

## THREADED FITTINGS

**Shurjoint** offers a complete range of ductile iron Class 300 threaded fittings in sizes from ½" to 2½". **Shurjoint** ductile iron threaded fittings are 100% air tested underwater to ensure leak-free performance. The **Shurjoint** ductile iron fitting series is UL listed and FM approved, making them the right choice for fire protection and other general application services.

Ductile Iron Class 300 threaded fittings are designed to the same dimensions as that of Class 150 malleable iron fittings. Though due to the superior strength characteristics, ductile iron fittings carry a much higher pressure rating. Laboratory tests confirm **Shurjoint** ductile iron fittings have passed hydrostatic test pressures exceeding 6,000 psi / 414 Bar, which is equal to four times the 1,500 psi / 103 Bar as specified by ANSI B16.3 for 1¼" – 2" sizes.

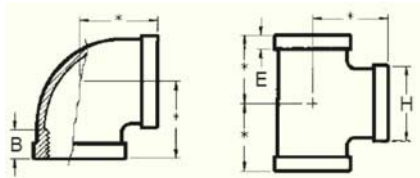
### Pressure-Temperature Rating (ANSI B16.3 & B16.14)

| Nom. Rating | Working Pressure (W.O.G.)<br>@150°F / @65°C                                              | Working Pressure<br>Saturated Steam |
|-------------|------------------------------------------------------------------------------------------|-------------------------------------|
| Class 300   | ½" – 1" : 2000 psi / 140 Bar<br>1¼" – 2" : 1500 psi / 105 Bar<br>2½" : 1000 psi / 70 Bar | 300 psi (20 Bar)                    |

\*Proof test pressure: 1.5 times the working pressure, non-shock cold water.

### General Dimensions

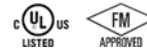
These dimensions apply to all standard fittings, both straight and reducing. For center-to-face dimensions(\*), see fitting tables.



| Pipe Size | H<br>Band O.D. | E<br>Band Width | B<br>Thread Length (min) |
|-----------|----------------|-----------------|--------------------------|
| in<br>mm  | in<br>mm       | in<br>mm        | in<br>mm                 |
| ½<br>15   | 1.02<br>26     | 0.25<br>6       | 0.43<br>11               |
| ¾<br>20   | 1.46<br>37     | 0.27<br>7       | 0.5<br>13                |
| 1<br>25   | 1.77<br>45     | 0.3<br>8        | 0.58<br>15               |
| 1¼<br>32  | 2.15<br>55     | 0.34<br>9       | 0.67<br>17               |
| 1½<br>40  | 2.43<br>62     | 0.37<br>9       | 0.7<br>18                |
| 2<br>50   | 2.96<br>75     | 0.42<br>11      | 0.75<br>19               |
| 2½<br>65  | 3.59<br>91     | 0.48<br>12      | 0.92<br>23               |



Installers who have not used DI threaded fittings before should be instructed that the fittings are stronger than the pipe in most cases. In general DI threaded fittings require about a one-half turn less than cast iron fittings. Refer to the installation instructions for further detail.



For Fire Protection pressure rating, listing, and approval information, refer to Data Sheet B-42 or visit **SHURJOINT** website, [www.shurjoint.com](http://www.shurjoint.com) for details or contact your **SHURJOINT** Representative.



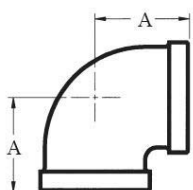
Full warranty terms can be found on [www.shurjoint.com](http://www.shurjoint.com)

**Material:** Ductile iron ASTM A536 Gr. 65-45-12 and or ASTM A395 Gr. 65-45-15.

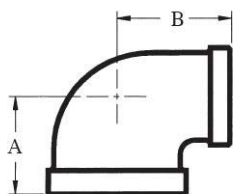
**Dimensions:** ANSI B16.3 Class 150 except bushings and plugs (B16.14), unions (B16.39) and companion flanges (B16.42). Please note wall thickness dimensions are subordinate to **Shurjoint** UL and FM pressure rating listings and approvals

**Threads:** ANSI B1.20.1 NPT or ISO 7 (BSPT)

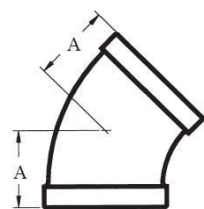
**Finish:** Black or electro-zinc plated

**MODEL 811 ELBOW 90°**


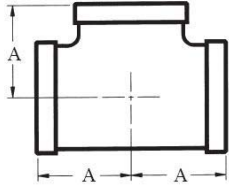
| Model 811 Elbow 90° |               |            |             |          |
|---------------------|---------------|------------|-------------|----------|
| Size                | Pipe O.D.     | A          | Weight      | Box Q'ty |
| in<br>mm            | in<br>mm      | in<br>mm   | Lbs<br>Kgs  | Pcs      |
| ½<br>15             | 0.840<br>21.3 | 1.12<br>28 | 0.25<br>0.1 | 240      |
| ¾<br>20             | 1.050<br>26.7 | 1.31<br>33 | 0.35<br>0.2 | 120      |
| 1<br>25             | 1.315<br>33.4 | 1.50<br>38 | 0.57<br>0.3 | 70       |
| 1¼<br>32            | 1.660<br>42.2 | 1.75<br>44 | 0.97<br>0.4 | 40       |
| 1½<br>40            | 1.900<br>48.3 | 1.94<br>49 | 1.17<br>0.5 | 30       |
| 2<br>50             | 2.375<br>60.3 | 2.25<br>57 | 1.83<br>0.8 | 20       |
| 2½<br>65            | 2.875<br>73.0 | 2.70<br>69 | 3.34<br>1.5 | 10       |

**MODEL 812 REDUCING ELBOW 90°**


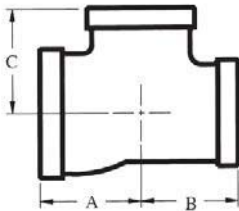
| Model 812 Reducing Elbow 90° |                              |            |            |             |          |
|------------------------------|------------------------------|------------|------------|-------------|----------|
| Size                         | Pipe O.D.                    | A          | B          | Weight      | Box Q'ty |
| in<br>mm                     | in<br>mm                     | in<br>mm   | in<br>mm   | Lbs<br>Kgs  | Pcs      |
| ¾ x ½<br>20 x 15             | 1.050 x 0.840<br>26.7 x 21.3 | 1.20<br>30 | 1.22<br>31 | 0.35<br>0.2 | 160      |
| 1 x ½<br>25 x 15             | 1.315 x 0.840<br>33.4 x 21.3 | 1.26<br>32 | 1.36<br>35 | 0.46<br>0.2 | 110      |
| 1 x ¾<br>25 x 20             | 1.315 x 1.050<br>33.4 x 26.7 | 1.18<br>30 | 1.45<br>37 | 0.57<br>0.3 | 90       |
| 1¼ x ½<br>32 x 15            | 1.660 x 0.840<br>42.2 x 21.3 | 1.34<br>34 | 1.53<br>39 | 0.64<br>0.3 | 75       |
| 1¼ x ¾<br>32 x 20            | 1.660 x 1.050<br>42.2 x 26.7 | 1.45<br>37 | 1.62<br>41 | 0.68<br>0.3 | 60       |
| 1¼ x 1<br>32 x 25            | 1.660 x 1.315<br>42.2 x 33.4 | 1.58<br>40 | 1.67<br>42 | 0.81<br>0.4 | 55       |
| 1½ x ½<br>40 x 15            | 1.900 x 0.840<br>48.3 x 21.3 | 1.41<br>36 | 1.66<br>42 | 0.84<br>0.4 | 45       |
| 1½ x ¾<br>40 x 20            | 1.900 x 1.050<br>48.3 x 26.7 | 1.52<br>39 | 1.75<br>44 | 0.90<br>0.4 | 45       |
| 1½ x 1<br>40 x 25            | 1.900 x 1.315<br>48.3 x 33.4 | 1.65<br>42 | 1.80<br>46 | 0.95<br>0.4 | 40       |
| 1½ x 1¼<br>40 x 32           | 1.900 x 1.660<br>48.3 x 42.2 | 1.82<br>46 | 1.88<br>48 | 1.10<br>0.5 | 35       |
| 2 x ¾<br>50 x 20             | 2.375 x 1.050<br>60.3 x 26.7 | 1.60<br>41 | 1.97<br>50 | 1.19<br>0.5 | 30       |
| 2 x 1<br>50 x 25             | 2.375 x 1.315<br>60.3 x 33.4 | 1.73<br>44 | 2.02<br>51 | 1.47<br>0.7 | 25       |
| 2 x 1½<br>50 x 40            | 2.375 x 1.900<br>60.3 x 48.3 | 2.02<br>51 | 2.16<br>55 | 1.61<br>0.7 | 20       |
| 2½ x 2<br>65 x 50            | 2.875 x 2.375<br>73.0 x 60.3 | 2.39<br>61 | 2.60<br>66 | 2.93<br>1.3 | 15       |

**MODEL 813 ELBOW 45°**


| Model 813 Elbow 45° |               |            |             |          |
|---------------------|---------------|------------|-------------|----------|
| Size                | Pipe O.D.     | A          | Weight      | Box Q'ty |
| in<br>mm            | in<br>mm      | in<br>mm   | Lbs<br>Kgs  | Pcs      |
| ½<br>15             | 0.840<br>21.3 | 0.88<br>22 | 0.22<br>0.1 | 250      |
| ¾<br>20             | 1.050<br>26.7 | 0.98<br>25 | 0.33<br>0.1 | 150      |
| 1<br>25             | 1.315<br>33.4 | 1.12<br>28 | 0.55<br>0.2 | 90       |
| 1¼<br>32            | 1.660<br>42.2 | 1.29<br>33 | 0.84<br>0.4 | 50       |
| 1½<br>40            | 1.900<br>48.3 | 1.43<br>36 | 0.92<br>0.4 | 35       |
| 2<br>50             | 2.375<br>60.3 | 1.68<br>43 | 1.63<br>0.7 | 18       |
| 2½<br>65            | 2.875<br>73.0 | 1.95<br>50 | 2.42<br>1.1 | 12       |

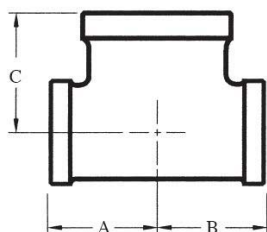
**MODEL 814 TEE**


| Model 814 Tee |               |            |             |          |
|---------------|---------------|------------|-------------|----------|
| Size          | Pipe O.D.     | A          | Weight      | Box Q'ty |
| in<br>mm      | in<br>mm      | in<br>mm   | Lbs<br>Kgs  | Pcs      |
| ½<br>15       | 0.840<br>21.3 | 1.12<br>28 | 0.31<br>0.1 | 150      |
| ¾<br>20       | 1.050<br>26.7 | 1.31<br>33 | 0.48<br>0.2 | 90       |
| 1<br>25       | 1.315<br>33.4 | 1.50<br>38 | 0.81<br>0.4 | 60       |
| 1¼<br>32      | 1.660<br>42.2 | 1.75<br>44 | 1.28<br>0.6 | 35       |
| 1½<br>40      | 1.900<br>48.3 | 1.94<br>49 | 1.72<br>0.8 | 24       |
| 2<br>50       | 2.375<br>60.3 | 2.25<br>57 | 2.57<br>1.2 | 12       |
| 2½<br>65      | 2.875<br>73.0 | 2.70<br>69 | 4.44<br>2.0 | 8        |

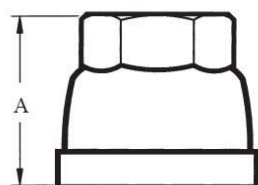
**MODEL 815 REDUCING TEE**


| Model 815 Reducing Tee |          |          |            |            |            |             |
|------------------------|----------|----------|------------|------------|------------|-------------|
| Size                   |          |          | A          | B          | C          | Weight      |
| in<br>mm               |          |          | in<br>mm   | in<br>mm   | in<br>mm   | Lbs<br>Kgs  |
| ¾<br>20                | ¾<br>20  | ½<br>15  | 1.20<br>30 | 1.20<br>30 | 1.22<br>31 | 0.46<br>0.2 |
| 1<br>25                | ¾<br>20  | ½<br>15  | 1.50<br>38 | 1.36<br>35 | 1.50<br>38 | 0.71<br>0.3 |
|                        |          | ¾<br>20  | 1.26<br>32 | 1.20<br>30 | 1.36<br>35 | 0.59<br>0.3 |
|                        |          | 1<br>25  | 1.37<br>35 | 1.31<br>33 | 1.45<br>37 | 0.66<br>0.3 |
|                        | 1<br>25  | ¾<br>20  | 1.50<br>38 | 1.45<br>37 | 1.50<br>38 | 0.77<br>0.3 |
|                        |          | 1<br>25  | 1.26<br>32 | 1.26<br>32 | 1.36<br>35 | 0.64<br>0.3 |
|                        |          | 1½<br>40 | 1.37<br>35 | 1.37<br>35 | 1.45<br>37 | 0.75<br>0.3 |
| 1¼<br>32               | 1<br>25  | ¾<br>20  | 1.34<br>34 | 1.26<br>32 | 1.53<br>39 | 0.79<br>0.4 |
|                        |          | 1<br>25  | 1.45<br>37 | 1.37<br>35 | 1.62<br>41 | 0.88<br>0.4 |
|                        |          | 1½<br>40 | 1.58<br>40 | 1.50<br>38 | 1.67<br>42 | 1.01<br>0.2 |
|                        |          | 2<br>50  | 1.75<br>44 | 1.67<br>42 | 1.75<br>44 | 1.25<br>0.6 |
|                        |          | 2½<br>65 | 1.94<br>49 | 1.94<br>49 | 1.94<br>49 | 1.54<br>0.7 |
|                        | 1¼<br>32 | ¾<br>20  | 1.34<br>34 | 1.34<br>34 | 1.53<br>39 | 0.84<br>0.4 |
|                        |          | 1<br>25  | 1.45<br>37 | 1.45<br>37 | 1.62<br>41 | 0.99<br>0.4 |
|                        |          | 1½<br>40 | 1.58<br>40 | 1.58<br>40 | 1.67<br>42 | 1.12<br>0.5 |
|                        |          | 2<br>50  | 1.75<br>44 | 1.75<br>44 | 1.75<br>44 | 1.25<br>0.6 |
|                        |          | 2½<br>65 | 1.94<br>49 | 1.94<br>49 | 1.94<br>49 | 1.54<br>0.7 |

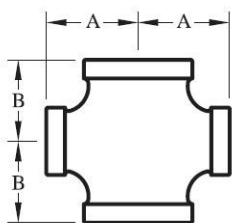
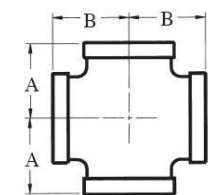
| Model 815 Reducing Tee |          |          |            |            |            |             |
|------------------------|----------|----------|------------|------------|------------|-------------|
| Size                   |          | A        | B          | C          | Weight     | Box Q'ty    |
| in<br>mm               |          | in<br>mm | in<br>mm   | in<br>mm   | Lbs<br>Kgs | Pcs         |
| 1½<br>40               | 1<br>25  | ½<br>15  | 1.44<br>37 | 1.31<br>33 | 1.69<br>43 | 0.92<br>0.4 |
|                        |          | ¾<br>20  | 1.50<br>38 | 1.37<br>35 | 1.75<br>44 | 1.01<br>0.5 |
|                        |          | 1<br>25  | 1.65<br>42 | 1.50<br>38 | 1.80<br>46 | 1.19<br>0.5 |
|                        |          | 1¼<br>32 | 1.82<br>46 | 1.67<br>42 | 1.88<br>48 | 1.54<br>0.7 |
|                        |          | 1½<br>40 | 1.94<br>49 | 1.80<br>46 | 1.94<br>49 | 1.54<br>0.7 |
|                        |          | 2<br>50  | 2.25<br>57 | 2.02<br>51 | 2.25<br>57 | 2.13<br>1.0 |
|                        | 1¼<br>32 | ½<br>15  | 1.41<br>36 | 1.34<br>34 | 1.66<br>42 | 1.08<br>0.5 |
|                        |          | ¾<br>20  | 1.52<br>39 | 1.45<br>37 | 1.75<br>44 | 1.14<br>0.5 |
|                        |          | 1<br>25  | 1.65<br>42 | 1.58<br>40 | 1.80<br>46 | 1.39<br>0.6 |
|                        |          | 1¼<br>32 | 1.82<br>46 | 1.67<br>42 | 1.88<br>48 | 1.54<br>0.7 |
|                        |          | 1½<br>40 | 1.94<br>49 | 1.80<br>46 | 1.94<br>49 | 1.54<br>0.7 |
|                        |          | 2<br>50  | 2.25<br>57 | 2.02<br>51 | 2.25<br>57 | 2.13<br>1.0 |
| 2<br>50                | 1½<br>40 | ½<br>15  | 1.49<br>38 | 1.41<br>36 | 1.88<br>48 | 1.52<br>0.7 |
|                        |          | ¾<br>20  | 1.60<br>41 | 1.52<br>39 | 1.97<br>50 | 1.47<br>0.7 |
|                        |          | 1<br>25  | 1.73<br>44 | 1.65<br>42 | 2.02<br>51 | 1.63<br>0.7 |
|                        |          | 1¼<br>32 | 1.90<br>48 | 1.80<br>46 | 2.10<br>53 | 2.09<br>0.9 |
|                        |          | 1½<br>40 | 2.02<br>51 | 1.94<br>49 | 2.16<br>55 | 2.24<br>1.0 |
|                        |          | 2<br>50  | 2.25<br>57 | 2.02<br>51 | 2.25<br>57 | 2.33<br>1.1 |
|                        | 2<br>50  | ½<br>15  | 1.49<br>38 | 1.49<br>38 | 1.88<br>48 | 1.56<br>0.7 |
|                        |          | ¾<br>20  | 1.60<br>41 | 1.60<br>41 | 1.97<br>50 | 1.61<br>0.7 |
|                        |          | 1<br>25  | 1.73<br>44 | 1.73<br>44 | 2.02<br>51 | 1.80<br>0.8 |
|                        |          | 1¼<br>32 | 1.90<br>48 | 1.90<br>48 | 2.10<br>53 | 2.09<br>0.9 |
|                        |          | 1½<br>40 | 2.02<br>51 | 2.02<br>51 | 2.16<br>55 | 2.24<br>1.0 |
|                        |          | 2<br>50  | 2.25<br>57 | 2.02<br>51 | 2.25<br>57 | 2.33<br>1.1 |

**MODEL 815 BULLHEAD TEE**


| Model 815 Bullhead Tee |    |    |      |      |      |        |
|------------------------|----|----|------|------|------|--------|
| Size                   |    |    | A    | B    | C    | Weight |
| in                     |    |    | in   | in   | in   | Lbs    |
| mm                     |    |    | mm   | mm   | mm   | Kgs    |
| ¾                      | ¾  | 1  | 1.45 | 1.45 | 1.37 | 0.66   |
| 20                     | 20 | 25 | 37   | 37   | 35   | 0.3    |
| 1                      | 1  | 1¼ | 1.67 | 1.67 | 1.58 | 0.97   |
|                        |    | 32 | 42   | 42   | 40   | 0.4    |
|                        |    | 1½ | 1.81 | 1.81 | 1.65 | 1.15   |
| 1¼                     | 1  | 40 | 46   | 46   | 42   | 0.5    |
|                        |    | 25 | 1.88 | 1.81 | 1.82 | 1.43   |
|                        | 1¼ | 40 | 48   | 46   | 46   | 0.6    |
|                        |    | 32 | 1.88 | 1.88 | 1.82 | 1.52   |
|                        |    | 40 | 2.10 | 2.10 | 1.90 | 1.80   |
| 1½                     | 1¼ | 50 | 53   | 53   | 48   | 0.8    |
|                        |    | 2  | 2.16 | 2.10 | 2.02 | 1.94   |
|                        | 1½ | 32 | 55   | 53   | 51   | 0.9    |
|                        |    | 40 | 2.16 | 2.16 | 2.02 | 2.00   |
| 2                      | 2  | 2½ | 2.60 | 2.60 | 2.39 | 3.61   |
| 50                     | 50 | 65 | 66   | 66   | 61   | 1.6    |

**MODEL 816 REDUCING COUPLING**


| Model 816 Reducing Coupling |               |      |             |        |          |
|-----------------------------|---------------|------|-------------|--------|----------|
| Size                        | Pipe O.D.     | A    | Wrench Size | Weight | Box Q'ty |
| in                          | in            | in   | in          | Lbs    | Pcs      |
| mm                          | mm            | mm   | mm          | Kgs    |          |
| ¾ x ½                       | 1.050 x 0.840 | 1.63 | 1¼          | 0.37   | 150      |
| 20 x 15                     | 26.7 x 21.3   | 41   | 32          | 0.2    |          |
| 1 x ½                       | 1.315 x 0.840 | 1.69 | 1¼          | 0.37   | 140      |
| 25 x 15                     | 33.4 x 21.3   | 43   | 32          | 0.2    |          |
| 1 x ¾                       | 1.315 x 1.050 | 1.37 | 1½          | 0.48   | 120      |
| 25 x 20                     | 33.4 x 26.7   | 35   | 38          | 0.2    |          |
| 1¼ x ¾                      | 1.660 x 1.050 | 2.06 | 1½          | 0.59   | 80       |
| 32 x 20                     | 42.2 x 26.7   | 52   | 38          | 0.3    |          |
| 1¼ x 1                      | 1.660 x 1.315 | 2.06 | -           | 0.66   | 60       |
| 32 x 25                     | 42.2 x 33.4   | 52   | -           | 0.3    |          |
| 1½ x 1                      | 1.900 x 1.315 | 2.31 | -           | 0.84   | 50       |
| 40 x 25                     | 48.3 x 33.4   | 59   | -           | 0.4    |          |
| 1½ x 1¼                     | 1.900 x 1.660 | 2.31 | -           | 0.92   | 45       |
| 40 x 32                     | 48.3 x 42.2   | 59   | -           | 0.4    |          |
| 2 x 1                       | 2.375 x 1.315 | 2.81 | -           | 1.23   | 35       |
| 50 x 25                     | 60.3 x 33.4   | 71   | -           | 0.6    |          |
| 2 x 1¼                      | 2.375 x 1.660 | 2.81 | -           | 1.28   | 30       |
| 50 x 32                     | 60.3 x 42.2   | 71   | -           | 0.6    |          |
| 2 x 1½                      | 2.375 x 1.900 | 2.81 | -           | 1.66   | 30       |
| 50 x 40                     | 60.3 x 48.3   | 71   | -           | 0.8    |          |
| 2½ x 2                      | 2.875 x 2.375 | 3.25 | -           | 2.24   | 18       |
| 65 x 50                     | 73.0 x 60.3   | 83   | -           | 1.0    |          |

**MODEL 817 CROSS**

**Model 817 Cross**

| Size | Pipe  | A    | B    | Weight | Box Q'ty |
|------|-------|------|------|--------|----------|
| in   | in    | in   | in   | Lbs    | Pcs      |
| mm   | mm    | mm   | mm   | Kgs    |          |
| ½    | 0.840 | 1.12 | 1.12 | 0.48   | 90       |
| 15   | 21.3  | 28   | 28   | 0.2    |          |
| ¾    | 1.050 | 1.31 | 1.31 | 0.77   | 60       |
| 20   | 26.7  | 33   | 33   | 0.3    |          |
| 1    | 1.315 | 1.50 | 1.50 | 0.95   | 45       |
| 25   | 33.4  | 38   | 38   | 0.4    |          |
| 1¼   | 1.660 | 1.75 | 1.75 | 1.43   | 25       |
| 32   | 42.2  | 44   | 44   | 0.6    |          |
| 1½   | 1.900 | 1.94 | 1.94 | 1.87   | 20       |
| 40   | 48.3  | 49   | 49   | 0.8    |          |
| 2    | 2.375 | 2.25 | 2.25 | 2.86   | 10       |
| 50   | 60.3  | 57   | 57   | 1.3    |          |

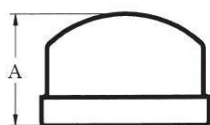
**Model 817 Reducing Cross**

| Size              | A    | B    | Weight | Box Q'ty |
|-------------------|------|------|--------|----------|
| in                | in   | in   | Lbs    | Pcs      |
| mm                | mm   | mm   | Kgs    |          |
| 1¼ x 1¼ x 1 x 1   | 1.67 | 1.58 | 1.25   | 30       |
| 32 x 32 x 25 x 25 | 42   | 40   | 0.6    |          |
| 1½ x 1½ x 1 x 1   | 1.80 | 1.65 | 1.47   | 24       |
| 40 x 40 x 25 x 25 | 46   | 42   | 0.7    |          |
| 2 x 2 x 1 x 1     | 2.02 | 1.73 | 1.94   | 16       |
| 50 x 50 x 25 x 25 | 51   | 44   | 0.9    |          |

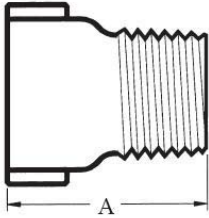
**MODEL 818 STRAIGHT COUPLING**

**Model 818 Straight Coupling**

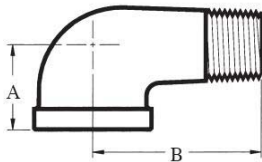
| Size | Pipe O.D. | A    | Wrench Size | Weight | Box Q'ty |
|------|-----------|------|-------------|--------|----------|
| in   | in        | in   | in          | Lbs    | Pcs      |
| mm   | mm        | mm   | mm          | Kgs    |          |
| ½    | 0.840     | 1.38 | 1½          | 0.18   | 360      |
| 15   | 21.3      | 35   | 29          | 0.1    |          |
| ¾    | 1.050     | 1.61 | 1¾          | 0.26   | 200      |
| 20   | 26.7      | 41   | 35          | 0.2    |          |
| 1    | 1.315     | 1.77 | 1⅞          | 0.42   | 110      |
| 25   | 33.4      | 45   | 43          | 0.2    |          |
| 1¼   | 1.660     | 2.00 | 2           | 0.57   | 75       |
| 32   | 42.2      | 51   | 51          | 0.3    |          |
| 1½   | 1.900     | 2.20 | 2¼          | 0.77   | 60       |
| 40   | 48.3      | 56   | 57          | 0.3    |          |
| 2    | 2.375     | 2.60 | 2¾          | 1.17   | 30       |
| 50   | 60.3      | 66   | 70          | 0.5    |          |
| 2½   | 2.875     | 3.00 | 3¾          | 2.11   | 18       |
| 65   | 73.0      | 76   | 86          | 1.0    |          |

**MODEL 820 CAP**

**Model 820 Cap**

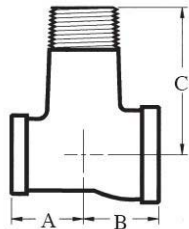
| Size | Pipe O.D. | A    | Weight | Box Q'ty |
|------|-----------|------|--------|----------|
| in   | in        | in   | Lbs    | Pcs      |
| mm   | mm        | mm   | Kgs    |          |
| ½    | 0.840     | 0.89 | 0.14   | 500      |
| 15   | 21.3      | 23   | 0.1    |          |
| ¾    | 1.050     | 1.00 | 0.20   | 300      |
| 20   | 26.7      | 25   | 0.1    |          |
| 1    | 1.315     | 1.18 | 0.33   | 180      |
| 25   | 33.4      | 30   | 0.1    |          |
| 1¼   | 1.660     | 1.32 | 0.46   | 110      |
| 32   | 42.2      | 34   | 0.2    |          |
| 1½   | 1.900     | 1.38 | 0.57   | 80       |
| 40   | 48.3      | 35   | 0.3    |          |
| 2    | 2.375     | 1.48 | 0.88   | 45       |
| 50   | 60.3      | 38   | 0.4    |          |
| 2½   | 2.875     | 1.77 | 1.54   | 25       |
| 65   | 73.0      | 45   | 0.7    |          |

**MODEL 825 EXTENSION PIECE**

**Model 825 Extension Piece**

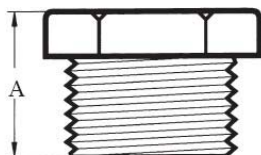
| Size                     | Pipe O.D.                    | A          | Weight      | Box Q'ty |
|--------------------------|------------------------------|------------|-------------|----------|
| in                       | in                           | in         | Lbs         | Pcs      |
| mm                       | mm                           | mm         | Kgs         |          |
| 1/2 x 1 1/2L<br>15 x 40L | 0.840 x 1.900<br>21.3 x 48.3 | 1.50<br>38 | 0.18<br>0.1 | 300      |
| 1/2 x 2L<br>15 x 50L     | 1.900 x 2.375<br>21.3 x 60.3 | 2.00<br>51 | 0.22<br>0.1 | 250      |
| 3/4 x 1 1/2L<br>20 x 40L | 1.050 x 1.900<br>26.7 x 48.3 | 1.50<br>38 | 0.22<br>0.1 | 250      |
| 3/4 x 2L<br>20 x 50L     | 1.050 x 2.375<br>26.7 x 60.3 | 2.00<br>51 | 0.26<br>0.1 | 200      |

**MODEL 831 LONG STREET ELBOW 90°**

**Model 831 Long Street Elbow 90°**

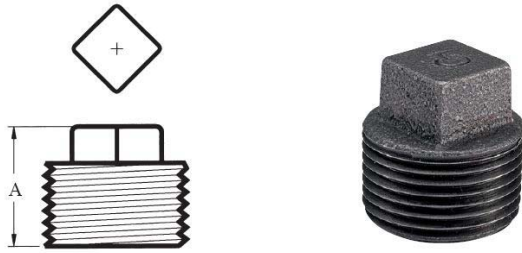
| Size                 | Pipe O.D.                    | A          | B          | Weight      | Box Q'ty |
|----------------------|------------------------------|------------|------------|-------------|----------|
| in                   | in                           | in         | in         | Lbs         | Pcs      |
| mm                   | mm                           | mm         | mm         | Kgs         |          |
| 1 x 1/2M<br>25 x 15M | 1.315 x 0.840<br>33.4 x 21.3 | 1.50<br>38 | 3.00<br>76 | 0.66<br>0.3 | 80       |
| 1 x 1M<br>25 x 25M   | 1.315 x 1.315<br>33.4 x 33.4 | 1.50<br>38 | 3.00<br>76 | 0.81<br>0.4 | 60       |

**MODEL 832 LONG STREET TEE**

**Model 832 Long Street Tee**

| Size                          | A          | B          | C          | Weight      | Box Q'ty |
|-------------------------------|------------|------------|------------|-------------|----------|
| in                            | in         | in         | in         | Lbs         | Pcs      |
| mm                            | mm         | mm         | mm         | Kgs         |          |
| 1 x 1/2 x 1M<br>25 x 15 x 25M | 1.50<br>38 | 1.40<br>36 | 3.00<br>76 | 0.91<br>0.4 | 50       |
| 1 x 1 x 1M<br>25 x 25 x 25M   | 1.50<br>38 | 1.50<br>38 | 3.00<br>76 | 1.03<br>0.5 | 45       |

**MODEL 827 HEX BUSHING**

**Model 827 Hex Bushing**

| Size                     | Pipe O.D.                    | A          | Weight      | Box Q'ty |
|--------------------------|------------------------------|------------|-------------|----------|
| in                       | in                           | in         | Lbs         | Pcs      |
| mm                       | mm                           | mm         | Kgs         |          |
| 1 x 1/2<br>25 x 15       | 1.315 x 0.840<br>33.4 x 21.3 | 1.06<br>27 | 0.20<br>0.1 | 280      |
| 1 x 3/4<br>25 x 20       | 1.315 x 1.050<br>33.4 x 26.7 | 1.06<br>27 | 0.18<br>0.1 | 280      |
| 1 1/4 x 1<br>32 x 25     | 1.660 x 1.315<br>42.2 x 33.4 | 1.18<br>30 | 0.29<br>0.1 | 150      |
| 1 1/2 x 1<br>40 x 25     | 1.900 x 1.315<br>48.3 x 21.3 | 1.26<br>32 | 0.53<br>0.2 | 100      |
| 1 1/2 x 1 1/4<br>40 x 32 | 1.900 x 1.660<br>48.3 x 42.2 | 1.26<br>32 | 0.37<br>0.2 | 100      |
| 2 x 1<br>50 x 25         | 2.375 x 1.315<br>60.3 x 33.4 | 1.34<br>34 | 0.75<br>0.3 | 80       |
| 2 x 1 1/4<br>50 x 32     | 2.375 x 1.660<br>60.3 x 42.2 | 1.34<br>34 | 0.75<br>0.3 | 80       |
| 2 x 1 1/2<br>50 x 40     | 2.375 x 1.900<br>60.3 x 48.3 | 1.34<br>34 | 0.64<br>0.3 | 80       |

**MODEL 819 PLUG**


| Model 819 Plug |           |      |        |          |
|----------------|-----------|------|--------|----------|
| Size           | Pipe O.D. | A    | Weight | Box Q'ty |
| in             | in        | in   | Lbs    | Pcs      |
| mm             | mm        | mm   | Kgs    |          |
| ½              | 0.840     | 0.93 | 0.09   | 500      |
| 15             | 21.3      | 24   | 0.0    |          |
| ¾              | 1.050     | 1.13 | 0.18   | 300      |
| 20             | 26.7      | 29   | 0.1    |          |
| 1              | 1.315     | 1.25 | 0.25   | 200      |
| 25             | 33.4      | 32   | 0.1    |          |
| 1¼             | 1.660     | 1.36 | 0.42   | 110      |
| 32             | 42.2      | 35   | 0.2    |          |
| 1½             | 1.900     | 1.45 | 0.59   | 80       |
| 40             | 48.3      | 37   | 0.3    |          |
| 2              | 2.375     | 1.50 | 0.95   | 45       |
| 50             | 60.3      | 38   | 0.4    |          |

**General Notes:**

- **Pressure Ratings** for fittings conform to the working pressure of the coupling used to join the system.
- **Listed and or Approved Pressures** are pressure ratings for fire protection systems, tested and approved by various approval bodies. Please always refer to the latest approval data posted on the **Shurjoint** website.
- **Field Joint Test:** For one time only the system may be tested hydrostatically at 1½ times the maximum working pressure listed (AWWA C606 5.2.3).
- **Warning:** Piping systems must always be depressurized and drained before attempting disassembly and or removal of any components.
- **The 10 Year Limited Warranty** applies to manufacturing defects only and does not cover severe service/temperature applications or wear parts.
- **Shurjoint** reserves the right to change specifications, designs and or standard without notice and without incurring any obligations.

**Shurjoint** product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact **Shurjoint** Technical Service. **Shurjoint** reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligations to make such changes and modifications on **Shurjoint** products previously subsequently sold.