------|------------------------------|
|                                                                                   | 3/4" x 3/4" x 1/2"     | 4737505E                                | 4737505T                                   | \$193.00   | 4737505O                                           | \$225.00   | 10                           |
|                                                                                   | 1" x 1" x 1/2"         | 4731005E                                | 4731005T                                   | \$199.50   | 4731005O                                           | \$236.50   | 10                           |
|                                                                                   | 1" x 1" x 3/4"         | 4731075E                                | 4731075T                                   | \$204.00   | 4731075O                                           | \$243.00   | 10                           |
|                                                                                   | 1 1/2" x 1 1/2" x 1/2" | 4731505E                                | 4731505T                                   | \$240.50   | 4731505O                                           | \$331.00   | 2                            |
|                                                                                   | 1 1/2" x 1 1/2" x 3/4" | 4731575E                                | 4731575T                                   | \$243.00   | 4731575O                                           | \$335.00   | 2                            |
|                                                                                   | 1 1/2" x 1 1/2" x 1"   | 4731510E                                | 4731510T                                   | \$244.00   | 4731510O                                           | \$339.00   | 2                            |
|                                                                                   | 2" x 2" x 1/2"         | 4732005E                                | 4732005T                                   | \$313.00   | 4732005O                                           | \$427.00   | 2                            |
|                                                                                   | 2" x 2" x 3/4"         | 4732075E                                | 4732075T                                   | \$317.50   | 4732075O                                           | \$433.50   | 2                            |
|                                                                                   | 2" x 2" x 1"           | 4732010E                                | 4732010T                                   | \$326.50   | 4732010O                                           | \$445.50   | 2                            |
|                                                                                   | 2" x 2" x 1 1/2"       | 4732015E                                | 4732015T                                   | \$360.00   | 4732015O                                           | \$505.50   | 2                            |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.          |                        |                                         |                                            |            |                                                    |            |                              |
| Technical Data Sheet: G550                                                        |                        |                                         |                                            |            |                                                    |            |                              |



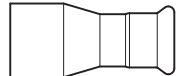
### #478 G-PRESS 316 Stainless Steel Reducing Tee Adapter (Press x Press x Female NPT)

|  | Nominal Size             | Grade "E"<br>EPDM O-Ring<br>Part Number | Grade "T"<br>Nitrile O-Ring<br>Part Number | List Price | Grade "O"<br>Fluoroelastomer<br>O-Ring Part Number | List Price | Pieces/Bag<br>Quantities |
|-----------------------------------------------------------------------------------|--------------------------|-----------------------------------------|--------------------------------------------|------------|----------------------------------------------------|------------|--------------------------|
|                                                                                   |                          |                                         |                                            |            |                                                    |            |                          |
|                                                                                   | 1/2" x 1/2" x 1/2"       | 4780505E                                | 4780505T                                   | \$262.00   | 4780505O                                           | \$280.50   | 20                       |
|                                                                                   | 1/2" x 1/2" x 3/4"       | 4780575E                                | 4780575T                                   | \$314.50   | 4780575O                                           | \$334.50   | 20                       |
|                                                                                   | 3/4" x 3/4" x 1/2"       | 4787505E                                | 4787505T                                   | \$283.50   | 4787505O                                           | \$305.50   | 10                       |
|                                                                                   | 3/4" x 3/4" x 3/4"       | 4787575E                                | 4787575T                                   | \$286.50   | 4787575O                                           | \$308.50   | 10                       |
|                                                                                   | 3/4" x 3/4" x 1"         | 4787510E                                | 4787510T                                   | \$339.00   | 4787510O                                           | \$363.00   | 10                       |
|                                                                                   | 1" x 1" x 1/2"           | 4781015E                                | 4781015T                                   | \$288.50   | 4781015O                                           | \$316.50   | 10                       |
|                                                                                   | 1" x 1" x 3/4"           | 4781075E                                | 4781075T                                   | \$289.50   | 4781075O                                           | \$317.50   | 10                       |
|                                                                                   | 1" x 1" x 1"             | 4781010E                                | 4781010T                                   | \$314.50   | 4781010O                                           | \$342.00   | –                        |
|                                                                                   | 1" x 1" x 1 1/4"         | 4781012E                                | 4781012T                                   | \$339.00   | 4781012O                                           | \$371.00   | 10                       |
|                                                                                   | 1 1/2" x 1 1/2" x 1/2"   | 4781505E                                | 4781505T                                   | \$326.50   | 4781505O                                           | \$408.50   | 4                        |
|                                                                                   | 1 1/2" x 1 1/2" x 3/4"   | 4781575E                                | 4781575T                                   | \$330.50   | 4781575O                                           | \$411.50   | 4                        |
|                                                                                   | 1 1/2" x 1 1/2" x 1"     | 4781510E                                | 4781510T                                   | \$360.50   | 4781510O                                           | \$442.50   | 4                        |
|                                                                                   | 1 1/2" x 1 1/2" x 1 1/2" | 4781515E                                | 4781515T                                   | \$388.00   | 4781515O                                           | \$439.50   | 4                        |
|                                                                                   | 2" x 2" x 1/2"           | 4782005E                                | 4782005T                                   | \$372.50   | 4782005O                                           | \$477.00   | 2                        |
|                                                                                   | 2" x 2" x 3/4"           | 4782075E                                | 4782075T                                   | \$376.00   | 4782075O                                           | \$481.00   | 2                        |
|                                                                                   | 2" x 2" x 1"             | 4782010E                                | 4782010T                                   | \$403.00   | 4782010O                                           | \$507.50   | 2                        |
|                                                                                   | 2" x 2" x 2"             | 4782020E                                | 4782020T                                   | \$538.50   | 4782020O                                           | \$626.00   | 2                        |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G550

### #474 G-PRESS 316 Stainless Steel Reducer (Fitting x Press)

|  | Nominal Size  | Grade "E"<br>EPDM O-Ring<br>Part Number | Grade "T"<br>Nitrile O-Ring<br>Part Number | List Price | Grade "O"<br>Fluoroelastomer<br>O-Ring Part Number | List Price | Pieces/<br>Bag<br>Quantities |
|-------------------------------------------------------------------------------------|---------------|-----------------------------------------|--------------------------------------------|------------|----------------------------------------------------|------------|------------------------------|
|                                                                                     |               |                                         |                                            |            |                                                    |            |                              |
|                                                                                     | 3/4" x 1/2"   | 4747505E                                | 4747505T                                   | \$157.00   | 4747505O                                           | \$177.50   | 10                           |
|                                                                                     | 1" x 1/2"     | 4741005E                                | 4741005T                                   | \$211.00   | 4741005O                                           | \$234.50   | 10                           |
|                                                                                     | 1" x 3/4"     | 4741075E                                | 4741075T                                   | \$167.50   | 4741075O                                           | \$192.50   | 10                           |
|                                                                                     | 1 1/2" x 1/2" | 4741505E                                | 4741505T                                   | \$296.50   | 4741505O                                           | \$346.00   | 4                            |
|                                                                                     | 1 1/2" x 3/4" | 4741575E                                | 4741575T                                   | \$278.00   | 4741575O                                           | \$330.00   | 4                            |
|                                                                                     | 1 1/2" x 1"   | 4741510E                                | 4741510T                                   | \$155.00   | 4741510O                                           | \$209.50   | 4                            |
|                                                                                     | 2" x 1/2"     | 4742005E                                | 4742005T                                   | \$550.00   | 4742005O                                           | \$611.50   | 2                            |
|                                                                                     | 2" x 3/4"     | 4742075E                                | 4742075T                                   | \$248.00   | 4742075O                                           | \$311.50   | 2                            |
|                                                                                     | 2" x 1"       | 4742010E                                | 4742010T                                   | \$191.50   | 4742010O                                           | \$258.00   | 2                            |
|                                                                                     | 2" x 1 1/2"   | 4742015E                                | 4742015T                                   | \$191.50   | 4742015O                                           | \$284.50   | 2                            |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G550

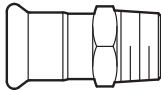
# Tyco Mechanical Products

## Section 10 – SS G-PRESS Systems



# Grinnell

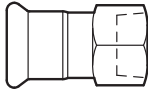
### #476 G-PRESS 316 Stainless Steel Adapter (Press x Male NPT)

|  | Nominal Size    | Grade "E"<br>EPDM O-Ring<br>Part Number | Grade "T"<br>Nitrile O-Ring<br>Part Number | List Price | Grade "O"<br>Fluoroelastomer<br>O-Ring Part Number | List Price | Pieces/Bag<br>Quantities |
|-----------------------------------------------------------------------------------|-----------------|-----------------------------------------|--------------------------------------------|------------|----------------------------------------------------|------------|--------------------------|
|                                                                                   | 1/2" x 1/2"     | 4760505E                                | 4760505T                                   | \$96.00    | 4760505O                                           | \$105.50   | 20                       |
|                                                                                   | 1/2" x 3/4"     | 4760575E                                | 4760575T                                   | \$133.00   | 4760575O                                           | \$144.50   | 20                       |
|                                                                                   | 1/2" x 1"       | 4760510E                                | 4760510T                                   | \$147.00   | 4760510O                                           | \$159.00   | 20                       |
|                                                                                   | 3/4" x 1/2"     | 4767505E                                | 4767505T                                   | \$100.00   | 4767505O                                           | \$109.50   | –                        |
|                                                                                   | 3/4" x 3/4"     | 4767575E                                | 4767575T                                   | \$100.00   | 4767575O                                           | \$111.50   | 20                       |
|                                                                                   | 3/4" x 1"       | 4767510E                                | 4767510T                                   | \$116.00   | 4767510O                                           | \$130.00   | 20                       |
|                                                                                   | 3/4" x 1 1/4"   | 4767512E                                | 4767512T                                   | \$147.00   | 4767512O                                           | \$158.00   | 20                       |
|                                                                                   | 1" x 3/4"       | 4761075E                                | 4761075T                                   | \$118.50   | 4761075O                                           | \$130.00   | –                        |
|                                                                                   | 1" x 1"         | 4761010E                                | 4761010T                                   | \$118.50   | 4761010O                                           | \$132.50   | 10                       |
|                                                                                   | 1" x 1 1/4"     | 4761012E                                | 4761012T                                   | \$147.00   | 4761012O                                           | \$162.50   | 10                       |
|                                                                                   | 1" x 1 1/2"     | 4761015E                                | 4761015T                                   | \$147.00   | 4761015O                                           | \$162.50   | 10                       |
|                                                                                   | 1 1/2" x 3/4"   | 4761575E                                | 4761575T                                   | \$220.50   | 4761575O                                           | \$232.00   | –                        |
|                                                                                   | 1 1/2" x 1"     | 4761510E                                | 4761510T                                   | POA        | 4761510O                                           | POA        | –                        |
|                                                                                   | 1 1/2" x 1 1/4" | 4761512E                                | 4761512T                                   | \$225.50   | 4761512O                                           | \$248.50   | 4                        |
|                                                                                   | 1 1/2" x 1 1/2" | 4761515E                                | 4761515T                                   | \$197.50   | 4761515O                                           | \$262.50   | 4                        |
|                                                                                   | 2" x 1 1/2"     | 4762015E                                | 4762015T                                   | \$328.00   | 4762015O                                           | \$366.50   | 4                        |
|                                                                                   | 2" x 2"         | 4762020E                                | 4762020T                                   | \$243.50   | 4762020O                                           | \$297.50   | 4                        |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G550

### #479 G-PRESS 316 Stainless Steel (Press x Female NPT)

|  | Nominal Size    | Grade "E"<br>EPDM O-Ring<br>Part Number | Grade "T"<br>Nitrile O-Ring<br>Part Number | List Price | Grade "O"<br>Fluoroelastomer<br>O-Ring Part Number | List Price | Pieces/Bag<br>Quantities |
|-------------------------------------------------------------------------------------|-----------------|-----------------------------------------|--------------------------------------------|------------|----------------------------------------------------|------------|--------------------------|
|                                                                                     | 1/2" x 1/2"     | 4790505E                                | 4790505T                                   | \$117.00   | 4790505O                                           | \$126.00   | 20                       |
|                                                                                     | 1/2" x 3/4"     | 4790575E                                | 4790575T                                   | \$168.00   | 4790575O                                           | \$182.50   | 20                       |
|                                                                                     | 1/2" x 1"       | 4790510E                                | 4790510T                                   | \$226.50   | 4790510O                                           | \$268.50   | 20                       |
|                                                                                     | 3/4" x 1/2"     | 4797505E                                | 4797505T                                   | \$117.50   | 4797505O                                           | \$129.00   | –                        |
|                                                                                     | 3/4" x 3/4"     | 4797575E                                | 4797575T                                   | \$120.00   | 4797575O                                           | \$131.50   | 20                       |
|                                                                                     | 3/4" x 1"       | 4797510E                                | 4797510T                                   | \$120.00   | 4797510O                                           | \$130.00   | 20                       |
|                                                                                     | 3/4" x 1 1/4"   | 4797512E                                | 4797512T                                   | \$349.50   | 4797512O                                           | \$380.00   | 20                       |
|                                                                                     | 1" x 1/2"       | 4791005E                                | 4791005T                                   | \$126.50   | 4791005O                                           | \$141.00   | –                        |
|                                                                                     | 1" x 3/4"       | 4791075E                                | 4791075T                                   | \$135.00   | 4791075O                                           | \$149.00   | –                        |
|                                                                                     | 1" x 1"         | 4791010E                                | 4791010T                                   | \$143.50   | 4791010O                                           | \$158.00   | 10                       |
|                                                                                     | 1" x 1 1/4"     | 4791012E                                | 4791012T                                   | \$271.00   | 4791012O                                           | \$294.50   | 10                       |
|                                                                                     | 1" x 1 1/2"     | 4791015E                                | 4791015T                                   | \$271.00   | 4791015O                                           | \$294.50   | 10                       |
|                                                                                     | 1 1/2" x 1"     | 4791510E                                | 4791510T                                   | \$226.50   | 4791510O                                           | \$268.50   | –                        |
|                                                                                     | 1 1/2" x 1 1/4" | 4791512E                                | 4791512T                                   | POA        | 4791512O                                           | POA        | –                        |
|                                                                                     | 1 1/2" x 1 1/2" | 4791515E                                | 4791515T                                   | \$284.50   | 4791515O                                           | \$326.00   | 4                        |
|                                                                                     | 1 1/2" x 2"     | 4791520E                                | 4791520T                                   | \$336.00   | 4791520O                                           | \$369.00   | 4                        |
|                                                                                     | 2" x 1 1/4"     | 4792012E                                | 4792012T                                   | \$332.50   | 4792012O                                           | POA        | –                        |
|                                                                                     | 2" x 1 1/2"     | 4792015E                                | 4792015T                                   | \$280.50   | 4792015O                                           | \$334.50   | 4                        |
|                                                                                     | 2" x 2"         | 4792020E                                | 4792020T                                   | \$308.50   | 4792020O                                           | \$363.00   | 4                        |

Orders for items in shaded areas **cannot** be cancelled or returned.

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### #484 G-PRESS 316 Stainless Steel End Cap (Press)

|  | Nominal Size | Grade "E"<br>EPDM O-Ring<br>Part Number | Grade "T"<br>Nitrile O-Ring<br>Part Number | List Price | Grade "O"<br>Fluoroelastomer<br>O-Ring Part Number | List Price | Pieces/Bag<br>Quantities |
|-----------------------------------------------------------------------------------|--------------|-----------------------------------------|--------------------------------------------|------------|----------------------------------------------------|------------|--------------------------|
|                                                                                   | 1/2"         | 484050E                                 | 484050T                                    | \$119.50   | 484050O                                            | \$128.50   | 10                       |
|                                                                                   | 3/4"         | 484075E                                 | 484075T                                    | \$132.50   | 484075O                                            | \$141.50   | 10                       |
|                                                                                   | 1"           | 484100E                                 | 484100T                                    | \$141.00   | 484100O                                            | \$157.00   | 10                       |
|                                                                                   | 1 1/2"       | 484150E                                 | 484150T                                    | \$180.50   | 484150O                                            | \$265.00   | 4                        |
|                                                                                   | 2"           | 484200E                                 | 484200T                                    | \$225.00   | 484200O                                            | \$308.00   | 4                        |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G550

### #461 G-PRESS 316 Stainless Steel Weld Adaptor (Fitting x Weld)

|  | Nominal Size | Grade "E"<br>EPDM O-Ring<br>Part Number | Grade "T"<br>Nitrile O-Ring<br>Part Number | List Price | Grade "O"<br>Fluoroelastomer<br>O-Ring Part Number | List Price | Pieces/Bag<br>Quantities |
|-----------------------------------------------------------------------------------|--------------|-----------------------------------------|--------------------------------------------|------------|----------------------------------------------------|------------|--------------------------|
|                                                                                   | 1/2"         | 461050E                                 | 461050T                                    | \$93.50    | 461050O                                            | \$102.00   | –                        |
|                                                                                   | 3/4"         | 461075E                                 | 461075T                                    | \$96.50    | 461075O                                            | \$107.00   | –                        |
|                                                                                   | 1"           | 461100E                                 | 461100T                                    | \$114.50   | 461100O                                            | \$127.50   | –                        |
|                                                                                   | 1 1/2"       | 461150E                                 | 461150T                                    | \$199.50   | 461150O                                            | \$238.00   | –                        |
|                                                                                   | 2"           | 461200E                                 | 461200T                                    | \$235.50   | 461200O                                            | \$285.00   | –                        |

Orders for items in shaded areas **cannot** be cancelled or returned.

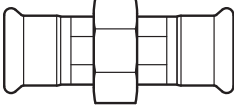
Technical Data Sheet: G550

### #477 G-PRESS 316 Stainless Steel Transition Nipple (Groove x Fitting)

|  | Nominal Size | Part Number | List Price | Pieces/Bag<br>Quantities |
|-------------------------------------------------------------------------------------|--------------|-------------|------------|--------------------------|
|                                                                                     | 3/4"         | 477075      | \$130.50   | –                        |
|                                                                                     | 1"           | 477100      | \$134.50   | –                        |
|                                                                                     | 1 1/2"       | 477150      | \$168.50   | –                        |
|                                                                                     | 2"           | 477200      | \$176.50   | –                        |

Technical Data Sheet: G550

### #485 G-PRESS 316 Stainless Steel Union (Press x Press)

|  | Nominal Size | Grade "E"<br>EPDM O-Ring<br>Part Number | Grade "T"<br>Nitrile O-Ring<br>Part Number | List Price | Grade "O"<br>Fluoroelastomer<br>O-Ring Part Number | List Price | Pieces/Bag<br>Quantities |
|-------------------------------------------------------------------------------------|--------------|-----------------------------------------|--------------------------------------------|------------|----------------------------------------------------|------------|--------------------------|
|                                                                                     | 1/2"         | 485050E                                 | 485050T                                    | \$580.50   | 485050O                                            | \$599.00   | 10                       |
|                                                                                     | 3/4"         | 485075E                                 | 485075T                                    | \$659.00   | 485075O                                            | \$681.50   | 10                       |
|                                                                                     | 1"           | 485100E                                 | 485100T                                    | \$802.00   | 485100O                                            | \$830.50   | 4                        |
|                                                                                     | 1 1/2"       | 485150E                                 | 485150T                                    | \$1,371.00 | 485150O                                            | \$1,452.00 | 2                        |
|                                                                                     | 2"           | 485200E                                 | 485200T                                    | \$1,690.00 | 485200O                                            | \$1,795.00 | 2                        |

Orders for items in shaded areas **cannot** be cancelled or returned.

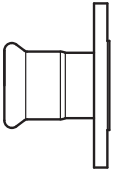
Technical Data Sheet: G550

# Tyco Mechanical Products

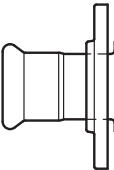
## Section 10 – SS G-PRESS Systems



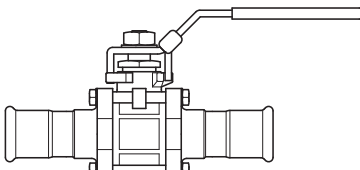
### #475 G-PRESS 316 Stainless Steel Flange Adapter (Press x Flange)

|  | Nominal Size | Grade "E"<br>EPDM O-Ring<br>Part Number | Grade "T"<br>Nitrile O-Ring<br>Part Number | List Price | Grade "O"<br>Fluoroelastomer<br>O-Ring Part Number | List Price | Pieces/Bag<br>Quantities |
|-----------------------------------------------------------------------------------|--------------|-----------------------------------------|--------------------------------------------|------------|----------------------------------------------------|------------|--------------------------|
|                                                                                   | 1/2"         | 475050E                                 | 475050T                                    | \$706.50   | 4750500                                            | \$716.50   | 1                        |
|                                                                                   | 3/4"         | 475075E                                 | 475075T                                    | \$727.50   | 4750750                                            | \$738.50   | 1                        |
|                                                                                   | 1"           | 475100E                                 | 475100T                                    | \$738.50   | 4751000                                            | \$753.00   | 1                        |
|                                                                                   | 1 1/2"       | 475150E                                 | 475150T                                    | \$900.00   | 4751500                                            | \$941.00   | 1                        |
|                                                                                   | 2"           | 475200E                                 | 475200T                                    | \$1,002.00 | 4752000                                            | \$1,054.00 | 1                        |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.          |              |                                         |                                            |            |                                                    |            |                          |
| Technical Data Sheet: G550                                                        |              |                                         |                                            |            |                                                    |            |                          |

### #466 G-PRESS 316 Stainless Steel Flange Adapter Van Stone (Press x Flange)

|  | Nominal Size | Grade "E"<br>EPDM O-Ring<br>Part Number | Grade "T"<br>Nitrile O-Ring<br>Part Number | List Price | Grade "O"<br>Fluoroelastomer<br>O-Ring Part Number | List Price | Pieces/Bag<br>Quantities |
|-----------------------------------------------------------------------------------|--------------|-----------------------------------------|--------------------------------------------|------------|----------------------------------------------------|------------|--------------------------|
|                                                                                   | 1/2"         | 466050E                                 | 466050T                                    | \$247.00   | 4660500                                            | \$257.00   | 1                        |
|                                                                                   | 3/4"         | 466075E                                 | 466075T                                    | \$247.00   | 4660750                                            | \$258.50   | 1                        |
|                                                                                   | 1"           | 466100E                                 | 466100T                                    | \$333.00   | 4661000                                            | \$347.00   | 1                        |
|                                                                                   | 1 1/2"       | 466150E                                 | 466150T                                    | \$366.50   | 4661500                                            | \$407.50   | 1                        |
|                                                                                   | 2"           | 466200E                                 | 466200T                                    | \$393.00   | 4662000                                            | \$445.50   | 1                        |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.          |              |                                         |                                            |            |                                                    |            |                          |
| Technical Data Sheet: G550                                                        |              |                                         |                                            |            |                                                    |            |                          |

### #469 G-PRESS Stainless Steel Ball Valve (Press x Press)

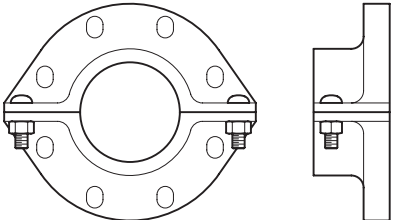
|  | Nominal Size | Grade "E"<br>EPDM O-Ring<br>Part Number | Grade "T"<br>Nitrile O-Ring<br>Part Number | List Price | Grade "O"<br>Fluoroelastomer<br>O-Ring Part Number | List Price | Pieces/<br>Bag<br>Quantities |
|-------------------------------------------------------------------------------------|--------------|-----------------------------------------|--------------------------------------------|------------|----------------------------------------------------|------------|------------------------------|
|                                                                                     | 1/2"         | 469050E                                 | 469050T                                    | \$302.50   | 4690500                                            | \$321.00   | 1                            |
|                                                                                     | 3/4"         | 469075E                                 | 469075T                                    | \$333.00   | 4690750                                            | \$355.00   | 1                            |
|                                                                                     | 1"           | 469100E                                 | 469100T                                    | \$398.50   | 4691000                                            | \$426.50   | 1                            |
|                                                                                     | 1 1/2"       | 469150E                                 | 469150T                                    | \$558.50   | 4691500                                            | \$640.00   | 1                            |
|                                                                                     | 2"           | 469200E                                 | 469200T                                    | \$683.50   | 4692000                                            | \$788.00   | 1                            |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.            |              |                                         |                                            |            |                                                    |            |                              |
| Technical Data Sheet: G551                                                          |              |                                         |                                            |            |                                                    |            |                              |

### G-PRESS Stainless Steel O-Rings

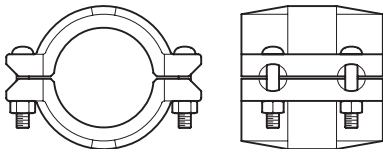
|  | Nominal Size | Grade "E"<br>EPDM O-Ring<br>Part Number | Grade "T"<br>Nitrile O-Ring<br>Part Number | List Price | Grade "O"<br>Fluoroelastomer<br>O-Ring Part Number | List Price | Pieces/Bag<br>Quantities |
|-------------------------------------------------------------------------------------|--------------|-----------------------------------------|--------------------------------------------|------------|----------------------------------------------------|------------|--------------------------|
|                                                                                     | 1/2"         | 05SSPRESSE                              | 05SSPRESST                                 | \$8.00     | 05SSPRESSO                                         | \$24.00    | –                        |
|                                                                                     | 3/4"         | 08SSPRESSE                              | 08SSPRESST                                 | \$8.50     | 08SSPRESSO                                         | \$26.50    | –                        |
|                                                                                     | 1"           | 10SSPRESSE                              | 10SSPRESST                                 | \$10.50    | 10SSPRESSO                                         | \$30.50    | –                        |
|                                                                                     | 1 1/2"       | 15SSPRESSE                              | 15SSPRESST                                 | \$13.50    | 15SSPRESSO                                         | \$61.00    | –                        |
|                                                                                     | 2"           | 20SSPRESSE                              | 20SSPRESST                                 | \$19.50    | 20SSPRESSO                                         | \$80.50    | –                        |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.            |              |                                         |                                            |            |                                                    |            |                          |
| Technical Data Sheet: G550                                                          |              |                                         |                                            |            |                                                    |            |                          |

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**#9094 HDPE Flange Coupling  
with Grade “E” EPDM Gasket**

|  | Nominal Size | Part Number | List Price |
|-----------------------------------------------------------------------------------|--------------|-------------|------------|
|                                                                                   | 4"           | 909440ES    | \$694.00   |
|                                                                                   | 6"           | 909460ES    | \$976.00   |
|                                                                                   | 8"           | 909480ES    | \$1,142.50 |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.          |              |             |            |
| Technical Data Sheet: G584                                                        |              |             |            |

**#9095 HDPE Coupling  
with Grade “E” EPDM Gasket**

|  | Nominal Size | Part Number | List Price |
|------------------------------------------------------------------------------------|--------------|-------------|------------|
|                                                                                    | 2"           | 909520ES    | \$454.50   |
|                                                                                    | 3"           | 909530ES    | \$541.50   |
|                                                                                    | 4"           | 909540ES    | \$595.00   |
|                                                                                    | 6"           | 909560ES    | \$827.00   |
|                                                                                    | 8"           | 909580ES    | \$969.00   |
|                                                                                    | 10"          | 909510ES    | \$1,114.50 |
|                                                                                    | 12"          | 909512ES    | \$1,283.50 |
|                                                                                    | 14"          | 909514ES    | \$3,627.00 |
|                                                                                    | 16"          | 909516ES    | \$4,839.50 |
|                                                                                    | 18"          | 909518ES    | \$5,930.00 |
|                                                                                    | 20"          | 909521ES    | \$8,052.00 |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.           |              |             |            |
| Technical Data Sheet: G580                                                         |              |             |            |

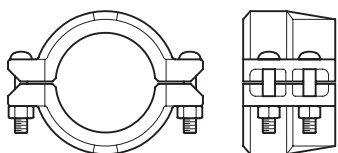
# Tyco Mechanical Products

## Section 11 – HDPE Systems



# Grinnell

### #9097 HDPE Transition Coupling



*Nominal  
Size*

*Part Number*

*List Price*

2"

**909720ES**

\$489.50

3"

**909730ES**

\$572.50

4"

**909740ES**

\$668.50

6"

**909760ES**

\$918.00

8"

**909780ES**

\$1,056.50

10"

**909710ES**

\$1,457.00

12"

**909712ES**

\$1,666.00

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G582**

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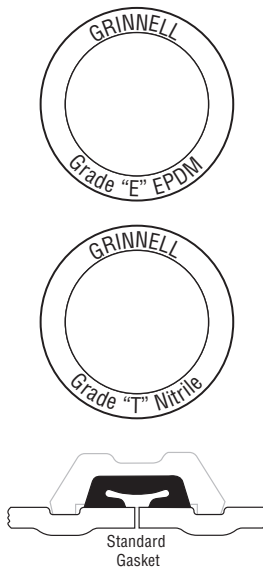
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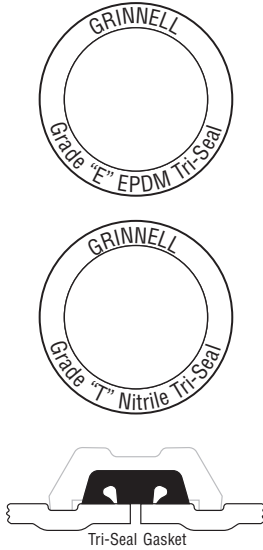
### Replacement Gaskets – EPDM “E” Gaskets, Nitrile “T” Gaskets For #772, #770, #705, #707

|  | Nominal<br>Size | Part No.<br>“E” EPDM | Part No.<br>“T” Nitrile | List Price |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------|-------------------------|------------|
|                                                                                                                                                                                               | 1"              | 01EPDME              | 01NITRILS               | \$37.00    |
|                                                                                                                                                                                               | 1 1/4"          | 13EPDME              | 13NITRILS               | \$39.50    |
|                                                                                                                                                                                               | 1 1/2"          | 15EPDME              | 15NITRILS               | \$41.50    |
|                                                                                                                                                                                               | 2"              | 20EPDME              | 20NITRILS               | \$40.00    |
|                                                                                                                                                                                               | 2 1/2"          | 25EPDME              | 25NITRILS               | \$49.00    |
|                                                                                                                                                                                               | 3"              | 30EPDME              | 30NITRILS               | \$51.00    |
|                                                                                                                                                                                               | 4"              | 40EPDME              | 40NITRILS               | \$63.50    |
|                                                                                                                                                                                               | 5"              | 50EPDME              | 50NITRILS               | \$81.00    |
|                                                                                                                                                                                               | 6"              | 60EPDME              | 60NITRILS               | \$86.50    |
|                                                                                                                                                                                               | 8"              | 80EPDME              | 80NITRILS               | \$123.50   |
|                                                                                                                                                                                               | 10"             | 10EPDME              | 10NITRILS               | \$154.50   |
|                                                                                                                                                                                               | 12"             | 12EPDME              | 12NITRILS               | \$180.00   |
|                                                                                                                                                                                               | 14"             | 14EPDME              | 14NITRILS               | \$273.50   |
|                                                                                                                                                                                               | 16"             | 16EPDME              | 16NITRILS               | \$377.00   |
|                                                                                                                                                                                               | 18"             | 18EPDME              | 18NITRILS               | \$453.00   |
|                                                                                                                                                                                               | 20"             | 21EPDME              | 21NITRILS               | \$695.50   |
|                                                                                                                                                                                               | 24"             | 24EPDME              | 24NITRILS               | \$962.50   |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G610**

### Replacement Tri-Seal Gaskets – EPDM “E” Gaskets, Nitrile “T” Gaskets For #772, #770, #705, #707

|  | Nominal<br>Size | Part No.<br>“E” EPDM | Part No.<br>“T” Nitrile | List Price |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------|-------------------------|------------|
|                                                                                                                                                                                                             | 1 1/4"          | 13EPDME3             | 13NITRILS3              | \$73.00    |
|                                                                                                                                                                                                             | 1 1/2"          | 15EPDME3             | 15NITRILS3              | \$74.00    |
|                                                                                                                                                                                                             | 2"              | 20EPDME3             | 20NITRILS3              | \$76.00    |
|                                                                                                                                                                                                             | 2 1/2"          | 25EPDME3             | 25NITRILS3              | \$88.00    |
|                                                                                                                                                                                                             | 3"              | 30EPDME3             | 30NITRILS3              | \$88.00    |
|                                                                                                                                                                                                             | 4"              | 40EPDME3             | 40NITRILS3              | \$123.50   |
|                                                                                                                                                                                                             | 5"              | 50EPDME3             | 50NITRILS3              | \$210.00   |
|                                                                                                                                                                                                             | 6"              | 60EPDME3             | 60NITRILS3              | \$211.50   |
|                                                                                                                                                                                                             | 8"              | 80EPDME3             | 80NITRILS3              | \$229.50   |
|                                                                                                                                                                                                             | 10"             | 10EPDME3             | 10NITRILS3              | \$296.00   |
|                                                                                                                                                                                                             | 12"             | 12EPDME3             | 12NITRILS3              | \$352.00   |
|                                                                                                                                                                                                             | 14"             | 14EPDME3             | 14NITRILS3              | \$407.00   |
|                                                                                                                                                                                                             | 16"             | 16EPDME3             | 16NITRILS3              | \$561.50   |
|                                                                                                                                                                                                             | 18"             | 18EPDME3             | 18NITRILS3              | \$676.50   |
|                                                                                                                                                                                                             | 20"             | 21EPDME3             | 21NITRILS3              | \$1,038.50 |
|                                                                                                                                                                                                             | 24"             | 24EPDME3             | 24NITRILS3              | \$1,432.00 |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G610**

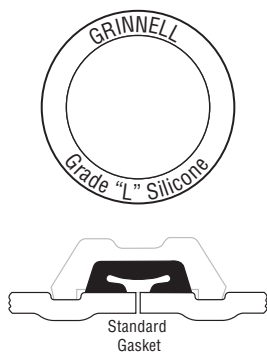
# Tyco Mechanical Products

## Section 12 – Gaskets & Spare Parts



# Grinnell

### Replacement Gaskets Grade "L" Silicone Gasket For #772, #770, #705, #707

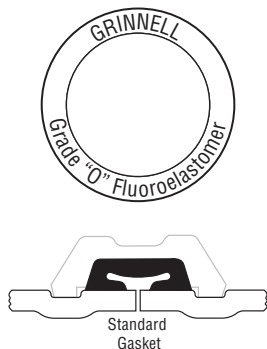


| Nominal Size | Part Number | List Price |
|--------------|-------------|------------|
| 1 1/4"       | 13SILICONE  | \$184.00   |
| 1 1/2"       | 15SILICONE  | \$192.50   |
| 2"           | 20SILICONE  | \$119.00   |
| 2 1/2"       | 25SILICONE  | \$138.00   |
| 3"           | 30SILICONE  | \$149.00   |
| 4"           | 40SILICONE  | \$216.50   |
| 5"           | 50SILICONE  | \$423.50   |
| 6"           | 60SILICONE  | \$464.50   |
| 8"           | 80SILICONE  | \$518.50   |
| 10"          | 10SILICONE  | \$673.50   |
| 12"          | 12SILICONE  | \$795.00   |
| 14"          | 14SILICONE  | \$1,215.50 |
| 16"          | 16SILICONE  | \$1,556.00 |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G610

### Replacement Gaskets Grade "O" Fluoroelastomer Gasket For #772, #770, #705, #707



| Nominal Size | Part Number | List Price |
|--------------|-------------|------------|
| 1 1/4"       | 13FLUORO    | \$409.50   |
| 1 1/2"       | 15FLUORO    | \$432.00   |
| 2"           | 20FLUORO    | \$354.00   |
| 2 1/2"       | 25FLUORO    | \$400.00   |
| 3"           | 30FLUORO    | \$441.50   |
| 4"           | 40FLUORO    | \$723.00   |
| 5"           | 50FLUORO    | \$775.00   |
| 6"           | 60FLUORO    | \$949.50   |
| 8"           | 80FLUORO    | \$1,086.00 |
| 10"          | 10FLUORO    | \$1,415.00 |
| 12"          | 12FLUORO    | \$2,094.50 |
| 14"          | 14FLUORO    | POA        |
| 16"          | 16FLUORO    | POA        |
| 18"          | 18FLUORO    | POA        |
| 20"          | 21FLUORO    | POA        |
| 24"          | 24FLUORO    | POA        |

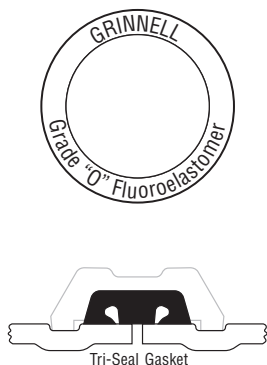
Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G610

Introduction  
Couplings & Fittings  
Mechanical Tees  
Valves  
Circuit Balancing Valves  
Accessories  
Copper Systems  
Stainless Steel Systems  
Plain End Systems  
Stainless Steel G-PRESS  
HDPE Systems  
Gaskets & Spare Parts  
Preparation Equipment  
Miscellaneous  
Indices



### Replacement Tri-Seal Gaskets Grade "O" Fluoroelastomer Gasket For #772, #770, #705, #707



| Nominal Size | Part Number | List Price |
|--------------|-------------|------------|
| 1"           | 01FLUOR03   | \$468.50   |
| 1 1/4"       | 13FLUOR03   | \$980.50   |
| 1 1/2"       | 15FLUOR03   | \$595.00   |
| 2"           | 20FLUOR03   | \$432.50   |
| 2 1/2"       | 25FLUOR03   | POA        |
| 3"           | 30FLUOR03   | POA        |
| 4"           | 40FLUOR03   | POA        |
| 5"           | 50FLUOR03   | POA        |
| 6"           | 60FLUOR03   | \$1,196.50 |
| 8"           | 80FLUOR03   | \$1,923.50 |
| 10"          | 10FLUOR03   | \$2,078.50 |
| 12"          | 12FLUOR03   | \$2,451.00 |
| 14"          | 14FLUOR03   | POA        |
| 16"          | 16FLUOR03   | POA        |
| 18"          | 18FLUOR03   | POA        |
| 20"          | 21FLUOR03   | POA        |
| 24"          | 24FLUOR03   | POA        |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G610**

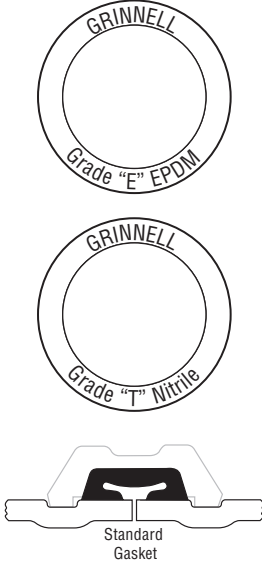
# Tyco Mechanical Products

## Section 12 – Gaskets & Spare Parts

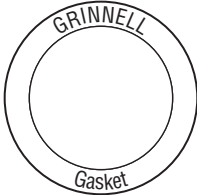


# Grinnell

### Replacement Gaskets EPDM “E” Gaskets, Grade “T” Nitrile For # 716 Reducing Coupling

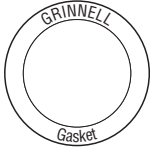
|  | Nominal Size | Part No.<br>“E” EPDM | Part No.<br>“T” Nitrile | List Price |
|-----------------------------------------------------------------------------------|--------------|----------------------|-------------------------|------------|
|                                                                                   | 2" x 1 1/2"  | 2015EPDME            | 2015NITRILS             | \$39.50    |
|                                                                                   | 2 1/2" x 2"  | 2520EPDME            | 2520NITRILS             | \$50.50    |
|                                                                                   | 3" x 2"      | 3020EPDME            | 3020NITRILS             | \$57.50    |
|                                                                                   | 3" x 2 1/2"  | 3025EPDME            | 3025NITRILS             | \$57.50    |
|                                                                                   | 4" x 2"      | 4020EPDME            | 4020NITRILS             | \$66.50    |
|                                                                                   | 4" x 2 1/2"  | 4025EPDME            | 4025NITRILS             | \$67.00    |
|                                                                                   | 4" x 3"      | 4030EPDME            | 4030NITRILS             | \$69.00    |
|                                                                                   | 5" x 4"      | 5040EPDME            | 5040NITRILS             | \$80.50    |
|                                                                                   | 6" x 4"      | 6040EPDME            | 6040NITRILS             | \$91.00    |
|                                                                                   | 6" x 5"      | 6050EPDME            | 6050NITRILS             | \$99.50    |
|                                                                                   | 8" x 6"      | 8060EPDME            | 8060NITRILS             | \$110.00   |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.          |              |                      |                         |            |
| Technical Data Sheet: G610                                                        |              |                      |                         |            |

### Replacement Gaskets EPDM “E” Gaskets, Grade “T” Nitrile For #780 Snap Coupling

|  | Nominal Size | Grade<br>“E” EPDM | Grade<br>“T” Nitrile | List Price |
|-------------------------------------------------------------------------------------|--------------|-------------------|----------------------|------------|
|                                                                                     | 1"           | 78001EPDME        | 78001NITRILS         | \$37.00    |
|                                                                                     | 1 1/4"       | 78013EPDME        | 78013NITRILS         | \$39.50    |
|                                                                                     | 1 1/2"       | 78015EPDME        | 78015NITRILS         | \$41.50    |
|                                                                                     | 2"           | 78020EPDME        | 78020NITRILS         | \$40.00    |
|                                                                                     | 2 1/2"       | 78025EPDME        | 78025NITRILS         | \$49.00    |
|                                                                                     | 3"           | 78030EPDME        | 78030NITRILS         | \$52.00    |
|                                                                                     | 4"           | 78040EPDME        | 78040NITRILS         | \$65.50    |
|                                                                                     | 5"           | 78050EPDME        | 78050NITRILS         | \$84.00    |
|                                                                                     | 6"           | 78060EPDME        | 78060NITRILS         | \$90.50    |
|                                                                                     | 8"           | 78080EPDME        | 78080NITRILS         | \$123.50   |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.            |              |                   |                      |            |
| Technical Data Sheet: G610                                                          |              |                   |                      |            |



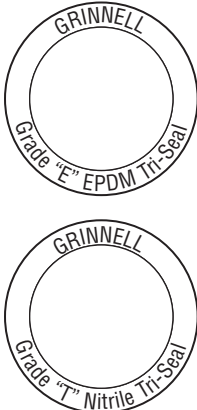
### #71H Hinged Flange Adapter Replacement “E” EPDM Gasket, “T” Nitrile Gasket & “O” Fluoroelastomer Gasket

|  | Nominal Size | Part No.<br>“E” EPDM | Part No.<br>“T” Nitrile | List Price | Grade “O”<br>Fluoroelastomer | List Price |
|-----------------------------------------------------------------------------------|--------------|----------------------|-------------------------|------------|------------------------------|------------|
|                                                                                   | 2"           | 71H20EPDME           | 71H20NITRILS            | \$33.50    | 71H20FLUORO                  | POA        |
|                                                                                   | 2½"          | 71H25EPDME           | 71H25NITRILS            | \$40.00    | 71H25FLUORO                  | POA        |
|                                                                                   | 3"           | 71H30EPDME           | 71H30NITRILS            | \$42.50    | 71H30FLUORO                  | POA        |
|                                                                                   | 4"           | 71H40EPDME           | 71H40NITRILS            | \$55.00    | 71H40FLUORO                  | POA        |
|                                                                                   | 5"           | 71H50EPDME           | 71H50NITRILS            | \$66.50    | 71H50FLUORO                  | POA        |
|                                                                                   | 6"           | 7160EPDMEP           | 7160NITRILSP            | \$74.00    | 7160FLUOROP                  | POA        |
|                                                                                   | 8"           | 7180EPDMEP           | 7180NITRILSP            | \$99.50    | 7180FLUOROP                  | POA        |
|                                                                                   | 10"          | 7110EPDMEP           | 7110NITRILSP            | \$126.00   | 7110FLUOROP                  | POA        |
|                                                                                   | 12"          | 7112EPDMEP           | 7112NITRILSP            | \$146.50   | 7112FLUOROP                  | POA        |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G155

### #71 Flange Adapter Replacement “E” EPDM Gasket, “T” Nitrile Gasket

|  | Nominal Size | Part No.<br>“E” EPDM | Part No.<br>“T” Nitrile | List Price |
|------------------------------------------------------------------------------------|--------------|----------------------|-------------------------|------------|
|                                                                                    | 2"           | 7120EPDME            | 7120NITRILS             | \$33.50    |
|                                                                                    | 2½"          | 7125EPDME            | 7125NITRILS             | \$40.00    |
|                                                                                    | 3"           | 7130EPDME            | 7130NITRILS             | \$42.50    |
|                                                                                    | 4"           | 7140EPDME            | 7140NITRILS             | \$55.00    |
|                                                                                    | 5"           | 7150EPDME            | 7150NITRILS             | \$66.50    |
|                                                                                    | 6"           | 7160EPDME            | 7160NITRILS             | \$74.00    |
|                                                                                    | 8"           | 7180EPDME            | 7180NITRILS             | \$99.50    |
|                                                                                    | 10"          | 7110EPDME            | 7110NITRILS             | \$126.00   |
|                                                                                    | 12"          | 7112EPDME            | 7112NITRILS             | \$146.50   |
|                                                                                    | 14"          | 7114EPDME            | 7114NITRILS             | \$181.00   |
|                                                                                    | 16"          | 7116EPDME            | 7116NITRILS             | \$200.50   |
|                                                                                    | 18"          | 7118EPDME            | 7118NITRILS             | \$292.50   |
|                                                                                    | 20"          | 7121EPDME            | 7121NITRILS             | \$315.50   |
|                                                                                    | 24"          | 7124EPDME            | 7124NITRILS             | \$350.00   |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G610

### #71 Flange Washer Adapter, Carbon Steel or Stainless Steel

|  | Nominal Size | Carbon Steel |            | Stainless Steel |            |
|-------------------------------------------------------------------------------------|--------------|--------------|------------|-----------------|------------|
|                                                                                     |              | Part Number  | List Price | Part Number     | List Price |
|                                                                                     | 2"           | 7120FWC      | \$106.00   | 7120FW          | POA        |
|                                                                                     | 2½"          | 7125FWC      | \$111.50   | 7125FW          | POA        |
|                                                                                     | 3"           | 7130FWC      | \$130.50   | 7130FW          | POA        |
|                                                                                     | 4"           | 7140FWC      | \$151.50   | 7140FW          | POA        |
|                                                                                     | 5"           | 7150FWC      | \$183.00   | 7150FW          | POA        |
|                                                                                     | 6"           | 7160FWC      | \$209.00   | 7160FW          | POA        |
|                                                                                     | 8"           | 7180FWC      | \$263.50   | 7180FW          | POA        |
|                                                                                     | 10"          | 7110FWC      | \$364.50   | 7110FW          | POA        |
|                                                                                     | 12"          | 7112FWC      | \$532.50   | 7112FW          | POA        |
|                                                                                     | 14"          | 7114FWC      | \$580.00   | –               | –          |
|                                                                                     | 16"          | 7116FWC      | \$1,030.00 | –               | –          |
|                                                                                     | 18"          | 7118FWC      | \$1,098.50 | –               | –          |
|                                                                                     | 20"          | 7121FWC      | POA        | –               | –          |
|                                                                                     | 24"          | 7124FWC      | POA        | –               | –          |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G610

See latest catalog or technical data sheets for specific approvals, listings, and design parameters.  
POA = Price on availability. Prices subject to change without notice.

Customer Service: (800) 558-5236

[www.grinnell.com](http://www.grinnell.com)

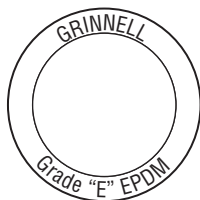
# Tyco Mechanical Products

## Section 12 – Gaskets & Spare Parts



# Grinnell

### #730 Replacement "E" EPDM Gasket



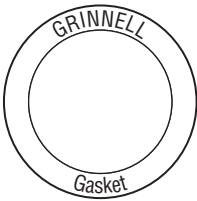
| <i>Nominal Size</i> | <i>"E" EPDM Gasket</i> | <i>"T" Nitrile Gasket</i> | <i>List Price</i> |
|---------------------|------------------------|---------------------------|-------------------|
| 2" x 1/2"           | 730EGS-1               | 730TGS-1                  | \$17.50           |
| 2" x 3/4"           | 730EGS-1               | 730TGS-1                  | \$17.50           |
| 2" x 1"             | 730EGS-1               | 730TGS-1                  | \$17.50           |
| 2" x 1 1/4"         | 730EGS-2               | 730TGS-2                  | \$20.50           |
| 2" x 1 1/2"         | 730EGS-2               | 730TGS-2                  | \$20.50           |
| 2 1/2" x 1/2"       | 730EGS-1               | 730TGS-1                  | \$17.50           |
| 2 1/2" x 3/4"       | 730EGS-1               | 730TGS-1                  | \$17.50           |
| 2 1/2" x 1"         | 730EGS-1               | 730TGS-1                  | \$17.50           |
| 2 1/2" x 1 1/4"     | 730EGS-3               | 730TGS-3                  | \$20.50           |
| 2 1/2" x 1 1/2"     | 730EGS-3               | 730TGS-3                  | \$20.50           |
| 2 1/2" x 2"         | 730EGS-3               | 730TGS-3                  | \$20.50           |
| 3" x 1/2"           | 730EGS-1               | 730TGS-1                  | \$17.50           |
| 3" x 3/4"           | 730EGS-1               | 730TGS-1                  | \$17.50           |
| 3" x 1"             | 730EGS-1               | 730TGS-1                  | \$17.50           |
| 3" x 1 1/4"         | 730EGS-2               | 730TGS-2                  | \$20.50           |
| 3" x 1 1/2"         | 730EGS-3               | 730TGS-3                  | \$20.50           |
| 3" x 2"             | 730EGS-4               | 730TGS-4                  | \$20.50           |
| 4" x 1/2"           | 730EGS-1               | 730TGS-1                  | \$17.50           |
| 4" x 3/4"           | 730EGS-1               | 730TGS-1                  | \$17.50           |
| 4" x 1"             | 730EGS-1               | 730TGS-1                  | \$17.50           |
| 4" x 1 1/4"         | 730EGS-2               | 730TGS-2                  | \$20.50           |
| 4" x 1 1/2"         | 730EGS-3               | 730TGS-3                  | \$20.50           |
| 4" x 2"             | 730EGS-4               | 730TGS-4                  | \$20.50           |
| 4" x 2 1/2"         | 730EGS-5               | 730TGS-5                  | \$23.00           |
| 4" x 3"             | 730EGS-7               | 730TGS-7                  | \$25.50           |
| 5" x 1 1/2"         | 730EGS-3               | 730TGS-3                  | \$20.50           |
| 5" x 2"             | 730EGS-4               | 730TGS-4                  | \$20.50           |
| 5" x 2 1/2"         | 730EGS-5               | 730TGS-5                  | \$23.00           |
| 5" x 3"             | 730EGS-7               | 730TGS-7                  | \$25.50           |
| 6" x 1 1/4"         | 730EGS-3               | 730TGS-3                  | \$20.50           |
| 6" x 1 1/2"         | 730EGS-3               | 730TGS-3                  | \$20.50           |
| 6" x 2"             | 730EGS-4               | 730TGS-4                  | \$20.50           |
| 6" x 2 1/2"         | 730EGS-6               | 730TGS-6                  | \$23.00           |
| 6" x 3"             | 730EGS-8               | 730TGS-8                  | \$25.50           |
| 6" x 4"             | 730EGS-9               | 730TGS-9                  | \$33.50           |
| 8" x 2 1/2"         | 730EGS-6               | 730TGS-6                  | \$23.00           |
| 8" x 3"             | 730EGS-8               | 730TGS-8                  | \$25.50           |
| 8" x 4"             | 730EGS-9               | 730TGS-9                  | \$33.50           |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G610**

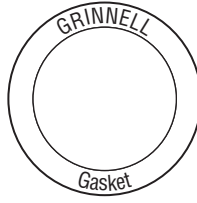
|                          |
|--------------------------|
| Introduction             |
| Couplings & Fittings     |
| Mechanical Tees          |
| Valves                   |
| Circuit Balancing Valves |
| Accessories              |
| Copper Systems           |
| Stainless Steel Systems  |
| Plain End Systems        |
| Stainless Steel G-PRESS  |
| HDPE Systems             |
| Gaskets & Spare Parts    |
| Preparation Equipment    |
| Miscellaneous            |
| Indices                  |

**Replacement Gaskets**  
**EPDM “E” Gaskets, Nitrile “T” Gaskets For #702 Outlet Coupling**

|  | <i>Nominal Size</i> | <i>Grade “E” EPDM Part No.</i> | <i>Grade “T” Nitrile Part No.</i> | <i>List Price</i> |
|-----------------------------------------------------------------------------------|---------------------|--------------------------------|-----------------------------------|-------------------|
|                                                                                   | 1½" x ½"            | 7021505EPDME                   | 7021505NITRILS                    | \$64.50           |
|                                                                                   | 1½" x ¾"            | 7021575EPDME                   | 7021575NITRILS                    | \$64.50           |
|                                                                                   | 1½" x 1"            | 7021501EPDME                   | 7021501NITRILS                    | \$64.50           |
|                                                                                   | 2" x ½"             | 7022005EPDME                   | 7022005NITRILS                    | \$65.50           |
|                                                                                   | 2" x ¾"             | 7022075EPDME                   | 7022075NITRILS                    | \$65.50           |
|                                                                                   | 2" x 1"             | 7022001EPDME                   | 7022001NITRILS                    | \$65.50           |
|                                                                                   | 2½" x ½"            | 7022505EPDME                   | 7022505NITRILS                    | \$133.50          |
|                                                                                   | 2½" x ¾"            | 7022575EPDME                   | 7022575NITRILS                    | \$133.50          |
|                                                                                   | 2½" x 1"            | 7022501EPDME                   | 7022501NITRILS                    | \$133.50          |
|                                                                                   | 2½" x 1¼"           | 7022513EPDME                   | 7022513NITRILS                    | \$149.00          |
|                                                                                   | 2½" x 1½"           | 7022515EPDME                   | –                                 | \$149.00          |
|                                                                                   | 3" x ¾"             | 7023075EPDME                   | 7023075NITRILS                    | \$108.50          |
|                                                                                   | 3" x 1"             | 7023001EPDME                   | 7023001NITRILS                    | \$153.50          |
|                                                                                   | 3" x 1¼"            | 7023013EPDME                   | 7023013NITRILS                    | \$153.50          |
|                                                                                   | 3" x 1½"            | 7023015EPDME                   | 7023015NITRILS                    | \$153.50          |
|                                                                                   | 4" x ¾"             | 7024075EPDME                   | 7024075NITRILS                    | \$153.50          |
|                                                                                   | 4" x 1"             | 7024001EPDME                   | 7024001NITRILS                    | \$153.50          |
|                                                                                   | 4" x 1½"            | 7024015EPDME                   | 7024015NITRILS                    | \$238.00          |
|                                                                                   | 4" x 2"             | 7024020EPDME                   | 7024020NITRILS                    | \$238.00          |
|                                                                                   | 6" x 1"             | 7026001EPDME                   | 7026001NITRILS                    | \$311.00          |
|                                                                                   | 6" x 1½"            | 7026015EPDME                   | 7026015NITRILS                    | \$311.00          |
|                                                                                   | 6" x 2"             | 7026020EPDME                   | 7026020NITRILS                    | \$311.00          |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G610**
**Replacement Gaskets**  
**with Grade “EHT” EPDM or Grade “T” Nitrile Center-Stop Push-On Style Gasket**  
**For #740 Rapid Installation Pivot-Bolt (GRIP) Rigid Coupling**

|  | <i>Nominal Size</i> | <i>Grade “E” EPDM Part No.</i> | <i>Grade “T” Nitrile Part No.</i> | <i>List Price</i> |
|-------------------------------------------------------------------------------------|---------------------|--------------------------------|-----------------------------------|-------------------|
|                                                                                     | 2"                  | 74020EPDME                     | 74020NITRILS                      | \$59.00           |
|                                                                                     | 2½"                 | 74025EPDME                     | 74025NITRILS                      | \$64.50           |
|                                                                                     | 3"                  | 74030EPDME                     | 74030NITRILS                      | \$74.00           |
|                                                                                     | 4"                  | 74040EPDME                     | 74040NITRILS                      | \$99.00           |
|                                                                                     | 5"                  | 74050EPDME                     | 74050NITRILS                      | \$140.50          |
|                                                                                     | 6"                  | 74060EPDME                     | 74060NITRILS                      | \$166.00          |
|                                                                                     | 8"                  | 74080EPDME                     | 74080NITRILS                      | \$241.50          |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G144**

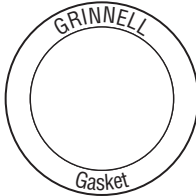
# Tyco Mechanical Products

## Section 12 – Gaskets & Spare Parts



# Grinnell

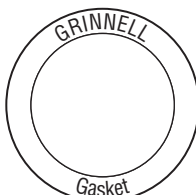
### Replacement Gaskets – Grade “EN” Tri-Seal (for #672 Coupling)

|  | Nominal Size | Part Number | List Price |
|-----------------------------------------------------------------------------------|--------------|-------------|------------|
|                                                                                   | 2"           | 20EN3       | \$51.00    |
|                                                                                   | 2½"          | 25EN3       | \$55.50    |
|                                                                                   | 3"           | 30EN3       | \$58.50    |
|                                                                                   | 4"           | 40EN3       | \$85.00    |
|                                                                                   | 5"           | 50EN3       | \$140.00   |
|                                                                                   | 6"           | 60EN3       | \$184.00   |
|                                                                                   | 8"           | 80EN3       | \$286.00   |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G610

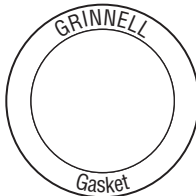
### Replacement Gaskets – Grade “EHT” EPDM Center-Stop Push-On Style Gasket (for #640 Coupling)

|  | Nominal Size | Part Number | List Price |
|-----------------------------------------------------------------------------------|--------------|-------------|------------|
|                                                                                   | 2"           | 964020EN3   | \$49.00    |
|                                                                                   | 2½"          | 964025EN3   | \$53.00    |
|                                                                                   | 3"           | 964030EN3   | \$56.50    |
|                                                                                   | 4"           | 964040EN3   | \$81.50    |
|                                                                                   | 5"           | 964050EN3   | \$135.50   |
|                                                                                   | 6"           | 964060EN3   | \$177.00   |
|                                                                                   | 8"           | 964080EN3   | \$276.00   |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G610

### Replacement Gaskets – Grade “EH” EPDM Gasket (for #616 Reducing Coupling)

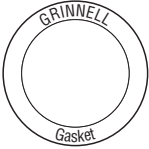
|  | Nominal Size | Part Number | List Price |
|-------------------------------------------------------------------------------------|--------------|-------------|------------|
|                                                                                     | 2½" x 2"     | 6162520NSF  | \$47.00    |
|                                                                                     | 3" x 2"      | 6163020NSF  | \$53.50    |
|                                                                                     | 3" x 2½"     | 6163025NSF  | \$53.50    |
|                                                                                     | 4" x 2½"     | 6164025NSF  | \$62.50    |
|                                                                                     | 4" x 3"      | 6164030NSF  | \$64.50    |
|                                                                                     | 5" x 4"      | 6165040NSF  | \$75.50    |
|                                                                                     | 6" x 4"      | 6166040NSF  | \$85.50    |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G610



### Replacement Gaskets – Grade “EN” EPDM Gasket (for #617 Transition Coupling for Joining IPS to Copper Tubing)

|  | Nominal Size | Part Number | List Price |
|-----------------------------------------------------------------------------------|--------------|-------------|------------|
|                                                                                   | 2"           | 61720NSF    | \$58.50    |
|                                                                                   | 2½"          | 61725NSF    | \$63.50    |
|                                                                                   | 3"           | 61730NSF    | \$69.00    |
|                                                                                   | 4"           | 61740NSF    | \$79.50    |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G610

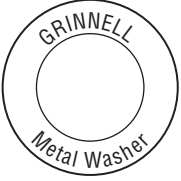
### Replacement Gaskets – Grade “EN” EPDM (for #61H Flange Adapter - Hinged)

|  | Nominal Size | Part Number | List Price |
|-----------------------------------------------------------------------------------|--------------|-------------|------------|
|                                                                                   | 2"           | 61H20NSF    | \$37.00    |
|                                                                                   | 2½"          | 61H25NSF    | \$41.50    |
|                                                                                   | 3"           | 61H30NSF    | \$45.00    |
|                                                                                   | 4"           | 61H40NSF    | \$56.00    |
|                                                                                   | 5"           | 61H50NSF    | \$68.50    |
|                                                                                   | 6"           | 61H60NSF    | \$79.00    |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G610

### Replacement Gaskets – Grade “EN” EPDM (for #61 Flange Adapter)

|  | Nominal Size | Part Number | List Price |
|-------------------------------------------------------------------------------------|--------------|-------------|------------|
|                                                                                     | 2"           | 6120NSF     | \$41.00    |
|                                                                                     | 2½"          | 6125NSF     | \$46.00    |
|                                                                                     | 3"           | 6130NSF     | \$50.00    |
|                                                                                     | 4"           | 6140NSF     | \$62.50    |
|                                                                                     | 5"           | 6150NSF     | \$75.50    |
|                                                                                     | 6"           | 6160NSF     | \$87.00    |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G610

# Tyco Mechanical Products

## Section 12 – Gaskets & Spare Parts



# Grinnell

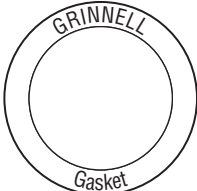
### Phenolic Washer (for #61 Flange Adapter)

|  | Nominal Size | Part Number | List Price |
|-----------------------------------------------------------------------------------|--------------|-------------|------------|
|                                                                                   | 2"           | 61PW20      | \$64.50    |
|                                                                                   | 2½"          | 61PW25      | \$69.50    |
|                                                                                   | 3"           | 61PW30      | \$75.00    |
|                                                                                   | 4"           | 61PW40      | \$118.50   |
|                                                                                   | 5"           | 61PW50      | \$128.50   |
|                                                                                   | 6"           | 61PW60      | \$146.00   |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G610

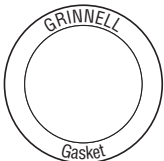
### Replacement Gaskets EPDM "E" Gaskets, Nitrile "T" Gaskets For #909 Plain End Coupling

|  | Nominal Size | Grade "E" EPDM Part No. | Grade "T" Nitrile Part No. | List Price |
|------------------------------------------------------------------------------------|--------------|-------------------------|----------------------------|------------|
|                                                                                    | 2"           | 90920EPDME              | 90920NITRILS               | \$51.50    |
|                                                                                    | 2½"          | 90925EPDME              | 90925NITRILS               | \$55.00    |
|                                                                                    | 3"           | 90930EPDME              | 90930NITRILS               | \$60.00    |
|                                                                                    | 4"           | 90940EPDME              | 90940NITRILS               | \$86.50    |
|                                                                                    | 6"           | 90960EPDME              | 90960NITRILS               | \$124.50   |
|                                                                                    | 8"           | 90980EPDME              | 90980NITRILS               | \$161.50   |
|                                                                                    | 10"          | 90910EPDME              | 90910NITRILS               | \$207.00   |
|                                                                                    | 12"          | 90912EPDME              | 90912NITRILS               | \$251.00   |
|                                                                                    | 14"          | 90914EPDME              | 90914NITRILS               | \$381.50   |
|                                                                                    | 16"          | 90916EPDME              | 90916NITRILS               | \$451.50   |
|                                                                                    | 18"          | 90918EPDME              | 90918NITRILS               | \$721.00   |

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G610

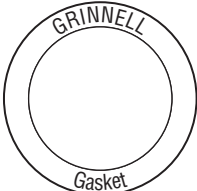
**HDPE – #9094 Replacement Gaskets “E”**

|  | <i>Nominal Size</i> | <i>Model Number</i> | <i>List</i> |
|-----------------------------------------------------------------------------------|---------------------|---------------------|-------------|
|                                                                                   | 4"                  | 909440EPDME         | \$169.50    |
|                                                                                   | 6"                  | 909460EPDME         | \$172.50    |
|                                                                                   | 8"                  | 909480EPDME         | \$176.50    |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G610**

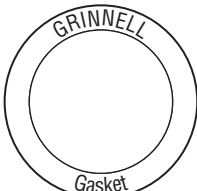
**HDPE – #9095 Replacement Gaskets “E”**

|  | <i>Nominal Size</i> | <i>Model Number</i> | <i>List</i> |
|-----------------------------------------------------------------------------------|---------------------|---------------------|-------------|
|                                                                                   | 2"                  | 909520EPDME         | \$48.50     |
|                                                                                   | 3"                  | 909530EPDME         | \$56.50     |
|                                                                                   | 4"                  | 909540EPDME         | \$81.50     |
|                                                                                   | 6"                  | 909560EPDME         | \$117.00    |
|                                                                                   | 8"                  | 909580EPDME         | \$152.00    |
|                                                                                   | 10"                 | 909510EPDME         | \$195.00    |
|                                                                                   | 12"                 | 909512EPDME         | \$236.50    |
|                                                                                   | 14"                 | 909514EPDME         | \$359.50    |
|                                                                                   | 16"                 | 909516EPDME         | \$425.50    |
|                                                                                   | 18"                 | 909518EPDME         | \$446.00    |
|                                                                                   | 20"                 | 909521EPDME         | \$482.00    |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G610**

**HDPE – #9097 Replacement Gaskets “E”**

|  | <i>Nominal Size</i> | <i>Model Number</i> | <i>List</i> |
|-------------------------------------------------------------------------------------|---------------------|---------------------|-------------|
|                                                                                     | 2"                  | 909720EPDME         | \$39.00     |
|                                                                                     | 3"                  | 909730EPDME         | \$49.00     |
|                                                                                     | 4"                  | 909740EPDME         | \$61.50     |
|                                                                                     | 6"                  | 909760EPDME         | \$85.00     |
|                                                                                     | 8"                  | 909780EPDME         | \$116.50    |
|                                                                                     | 10"                 | 909710EPDME         | \$145.50    |
|                                                                                     | 12"                 | 909712EPDME         | \$169.50    |

Orders for items in shaded areas **cannot** be cancelled or returned.

**Technical Data Sheet: G610**

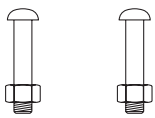
# Tyco Mechanical Products

## Section 12 – Gaskets & Spare Parts

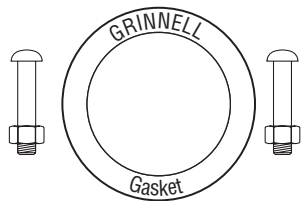


# Grinnell

### Coupling Nut and Bolt Kit

|                                                                                          | Nominal Size    | Qty/Kit | Carbon Steel |            | Stainless Steel |            |
|------------------------------------------------------------------------------------------|-----------------|---------|--------------|------------|-----------------|------------|
|                                                                                          |                 |         | Part Number  | List Price | Part Number     | List Price |
|         | 3/8" x 2 1/4"   | 2       | NB37225      | \$18.50    | NBSS37225       | \$39.00    |
|                                                                                          | 1/2" x 3"       | 2       | NB50300      | \$20.00    | NBSS50300       | \$114.00   |
|                                                                                          | 1/2" x 3 5/8"   | 1       | NB50358      | \$10.00    | –               | –          |
|                                                                                          | 5/8" x 2 3/4"   | 2       | NB62275      | \$23.50    | –               | –          |
|                                                                                          | 5/8" x 3 1/4"   | 2       | NB62325      | \$23.50    | NBSS62325       | \$112.00   |
|                                                                                          | 5/8" x 3 1/2"   | 2       | NB62350      | \$28.00    | –               | –          |
|                                                                                          | 5/8" x 4 1/2"   | 1       | NB62415      | \$13.50    | –               | –          |
|                                                                                          | 5/8" x 4 3/4"   | 2       | NB62475      | \$39.00    | NBSS62475       | \$725.50   |
|                                                                                          | 3/4" x 4 1/4"   | 2       | NB75425      | \$27.00    | –               | –          |
|                                                                                          | 3/4" x 4 3/4"   | 2       | NB75475      | \$36.00    | NBSS75475       | \$479.00   |
|                                                                                          | 7/8" x 5 1/2"   | 2       | NB87550      | \$54.50    | –               | –          |
|                                                                                          | 7/8" x 6 1/2"   | 2       | NB87650      | \$60.00    | NBSS87650       | \$643.00   |
|                                                                                          | 1" x 5 1/2"     | 3       | NB10550      | \$60.00    | NBSS10550       | \$689.00   |
|                                                                                          | 1" x 6 1/2"     | 2       | NB10650      | \$63.00    | NBSS10650       | \$863.50   |
|                                                                                          | 1 1/8" x 5 3/4" | 4       | NB12575      | \$80.50    | –               | –          |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.                 |                 |         |              |            |                 |            |
| All standard couplings can be provided with stainless steel nuts and bolts upon request. |                 |         |              |            |                 |            |

### #71 Nut, Bolt, and Gasket Kit

|  | Nominal Size | Part Number | List Price |
|-------------------------------------------------------------------------------------|--------------|-------------|------------|
|                                                                                     | 2"           | 50240P      | POA        |
|                                                                                     | 2 1/2"       | 50241P      | POA        |
|                                                                                     | 3"           | 50242P      | POA        |
|                                                                                     | 4"           | 50243P      | POA        |
|                                                                                     | 5"           | 50248P      | POA        |
|                                                                                     | 6"           | 50244P      | POA        |
|                                                                                     | 8"           | 50245P      | POA        |
|                                                                                     | 10"          | 50246P      | POA        |
|                                                                                     | 12"          | 50247P      | POA        |
| Orders for items in shaded areas <b>cannot</b> be cancelled or returned.            |              |             |            |
| Technical Data Sheet: G610                                                          |              |             |            |

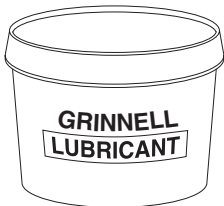
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### Pipe Tape Chrome Plated with GRINNELL Logo

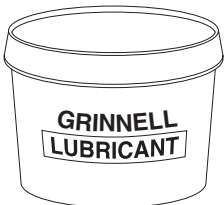
|  | Part Number | List Price |
|-----------------------------------------------------------------------------------|-------------|------------|
|                                                                                   | PT1000      | \$75.00    |

### GRINNELL Gasket Lubricant

|  | Nominal Size | Part Number | List Price |
|-----------------------------------------------------------------------------------|--------------|-------------|------------|
|                                                                                   | 1 Quart      | 32005       | \$43.50    |

Orders for items in shaded areas **cannot** be cancelled or returned.

### GRINNELL Silicone Gasket Lubricant Recommended for use with Tri-Seal Gasket Dow Corning\* #DC No. 7

|  | Nominal Size | Part Number | List Price |
|-------------------------------------------------------------------------------------|--------------|-------------|------------|
|                                                                                     | 5.3 oz. Tube | 32037       | \$142.00   |
|                                                                                     | 8 lb. Can    | 32038       | \$2,578.50 |

Orders for items in shaded areas **cannot** be cancelled or returned.

\* Dow Corning is a trademark of Dow Corning Corporation.

See latest catalog or technical data sheets for specific approvals, listings, and design parameters.

POA = Price on availability. Prices subject to change without notice.

# Tyco Mechanical Products

## Section 13 – Preparation Equipment



# Grinnell

### Roll Grooving Machine Selection Chart

| Machine Type                 | Pace Model | Size Range |          |           |         | Drive                   | Rolls Supplied |       |        | Part No. | List Price ** |
|------------------------------|------------|------------|----------|-----------|---------|-------------------------|----------------|-------|--------|----------|---------------|
|                              |            | Sch. 40    | Sch. 10  | Std. Wall | Copper  |                         | Size           | Steel | Copper |          |               |
| Portable with Electric Motor | 1112       | 1" – 12"   | –        | –         | 2" – 8" | 1½ HP, 110V             | 1" – 12"       | ■     |        | 41048    | \$7,824.00    |
|                              | 1023       | 1¼" – 12"  | –        | 12" – 24" | 2" – 8" | 1½ HP, 110V             | 1¼" – 12"      | ■     |        | 41029    | \$11,571.50   |
|                              |            |            |          |           |         |                         | 2" – 12"       | ■     |        | 41250    | \$11,013.00   |
|                              |            |            |          |           |         |                         | 1¼" – 24"      | ■     |        | 41251    | \$12,891.50   |
|                              |            |            |          |           |         |                         | 2" – 24"       | ■     |        | 41252    | \$12,327.50   |
| Portable for Ridgid® 300     | 1012       | 1" – 12"   | –        | –         | 2" – 8" | Ridgid® 300             | 1" – 12"       | ■     |        | 41041    | \$4,342.50    |
|                              | 1022       | 1¼" – 12"  | –        | 12" – 16" | 2" – 8" | Ridgid® 300             | 1¼" – 16"      | ■     |        | 41027    | \$9,774.50    |
|                              | 1041       | 1" – 6"    | 1" – 12" | –         | 2" – 8" | Ridgid® 300             | 1" – 12"       | ■     |        | 41018    | \$3,041.50    |
| Mini-Mites                   | 1039-66    | 1¼" – 6"   | –        | –         | 2" – 8" | Ridgid® 300, Hand Crank | 2" – 8" CTS    |       | ■      | 41047    | \$864.50      |
|                              | 1039       | 1¼" – 6"   | –        | –         | 2" – 8" | Ridgid® 300, Hand Crank | 1¼" – 6" IPS   | ■     |        | 41017    | \$864.50      |
|                              | 1034       | 1¼" – 6"   | –        | –         | –       | Ridgid® 300             | 1¼" – 6" IPS   | ■     |        | 41015    | \$643.50      |
|                              | 1066       | –          | –        | –         | 2" – 8" | Ridgid® 300             | 2" – 8" CTS    |       | ■      | 41014    | \$643.50      |
| Automated                    | 2021       | 1¼" – 12"  | –        | 12" – 24" | 2" – 8" | 3 HP, 220V              | 1¼" – 12"      | ■     |        | 41257    | \$20,337.00   |
|                              |            |            |          |           |         |                         | 2" – 12"       | ■     |        | 41258    | \$19,778.50   |
|                              |            |            |          |           |         |                         | 1¼" – 24"      | ■     |        | 41032    | \$21,658.00   |
|                              |            |            |          |           |         |                         | 2" – 24"       | ■     |        | 41259    | \$21,041.00   |
|                              | 2050       | 4" – 12"   | 4" – 30" | 12" – 30" | –       | 5 HP, 220V              | 4" – 6"        | ■     |        | 41033    | \$38,366.00   |
| Portable Cut Groover         | 1000       | 2" – 8"    | –        | –         | –       | 1 HP, 115V              | 2" – 8"        |       |        | 41260    | \$9,109.00    |
|                              |            | 2" – 12"   |          |           |         |                         | 2" – 12"       |       |        | 41261    | \$9,965.50    |
|                              |            |            |          |           |         |                         |                |       |        |          |               |

\*\* Accessories not included, refer to Accessory Table Below.

### Accessories

| Item           | Pace Model | Size Range                                 | Capacity   | Part No. | List Price |
|----------------|------------|--------------------------------------------|------------|----------|------------|
| Pipe Stands    | 4031       | 1" – 4"                                    | 600 Lbs.   | 41037    | \$464.50   |
|                | 4000       | 2" – 8"                                    | 900 Lbs.   | 41038    | \$573.50   |
|                | 4033       | 2" – 14"                                   | 1,200 Lbs. | 41039    | \$719.00   |
|                | 4040       | 12" – 24"                                  | 4,000 Lbs. | 41040    | \$1,823.50 |
| Nipple Bracket | 4037       | Fits Model 1021 / 22 / 23 / 2021           | –          | 41035    | \$580.50   |
|                | 4045       | 4" – 12" Fits Model 1012 / 1112            | –          | 41512    | \$482.50   |
| Mounting Feet  | 4039       | Fits Portable Roll Groovers and Model 1000 | –          | 41034    | \$146.50   |
|                | 4046       | PA Mounting Feet                           | –          | 41013    | \$146.50   |
| Porta-Bore     | 3013       | Up to 4¼" Holes in Pipe 1¼" – 12"          | –          | 41049    | \$2,398.00 |

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### Roll Selection Chart

| Machine                         | Pipe                | Size                                  | Top      |            | Size                                  | Bottom   |            | Parts                                   | Part Number | List Price |
|---------------------------------|---------------------|---------------------------------------|----------|------------|---------------------------------------|----------|------------|-----------------------------------------|-------------|------------|
|                                 |                     |                                       | Part No. | List Price |                                       | Part No. | List Price |                                         |             |            |
| 1021,<br>1023,<br>2021          | Sch. 40             | 1 $\frac{1}{4}$ " – 1 $\frac{1}{2}$ " | 41262    | \$324.50   | 1 $\frac{1}{4}$ " – 1 $\frac{1}{2}$ " | 41281    | \$235.50   |                                         |             |            |
|                                 |                     | 2" – 3 $\frac{1}{2}$ "                | 41263    | \$283.00   | 2" – 3 $\frac{1}{2}$ "                | 41282    | \$218.50   |                                         |             |            |
|                                 |                     | 4" – 6"                               | 41264    | \$252.50   | 4" – 6"                               | 41283    | \$331.50   |                                         |             |            |
|                                 |                     | 8" – 12"                              | 41265    | \$252.50   | 8" – 12"                              | 41284    | \$394.50   |                                         |             |            |
|                                 | Std. Wall           | 14" – 16"                             | 41266    | \$236.50   | 14" – 16"                             | 41285    | \$434.00   |                                         |             |            |
|                                 |                     | 18" – 24"                             | 41267    | \$236.50   | 18" – 24"                             | 41286    | \$434.00   |                                         |             |            |
|                                 | Copper Tube         | 2" – 8"                               | 41268    | \$283.00   | 2" – 8"                               | 41287    | \$218.50   | Depth Gauge 4043                        | 41509       | \$32.50    |
| 1010,<br>2010                   | Sch. 10,<br>Sch. 40 | 1 $\frac{1}{2}$ " – 6"                | 41269    | \$236.50   | 1 $\frac{1}{2}$ "                     | 41288    | \$218.50   |                                         |             |            |
|                                 |                     |                                       | –        | –          | 2" – 3 $\frac{1}{2}$ "                | 41289    | \$218.50   |                                         |             |            |
|                                 |                     |                                       | –        | –          | 4" – 6"                               | 41290    | \$318.00   |                                         |             |            |
|                                 | Sch. 10             | 8" – 12"                              | 41270    | \$236.50   | 8" – 12"                              | 41291    | \$318.00   |                                         |             |            |
| 1040,<br>2040                   | Sch. 40             | 1" – 1 $\frac{1}{2}$ "                | 41271    | \$194.00   | 1" – 1 $\frac{1}{2}$ "                | 41292    | \$194.00   |                                         |             |            |
|                                 |                     | 1" – 6"                               | 41272    | \$171.00   | 1" – 6"                               | 41293    | \$162.00   |                                         |             |            |
|                                 |                     | 2" – 6"                               | 41273    | \$194.00   | –                                     | –        |            |                                         |             |            |
|                                 | Sch. 10             | 8" – 12"                              | 41274    | \$171.00   | 8" – 12"                              | 41294    | \$268.00   |                                         |             |            |
|                                 | Copper Tube         | 2" – 8"                               | 41275    | \$172.50   | 2" – 8"                               | 41295    | \$166.00   | Depth Gauge 4021                        | 41510       | \$32.50    |
| 1012,<br>1112,<br>2112          | Sch. 40             | 1" – 1 $\frac{1}{2}$ "                | 41276    | \$194.00   | 1" – 1 $\frac{1}{2}$ "                | 41296    | \$194.00   |                                         |             |            |
|                                 |                     | 2" – 6"                               | 41277    | \$194.00   | 2" – 6"                               | 41297    | \$162.00   |                                         |             |            |
|                                 |                     | 8" – 12"                              | 41278    | \$194.00   | 8" – 12"                              | 41298    | \$270.50   |                                         |             |            |
|                                 | Copper Tube         | 2" – 8"                               | 41506    | \$194.00   | 2" – 8"                               | 41507    | \$166.00   | Depth Gauge 4021                        | 41510       | \$32.50    |
| 1021,<br>1022,<br>1023,<br>2021 | SS 10 Ga.           |                                       |          |            | 2" – 3 $\frac{1}{2}$ "                | 41299    | \$239.00   |                                         |             |            |
|                                 |                     |                                       |          |            | 4" – 6"                               | 41500    | \$364.00   |                                         |             |            |
|                                 |                     |                                       |          |            | 8" – 12"                              | 41501    | \$434.00   |                                         |             |            |
|                                 |                     |                                       |          |            | 14" – 16"                             | 41504    | \$476.50   |                                         |             |            |
|                                 |                     |                                       |          |            | 18" – 24"                             | 41505    | \$476.50   |                                         |             |            |
| 1040, 1041,<br>1112, 2112       | SS 10 Ga.           |                                       |          |            | 2" – 6"                               | 41502    | \$180.00   |                                         |             |            |
|                                 |                     |                                       |          |            | 8" – 12"                              | 41503    | \$321.00   |                                         |             |            |
| 1034,<br>1039                   | Sch. 40             | 1 $\frac{1}{4}$ " – 6", w/ brg.       | 41279    | \$45.50    |                                       |          |            | 1034 Drive Shaft 1 $\frac{1}{4}$ " – 6" | 41511       | \$71.50    |
|                                 |                     |                                       |          |            |                                       |          |            | 1039 Drive Shaft 1 $\frac{1}{4}$ " – 6" | 41513       | \$90.50    |
|                                 |                     |                                       |          |            |                                       |          |            | Depth Gauge 4021                        | 41510       | \$32.50    |
| 1039                            | Copper Tube         | 2" – 8", w/ brg.                      | 41280    | \$58.50    |                                       |          |            | Depth Gauge 4021                        | 41510       | \$32.50    |
| 1066                            | Copper Tube         | 2" – 8", w/ brg.                      | 41508    | \$58.50    |                                       |          |            | Drive Shaft 2" – 8"                     | 41514       | \$71.50    |
|                                 |                     |                                       |          |            |                                       |          |            | Depth Gauge 4021                        | 41510       | \$32.50    |

Brg. = Bottom Roll Grooved

See latest catalog or technical data sheets for specific approvals, listings, and design parameters.

POA = Price on availability. Prices subject to change without notice.

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### Grooved Couplings – Pieces Per Carton/Case

| Nominal Size | #740<br>Pivot-Bolt<br>GRIP Coupling | #705<br>Flex Coupling | #707 HD<br>Flex Coupling | #772<br>Rigid Coupling | #71<br>Flange<br>Adapter | #770 Heavy<br>Duty Coupling | Nominal<br>Size | #716<br>Reducing<br>Coupling |
|--------------|-------------------------------------|-----------------------|--------------------------|------------------------|--------------------------|-----------------------------|-----------------|------------------------------|
| 1"           | -                                   | -                     | 40                       | -                      | -                        | -                           | 2" x 1 1/2"     | 20                           |
| 1 1/4"       | -                                   | 32                    | -                        | 32                     | -                        | -                           | 2 1/2" x 2"     | 20                           |
| 1 1/2"       | -                                   | 32                    | 480                      | 28                     | -                        | -                           | 3" x 2"         | 12                           |
| 2"           | 350                                 | 480                   | 385                      | 385                    | 210                      | 385                         | 3" x 2 1/2"     | 12                           |
| 2 1/2"       | 300                                 | 350                   | 350                      | 350                    | 210                      | 315                         | 4" x 2"         | 8                            |
| 3"           | 240                                 | 270                   | 240                      | 240                    | 124                      | 24                          | 4" x 2 1/2"     | 8                            |
| 4"           | 120                                 | 175                   | 150                      | 150                    | 124                      | 12                          | 4" x 3"         | 8                            |
| 5"           | 120                                 | 96                    | 80                       | 100                    | 30                       | -                           | 5" x 4"         | 80                           |
| 6"           | 80                                  | 100                   | 64                       | 80                     | 30                       | 6                           | 6" x 4"         | 64                           |
| 8"           | 48                                  | 48                    | 36                       | 44                     | 30                       | 33                          | 6" x 5"         | 64                           |
| 10"          | -                                   | 24                    | 24                       | 24                     | 24                       | 18                          | 8" x 6"         | 36                           |
| 12"          | -                                   | 20                    | 20                       | 20                     | 24                       | 20                          | -               | -                            |
| 14"          | -                                   | -                     | 12                       | 12                     | 12                       | -                           | -               | -                            |
| 16"          | -                                   | -                     | 12                       | 12                     | 6                        | -                           | -               | -                            |
| 18"          | -                                   | -                     | 6                        | 6                      | 5                        | -                           | -               | -                            |
| 20"          | -                                   | -                     | 3                        | 3                      | 5                        | -                           | -               | -                            |
| 24"          | -                                   | -                     | 3                        | 3                      | 5                        | -                           | -               | -                            |

### Grooved Fittings – Pieces Per Carton/Case

| Nominal Size | #210<br>90 Elbow | #201<br>45 Elbow | #219<br>Tee | #260<br>Cap |
|--------------|------------------|------------------|-------------|-------------|
| 1 1/4"       | 40               | 45               | 28          | 294         |
| 1 1/2"       | 36               | 60               | 28          | 210         |
| 2"           | 18               | 24               | 10          | 140         |
| 2 1/2"       | 12               | 18               | 8           | 84          |
| 3"           | 6                | 10               | 12          | 63          |
| 4"           | 56               | 96               | 46          | 30          |
| 5"           | 35               | 140              | 36          | 392         |
| 6"           | 24               | 30               | 12          | 288         |
| 8"           | 11               | 16               | 8           | 160         |
| 10"          | 7                | 9                | 5           | 96          |
| 12"          | 5                | 9                | 8           | 63          |
| 14"          | 2                | -                | -           | -           |
| 16"          | -                | -                | -           | -           |
| 18"          | -                | -                | -           | -           |
| 20"          | -                | -                | -           | -           |
| 24"          | -                | -                | -           | -           |
| -            | -                | -                | -           | -           |
| -            | -                | -                | -           | -           |
| -            | -                | -                | -           | -           |
| -            | -                | -                | -           | -           |



### Grooved Fittings – Pieces Per Carton/Case

| <i>Nom<br/>Size</i>    | <i>#250<br/>Conc Reducer</i> | <i>#251<br/>Ecc Reducer</i> |
|------------------------|------------------------------|-----------------------------|
| <i>1 1/2" x 1 1/4"</i> | 70                           | -                           |
| <i>2 1/2" x 1 1/4"</i> | 36                           | -                           |
| <i>2 1/2" x 1 1/2"</i> | 36                           | -                           |
| <i>2 1/2" x 2"</i>     | 36                           | -                           |
| <i>3" x 1 1/2"</i>     | 24                           | -                           |
| <i>3" x 2"</i>         | 24                           | 18                          |
| <i>3" x 2 1/2"</i>     | 24                           | 18                          |
| <i>4" x 2"</i>         | 10                           | 144                         |
| <i>4" x 2 1/2"</i>     | 10                           | 144                         |
| <i>4" x 3"</i>         | 10                           | 10                          |
| <i>5" x 3"</i>         | 147                          | 147                         |
| <i>5" x 4"</i>         | 147                          | 98                          |
| <i>6" x 2"</i>         | 72                           | -                           |
| <i>6" x 2 1/2"</i>     | 72                           | -                           |
| <i>6" x 3"</i>         | 72                           | 36                          |
| <i>6" x 4"</i>         | 72                           | 36                          |
| <i>6" x 5"</i>         | 216                          | 36                          |
| <i>8" x 3"</i>         | 80                           | -                           |
| <i>8" x 4"</i>         | 40                           | -                           |
| <i>8" x 5"</i>         | 40                           | -                           |
| <i>8" x 6"</i>         | 32                           | -                           |
| <i>10" x 6"</i>        | 13                           | -                           |
| <i>10" x 8"</i>        | 13                           | -                           |
| <i>12" x 6"</i>        | 9                            | -                           |
| <i>12" x 8"</i>        | 9                            | -                           |
| <i>12" x 10"</i>       | 36                           | -                           |

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### Grooved Fittings – Pieces Per Carton/Case

| Nominal Size    | #730 Mechanical Tee | Nominal Size | #730 Mechanical Tee (cont.) | Nominal Size         | #221 Reducing Tee |
|-----------------|---------------------|--------------|-----------------------------|----------------------|-------------------|
| 2" x 1 1/2"     | 15                  | 4" x 1 1/2"  | 8                           | 2" x 2" x 1 1/2"     | 24                |
| 2" x 3/4"       | 15                  | 4" x 3/4"    | 8                           | 2 1/2" x 2 1/2" x 2" | 8                 |
| 2" x 1"         | 15                  | 4" x 1"      | 8                           | 3" x 3" x 1"         | 12                |
| 2" x 1 1/4"     | 15                  | 4" x 1 1/4"  | 8                           | 3" x 3" x 1 1/2"     | 4                 |
| 2" x 1 1/2"     | 12                  | 4" x 1 1/2"  | 8                           | 3" x 3" x 2"         | 3                 |
| 2 1/2" x 1 1/2" | 14                  | 4" x 2"      | 6                           | 3" x 3" x 2 1/2"     | 3                 |
| 2 1/2" x 3/4"   | 14                  | 4" x 2 1/2"  | 5                           | 4" x 4" x 2"         | 46                |
| 2 1/2" x 1"     | 14                  | 4" x 3"      | 4                           | 4" x 4" x 3"         | 46                |
| 2 1/2" x 1 1/4" | 14                  | 5" x 2"      | 4                           | 5" x 5" x 2 1/2"     | 18                |
| 2 1/2" x 1 1/2" | 20                  | 5" x 2 1/2"  | 8                           | 5" x 5" x 3"         | 18                |
| 3" x 1 1/2"     | 11                  | 6" x 1 1/2"  | 8                           | 5" x 5" x 4"         | 36                |
| 3" x 3/4"       | 11                  | 6" x 2"      | 7                           | 6" x 6" x 2"         | 12                |
| 3" x 1"         | 11                  | 6" x 2 1/2"  | 7                           | 6" x 6" x 2 1/2"     | 48                |
| 3" x 1 1/4"     | 11                  | 6" x 3"      | 6                           | 6" x 6" x 3"         | 48                |
| 3" x 1 1/2"     | 11                  | 6" x 4"      | 6                           | 6" x 6" x 4"         | 48                |
| 3" x 2"         | 12                  | 8" x 2 1/2"  | 4                           | 8" x 8" x 4"         | 8                 |
| -               | -                   | 8" x 3"      | 4                           | 8" x 8" x 6"         | 8                 |
| -               | -                   | 8" x 4"      | 4                           | -                    | -                 |

### Copper System Grooved Couplings – Pieces Per Carton/Case

| Nominal Size | #672 Rigid Coupling | #61 Flange Adapter | #640 Pivot-Bolt Rigid Couplings |
|--------------|---------------------|--------------------|---------------------------------|
| 2"           | 520                 | 210                | 20                              |
| 2 1/2"       | 385                 | 21                 | 16                              |
| 3"           | 270                 | 124                | 12                              |
| 4"           | 175                 | 124                | 8                               |
| 5"           | 120                 | 30                 | 100                             |
| 6"           | 100                 | 30                 | 100                             |
| 8"           | 60                  | –                  | 60                              |

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