

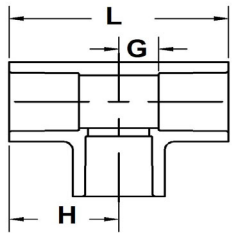


DIMENSIONAL CATALOG

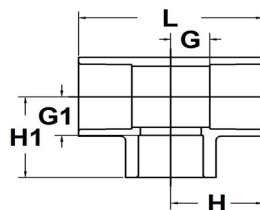
# SCH 80 - PVC

Pressure Fittings

# SCHEDULE 80 PVC

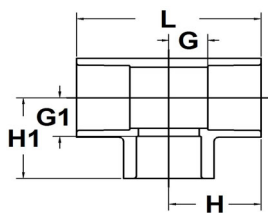


| Tee     |           |         |         |         |
|---------|-----------|---------|---------|---------|
| Part No | Size (in) | L       | H       | G       |
| 801-002 | ¼         | 1 7/8   | 15/16   | 5/16    |
| 801-003 | ⅜         | 2 5/16  | 1 5/32  | 13/32   |
| 801-005 | ½         | 2 25/32 | 1 3/8   | 1/2     |
| 801-007 | ¾         | 3 5/32  | 1 9/16  | 9/16    |
| 801-010 | 1         | 3 25/32 | 1 7/8   | 23/32   |
| 801-012 | 1¼        | 4 9/32  | 2 5/32  | 7/8     |
| 801-015 | 1½        | 4 25/32 | 2 3/8   | 1 1/32  |
| 801-020 | 2         | 5 17/32 | 2 25/32 | 1 9/32  |
| 801-025 | 2½        | 6 17/32 | 3 1/4   | 1 1/2   |
| 801-030 | 3         | 7 7/16  | 3 3/4   | 1 27/32 |
| 801-040 | 4         | 9 1/8   | 4 19/32 | 2 11/32 |
| 801-060 | 6         | 13      | 6 9/16  | 3 9/16  |
| 801-080 | 8         | 18 5/32 | 9 5/32  | 4 21/32 |
| 801-100 | 10        | 22      | 11 1/32 | 6       |
| 801-120 | 12        | 26 1/4  | 13 5/32 | 7 5/32  |



| Reducing Tee |              |         |         |         |         |         |
|--------------|--------------|---------|---------|---------|---------|---------|
| Part No      | Size (in)    | L       | H       | H1      | G       | G1      |
| 801-074*     | ½ x ½ x ¾    | 2 3/4   | 1 3/8   | 1 5/8   | 1/2     | 1       |
| 801-101      | ¾ x ¾ x ½    | 3 1/32  | 1 1/2   | 1 21/32 | 1/2     | 3/4     |
| 801-130      | 1 x 1 x ½    | 3 9/32  | 1 5/8   | 1 21/32 | 1/2     | 3/4     |
| 801-131      | 1 x 1 x ¾    | 3 3/4   | 1 15/16 | 1 3/4   | 13/16   | 3/4     |
| 801-168      | 1¼ x 1¼ x 1  | 4 1/4   | 2 1/8   | 2       | 7/8     | 7/8     |
| 801-210      | 1½ x 1½ x ¾  | 4 3/4   | 2 3/8   | 2       | 1       | 1       |
| 801-211      | 1½ x 1½ x 1  | 4 3/4   | 2 3/8   | 2 9/32  | 1 1/16  | 1       |
| 801-212      | 1½ x 1½ x 1¼ | 4 3/4   | 2 3/8   | 2 3/8   | 1       | 1 5/32  |
| 801-247      | 2 x 2 x ½    | 5 17/32 | 2 3/4   | 2 3/32  | 1 9/32  | 1 7/32  |
| 801-248      | 2 x 2 x ¾    | 5 17/32 | 2 3/4   | 2 1/4   | 1 1/4   | 1 1/4   |
| 801-249      | 2 x 2 x 1    | 5 17/32 | 2 3/4   | 2 3/8   | 1 1/4   | 1 1/4   |
| 801-250      | 2 x 2 x 1¼   | 5 3/32  | 2 17/32 | 2 19/32 | 1       | 1 11/32 |
| 801-251      | 2 x 2 x 1½   | 5 1/8   | 2 19/32 | 2 19/32 | 1 1/16  | 1 7/32  |
| 801-290      | 2½ x 2½ x 1¼ | 6 17/32 | 3 1/4   | 3       | 1 1/2   | 1 3/4   |
| 801-291      | 2½ x 2½ x 1½ | 6 17/32 | 3 1/4   | 2 29/32 | 1 1/2   | 1 17/32 |
| 801-292      | 2½ x 2½ x 2  | 6 1/2   | 3 1/4   | 3       | 1 1/2   | 1 1/2   |
| 801-337      | 3 x 3 x 1½   | 6 1/2   | 3 7/32  | 3 1/4   | 1 5/16  | 1 7/8   |
| 801-338      | 3 x 3 x 2    | 6 7/16  | 3 7/32  | 3 3/8   | 1 5/16  | 1 7/8   |
| 801-420      | 4 x 4 x 2    | 7 7/32  | 3 5/8   | 3 15/16 | 1 11/32 | 2 13/32 |
| 801-422      | 4 x 4 x 3    | 8 5/16  | 4 5/32  | 4 9/32  | 1 29/32 | 2 3/8   |

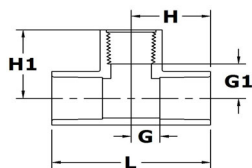
# SCHEDULE 80 PVC



## Reducing Tee (con't)

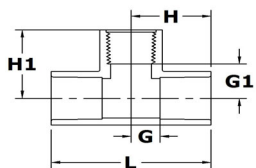
| Part No  | Size (in)    | L       | H       | H1       | G       | G1       |
|----------|--------------|---------|---------|----------|---------|----------|
| 801-530  | 6 x 6 x 3    | 9 3/4   | 4 7/8   | 5 13/32  | 1 7/8   | 3 1/2    |
| 801-532  | 6 x 6 x 4    | 10 3/4  | 5 3/8   | 5 25/32  | 2 3/8   | 3 1/2    |
| 801-580  | 8 x 8 x 3    | 18 5/32 | 9 3/32  | 10 7/16  | 4 19/32 | 8 17/32  |
| 801-585* | 8 x 8 x 6    | 18 5/32 | 9 3/32  | 9 29/32  | 4 19/32 | 6 29/32  |
| 801-623* | 10 x 10 x 3  | 22      | 11 1/32 | 11 15/16 | 6 1/32  | 10       |
| 801-624* | 10 x 10 x 4  | 22      | 11      | 11 15/16 | 6 1/32  | 9 21/32  |
| 801-626* | 10 x 10 x 6  | 22      | 11      | 11 13/32 | 6       | 8 7/16   |
| 801-628* | 10 x 10 x 8  | 22      | 11 1/32 | 11 15/32 | 6       | 7 15/32  |
| 801-666* | 12 x 12 x 6  | 26 1/4  | 13 1/8  | 14 11/32 | 7 5/32  | 11 11/32 |
| 801-668* | 12 x 12 x 8  | 26 1/4  | 13 1/8  | 13 19/32 | 7 5/32  | 9 9/16   |
| 801-670* | 12 x 12 x 10 | 26 1/4  | 13 1/8  | 13 5/8   | 7 5/32  | 8 19/32  |

\*Sized with Bushing



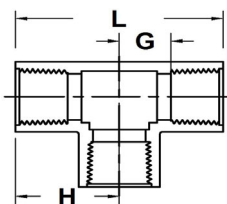
## Tee

| Part No | Size (in) | L       | H       | H1     | G      | G1     |
|---------|-----------|---------|---------|--------|--------|--------|
| 802-005 | 1/2       | 2 3/4   | 1 13/32 | 1 5/32 | 17/32  | 15/32  |
| 802-007 | 3/4       | 3 7/32  | 1 5/8   | 1 1/4  | 5/8    | 9/16   |
| 802-010 | 1         | 3 3/4   | 1 7/8   | 1 7/8  | 3/4    | 11/16  |
| 802-012 | 1 1/4     | 4 1/4   | 2 1/8   | 2 5/32 | 7/8    | 7/8    |
| 802-015 | 1 1/2     | 4 13/16 | 2 13/32 | 2 3/32 | 1 1/32 | 1 1/32 |
| 802-020 | 2         | 5 19/32 | 2 25/32 | 2 3/8  | 1 9/32 | 1 9/32 |



## Tee

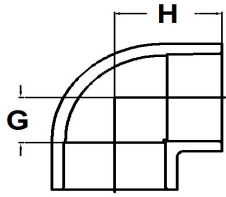
| Part No | Size (in)             | L     | H      | H1     | G      | G1      |
|---------|-----------------------|-------|--------|--------|--------|---------|
| 802-250 | 2 x 2 x 1 1/4         | 5 1/8 | 2 9/16 | 2 1/2  | 1 1/32 | 1 19/32 |
| 802-251 | 2 x 2 x 1 1/2         | 5 1/8 | 2 9/16 | 2 1/4  | 1 1/32 | 1 5/16  |
| 802-291 | 2 1/2 x 2 1/2 x 1 1/2 | 6 1/2 | 3 1/4  | 2 7/16 | 1 1/2  | 1 1/2   |



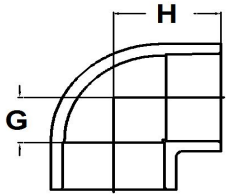
## Tee

| Part No | Size (in) | L       | H      | G       |
|---------|-----------|---------|--------|---------|
| 805-002 | 1/4       | 1 11/16 | 7/8    | 5/16    |
| 805-003 | 3/8       | 1 7/8   | 15/16  | 13/32   |
| 805-005 | 1/2       | 2 5/16  | 1 5/32 | 15/32   |
| 805-007 | 3/4       | 2 17/32 | 1 1/4  | 9/16    |
| 805-010 | 1         | 3 3/4   | 1 7/8  | 21/32   |
| 805-012 | 1 1/4     | 4 11/32 | 2 5/32 | 27/32   |
| 805-015 | 1 1/2     | 4 7/8   | 2 7/16 | 15/16   |
| 805-020 | 2         | 4 17/32 | 2 1/4  | 1 5/16  |
| 805-025 | 2 1/2     | 6 1/32  | 3 1/32 | 1 19/32 |
| 805-030 | 3         | 6 15/32 | 3 1/4  | 1 3/4   |
| 805-040 | 4         | 8 1/8   | 4 1/16 | 2 1/2   |

# SCHEDULE 80 PVC

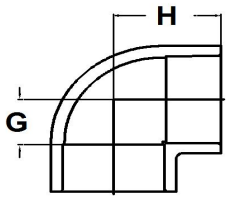


| 90° ELL |           |         |         |
|---------|-----------|---------|---------|
| Part No | Size (in) | H       | G       |
| 806-002 | ¼         | 15/16   | 5/16    |
| 806-003 | ⅜         | 1 1/8   | 3/8     |
| 806-005 | ½         | 1 3/8   | 1/2     |
| 806-007 | ¾         | 1 9/16  | 9/16    |
| 806-010 | 1         | 1 13/16 | 11/16   |
| 806-012 | 1¼        | 2 1/8   | 7/8     |
| 806-015 | 1½        | 2 7/16  | 1 1/16  |
| 806-020 | 2         | 2 3/4   | 1 1/4   |
| 806-025 | 2½        | 3 17/32 | 1 3/4   |
| 806-030 | 3         | 4 3/32  | 2 3/16  |
| 806-040 | 4         | 4 9/16  | 2 5/16  |
| 806-060 | 6         | 6 1/2   | 3 1/2   |
| 806-080 | 8         | 9 3/32  | 5 17/32 |
| 806-100 | 10        | 11 1/16 | 6 1/32  |
| 806-120 | 12        | 13 1/8  | 7 1/8   |



| Reducing 90° ELL |           |         |         |
|------------------|-----------|---------|---------|
| Part No          | Size (in) | H       | G       |
| 806-052*         | ⅜ x ¼     | 1 3/8   | 3/4     |
| 806-072*         | ½ x ¼     | 1 5/8   | 1       |
| 806-073*         | ½ x ⅜     | 1 5/8   | 7/8     |
| 806-101*         | ¾ x ½     | 1 29/32 | 1 1/32  |
| 806-130*         | 1 x ½     | 2 1/8   | 1 1/4   |
| 806-131*         | 1 x ¾     | 2 3/32  | 1 3/32  |
| 806-167*         | 1¼ x ¾    | 2 3/8   | 1 3/8   |
| 806-168*         | 1¼ x 1    | 2 3/8   | 1 1/4   |
| 806-209*         | 1½ x ½    | 2 25/32 | 1 29/32 |
| 806-210*         | 1½ x ¾    | 2 25/32 | 1 25/32 |
| 806-211*         | 1½ x 1    | 2 25/32 | 1 21/32 |
| 806-212*         | 1½ x 1¼   | 2 25/32 | 1 17/32 |
| 806-247*         | 2 x ½     | 3 5/32  | 2 9/32  |
| 806-248*         | 2 x ¾     | 3 5/32  | 2 5/32  |
| 806-249*         | 2 x 1     | 3 5/32  | 2 1/32  |
| 806-250*         | 2 x 1¼    | 3 5/32  | 1 29/32 |
| 806-251*         | 2 x 1½    | 3 5/32  | 1 25/32 |
| 806-289*         | 2½ x 1    | 3 17/32 | 2 13/32 |
| 806-290*         | 2½ x 1¼   | 3 17/32 | 2 9/32  |
| 806-291*         | 2½ x 1½   | 3 17/32 | 2 5/32  |
| 806-292*         | 2½ x 2    | 3 17/32 | 2 1/32  |
| 806-335*         | 3 x 1     | 3 31/32 | 2 7/8   |
| 806-336*         | 3 x 1¼    | 3 31/32 | 2 23/32 |
| 806-337*         | 3 x 1½    | 3 31/32 | 2 19/32 |
| 806-338*         | 3 x 2     | 3 31/32 | 2 15/32 |

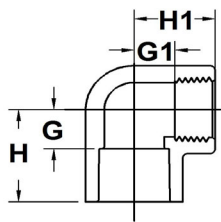
## SCHEDULE 80 PVC



### Reducing 90° ELL (con't)

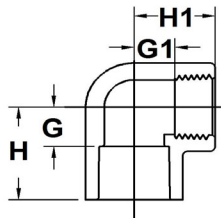
| Part No  | Size (in) | H       | G       |
|----------|-----------|---------|---------|
| 806-339* | 3 x 2½    | 3 31/32 | 2 7/32  |
| 806-420* | 4 x 2     | 5 1/8   | 3 5/8   |
| 806-422* | 4 x 3     | 5 3/32  | 3 7/32  |
| 806-528* | 6 x 2     | 6 13/16 | 5 25/32 |
| 806-530* | 6 x 3     | 6 13/16 | 5 13/32 |
| 806-532* | 6 x 4     | 6 13/16 | 5 1/32  |
| 806-535* | 6 x 6 x 8 | 8 25/32 | 6 19/32 |

\*Sized with Bushing



### 90° ELL

| Part No | Size (in) | H      | H1      | G     | G1    |
|---------|-----------|--------|---------|-------|-------|
| 807-005 | ½         | 1 3/8  | 1 1/3   | 1/2   | 1/2   |
| 807-007 | ¾         | 1 3/4  | 1 3/4   | 3/4   | 3/4   |
| 807-010 | 1         | 1 7/8  | 1 8/9   | 3/4   | 3/4   |
| 807-012 | 1¼        | 2 3/16 | 2 3/16  | 3/4   | 3/4   |
| 807-015 | 1½        | 2 3/8  | 1 29/32 | 1     | 1     |
| 807-020 | 2         | 2 3/4  | 2 1/4   | 1 1/4 | 1 1/4 |

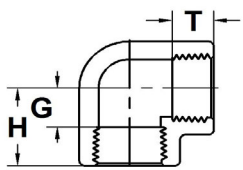


### 90° ELL

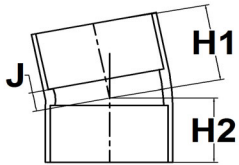
| Part No  | Size (in) | H     | H1     | G     | G1    |
|----------|-----------|-------|--------|-------|-------|
| 807-052* | ⅝ x ¼     | 1 1/8 | 1 6/7  | 3/8   | 3/4   |
| 807-072* | ½ x ¼     | 1 3/8 | 2 1/7  | 1/2   | 5/6   |
| 807-101* | ¾ x ½     | 1 5/9 | 1 6/7  | 5/9   | 1     |
| 807-130* | 1 x ½     | 1 4/5 | 2 1/8  | 2/3   | 1 1/4 |
| 807-131* | 1 x ¾     | 1 4/5 | 2 1/8  | 2/3   | 1 1/3 |
| 807-166* | 1¼ x ½    | 2 1/8 | 2 3/7  | 7/8   | 1 3/4 |
| 807-167* | 1¼ x ¾    | 2 1/8 | 2 3/7  | 7/8   | 1 3/4 |
| 807-168* | 1¼ x 1    | 2 1/8 | 2 2/5  | 7/8   | 1 1/2 |
| 807-209* | 1½ x ½    | 2 3/8 | 3      | 1 1/6 | 2 2/9 |
| 807-210* | 1½ x ¾    | 2 3/8 | 2 5/6  | 1 1/6 | 2     |
| 807-211* | 1½ x 1    | 2 3/8 | 2 6/7  | 1 1/6 | 2     |
| 807-212* | 1½ x 1¼   | 2 3/8 | 2 6/7  | 1 1/6 | 2     |
| 807-247* | 2 x ½     | 2 3/4 | 3 1/4  | 1 2/5 | 2 3/5 |
| 807-249* | 2 x 1     | 2 3/4 | 3 2/9  | 1 2/5 | 2     |
| 807-250* | 2 x 1¼    | 2 3/4 | 3 2/9  | 1 2/5 | 2 1/3 |
| 807-251* | 2 x 1½    | 2 3/4 | 3 1/5  | 1 2/5 | 2 1/3 |
| 807-292* | 2½ x 1¼   | 3 1/4 | 3 5/8  | 1 1/2 | 2 1/7 |
| 807-338* | 3 x 2     | 3 5/7 | 4      | 1 4/5 | 3     |
| 807-339* | 3 x 2½    | 3 5/7 | 4      | 1 4/5 | 2 1/2 |
| 807-420* | 4 x 2     | 4 4/7 | 5 3/5  | 2 3/5 | 4 2/3 |
| 807-422* | 4 x 3     | 4 4/7 | 5 1/4  | 2 3/5 | 3 1/2 |
| 807-532* | 6 x 4     | 6 1/2 | 7 1/16 | 3 1/2 | 5 1/4 |

\*Sized with Bushing

# SCHEDULE 80 PVC

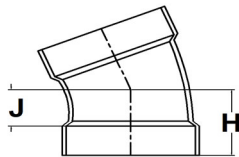


| 90° EII |           |         |         |         |
|---------|-----------|---------|---------|---------|
| Part No | Size (in) | H       | G       | T       |
| 808-002 | ¼         | 27/32   | 5/16    | 9/16    |
| 808-003 | ⅜         | 15/16   | 13/32   | 17/32   |
| 808-005 | ½         | 1 3/8   | 1/2     | 7/8     |
| 808-007 | ¾         | 1 3/4   | 3/4     | 1       |
| 808-010 | 1         | 1 5/8   | 23/32   | 7/8     |
| 808-012 | 1¼        | 2 3/16  | 25/32   | 1 3/8   |
| 808-015 | 1½        | 1 29/32 | 1       | 15/16   |
| 808-020 | 2         | 2 1/4   | 1 9/32  | 1       |
| 808-025 | 2½        | 2 13/16 | 1 15/32 | 1 11/32 |
| 808-030 | 3         | 3 7/32  | 1 13/16 | 1 7/16  |
| 808-040 | 4         | 4       | 2 1/4   | 1 3/4   |

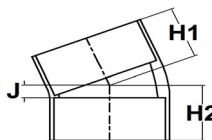


| 11½° EII |           |        |        |   |
|----------|-----------|--------|--------|---|
| Part No  | Size (in) | H1     | H2     | J |
| 861-100* | 10*       | 6 5/8  | 6 5/8  | 1 |
| 861-120* | 12        | 7 9/32 | 7 7/16 | 1 |

H1 & H2 is lay length of each side

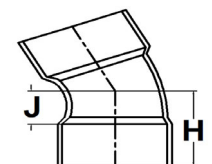


| 22 ½° EII |           |         |      |
|-----------|-----------|---------|------|
| Part No   | Size (in) | H       | J    |
| 865-020   | 2         | 1 15/16 | 7/16 |
| 865-030   | 3         | 2 7/16  | 9/16 |



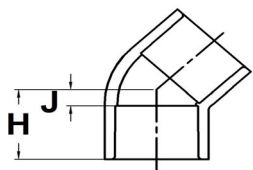
| 22 ½° EII |           |         |        |       |
|-----------|-----------|---------|--------|-------|
| Part No   | Size (in) | H1      | H2     | J     |
| 865-100*  | 10        | 6 15/16 | 7 1/16 | 1 1/2 |
| 865-120*  | 12        | 7 31/32 | 8 3/8  | 1 3/4 |

H1 & H2 is lay length of each side

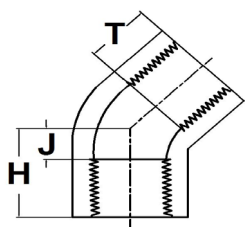


| 30° EII |           |   |   |
|---------|-----------|---|---|
| Part No | Size (in) | H | J |
| 815-060 | 6         | 4 | 1 |

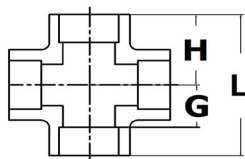
## SCHEDULE 80 PVC



| 45° ELL |           |         |         |
|---------|-----------|---------|---------|
| Part No | Size (in) | H       | J       |
| 817-002 | ¼         | 13/16   | 1/8     |
| 817-003 | ⅜         | 15/16   | 3/16    |
| 817-005 | ½         | 1 1/8   | 1/4     |
| 817-007 | ¾         | 1 5/16  | 5/16    |
| 817-010 | 1         | 1 1/2   | 3/8     |
| 817-012 | 1¼        | 1 23/32 | 7/16    |
| 817-015 | 1½        | 1 7/8   | 1/2     |
| 817-020 | 2         | 2 1/8   | 5/8     |
| 817-025 | 2½        | 2 1/2   | 3/4     |
| 817-030 | 3         | 2 25/32 | 7/8     |
| 817-040 | 4         | 3 5/16  | 1       |
| 817-060 | 6         | 4 3/4   | 1 3/4   |
| 817-080 | 8         | 6 13/16 | 2 5/16  |
| 817-100 | 10        | 7 7/16  | 2 7/16  |
| 817-120 | 12        | 9       | 2 15/16 |

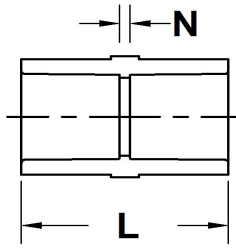


| 45° ELL |           |         |       |         |
|---------|-----------|---------|-------|---------|
| Part No | Size (in) | H       | J     | T       |
| 819-005 | ½         | 1 1/32  | 1/4   | 3/4     |
| 819-007 | ¾         | 1 3/16  | 3/8   | 13/16   |
| 819-010 | 1         | 1 11/32 | 3/8   | 1       |
| 819-012 | 1¼        | 1 13/32 | 3/8   | 1 1/32  |
| 819-015 | 1½        | 1 1/2   | 1/2   | 1 1/32  |
| 819-020 | 2         | 1 3/4   | 11/16 | 1 1/16  |
| 819-025 | 2½        | 2 17/32 | 31/32 | 1 3/8   |
| 819-030 | 3         | 2 7/16  | 3/4   | 1 11/16 |
| 819-040 | 4         | 2 25/32 | 1     | 1 25/32 |

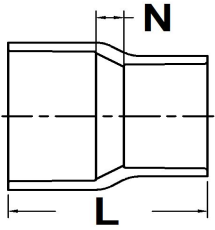


| Cross   |           |       |        |         |
|---------|-----------|-------|--------|---------|
| Part No | Size (in) | L     | H      | G       |
| 820-015 | 1½        | 4 3/4 | 2 3/8  | 1       |
| 820-020 | 2         | 6 1/8 | 3 1/16 | 1 1/4   |
| 820-030 | 3         | 8 1/4 | 4 1/8  | 1 13/16 |
| 820-040 | 4         | 9 3/4 | 4 7/8  | 2 5/8   |

## SCHEDULE 80 PVC



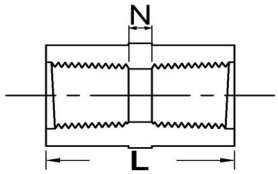
| Coupling |           |         |      |
|----------|-----------|---------|------|
| Part No  | Size (in) | L       | N    |
| 829-002  | ¼         | 1 11/32 | 1/16 |
| 829-003  | ⅜         | 1 5/8   | 1/8  |
| 829-005  | ½         | 1 7/8   | 1/8  |
| 829-007  | ¾         | 2 1/8   | 1/8  |
| 829-010  | 1         | 2 1/2   | 1/4  |
| 829-012  | 1¼        | 2 13/16 | 1/4  |
| 829-015  | 1½        | 3 1/16  | 1/4  |
| 829-020  | 2         | 3 5/16  | 1/4  |
| 829-025  | 2½        | 3 25/32 | 1/4  |
| 829-030  | 3         | 4       | 1/4  |
| 829-040  | 4         | 4 3/4   | 3/16 |
| 829-060  | 6         | 6 5/16  | 1/4  |
| 829-080  | 8         | 9 5/16  | 1/4  |
| 829-100  | 10        | 10 3/8  | 5/16 |
| 829-120  | 12        | 12 7/16 | 3/8  |



| Reducer Coupling |           |          |         |
|------------------|-----------|----------|---------|
| Part No          | Size (in) | L        | N       |
| 829-101          | ¾ x ½     | 2 5/32   | 1/8     |
| 829-131          | 1 x ¾     | 2 1/4    | 1/8     |
| 829-168          | 1¼ x 1    | 2 17/32  | 1/8     |
| 829-210          | 1½ x ¾    | 2 7/8    | 17/32   |
| 829-211          | 1½ x 1    | 2 21/32  | 1/8     |
| 829-212          | 1½ x 1¼   | 2 13/16  | 1/8     |
| 829-251          | 2 x 1½    | 3 1/16   | 1/8     |
| 829-338          | 3 x 2     | 3 5/8    | 3/16    |
| 829-422          | 4 x 3     | 4 3/8    | 1/4     |
| 829-532*         | 6 x 4     | 6 13/16  | 1 1/2   |
| 829-585          | 8 x 6     | 10 25/32 | 2 23/32 |
| 829-619*         | 10 x 2    | 11 9/32  | 4 3/4   |
| 829-623*         | 10 x 3    | 11 9/32  | 4 3/8   |
| 829-624*         | 10 x 4    | 11 9/32  | 4       |
| 829-626*         | 10 x 6    | 10 25/32 | 2 3/8   |

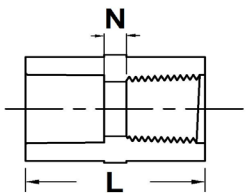
\*Sized with Bushing

## SCHEDULE 80 PVC



| Coupling |                 |                   |                |                   |
|----------|-----------------|-------------------|----------------|-------------------|
| Part No  | Size (in)       | L                 | N              | Body Dia.         |
| 830-002  | $\frac{1}{4}$   | $1 \frac{5}{16}$  | $\frac{1}{4}$  | $\frac{27}{32}$   |
| 830-005  | $\frac{1}{2}$   | 2                 | $\frac{1}{4}$  | $1 \frac{5}{16}$  |
| 830-007  | $\frac{3}{4}$   | $2 \frac{1}{4}$   | $\frac{1}{4}$  | $1 \frac{9}{16}$  |
| 830-010  | 1               | $2 \frac{1}{2}$   | $\frac{1}{4}$  | $1 \frac{27}{32}$ |
| 830-012  | $1 \frac{1}{4}$ | $2 \frac{25}{32}$ | $\frac{1}{4}$  | $2 \frac{7}{32}$  |
| 830-015  | $1 \frac{1}{2}$ | $3 \frac{1}{16}$  | $\frac{1}{4}$  | $2 \frac{1}{2}$   |
| 830-020  | 2               | $3 \frac{5}{16}$  | $\frac{1}{4}$  | 3                 |
| 830-025  | $2 \frac{1}{2}$ | $3 \frac{3}{8}$   | $\frac{1}{4}$  | $3 \frac{3}{4}$   |
| 830-030  | 3               | $3 \frac{9}{16}$  | $\frac{5}{16}$ | $4 \frac{7}{32}$  |
| 830-040  | 4               | $3 \frac{3}{4}$   | $\frac{7}{16}$ | $5 \frac{1}{2}$   |

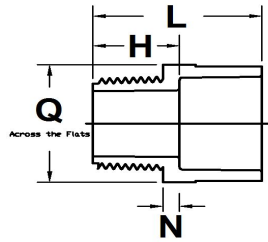
Body diameter measured across hex flats ( if applicable)



| Female Adapter |                 |                   |                |                   |
|----------------|-----------------|-------------------|----------------|-------------------|
| Part No        | Size (in)       | L                 | N              | Body Dia.         |
| 835-002        | $\frac{1}{4}$   | $1 \frac{7}{16}$  | $\frac{3}{16}$ | $\frac{15}{16}$   |
| 835-005        | $\frac{1}{2}$   | 2                 | $\frac{1}{4}$  | $1 \frac{3}{8}$   |
| 835-007        | $\frac{3}{4}$   | $2 \frac{1}{4}$   | $\frac{1}{4}$  | $1 \frac{9}{16}$  |
| 835-010        | 1               | $2 \frac{1}{2}$   | $\frac{1}{4}$  | $1 \frac{7}{8}$   |
| 835-012        | $1 \frac{1}{4}$ | $2 \frac{25}{32}$ | $\frac{1}{4}$  | $2 \frac{7}{32}$  |
| 835-015        | $1 \frac{1}{2}$ | $3 \frac{1}{16}$  | $\frac{1}{4}$  | $2 \frac{17}{32}$ |
| 835-020        | 2               | $3 \frac{5}{16}$  | $\frac{1}{4}$  | $3 \frac{1}{16}$  |
| 835-025        | $2 \frac{1}{2}$ | $3 \frac{13}{16}$ | $\frac{1}{4}$  | $3 \frac{5}{8}$   |
| 835-030        | 3               | $4 \frac{1}{16}$  | $\frac{1}{4}$  | $4 \frac{11}{32}$ |
| 835-040        | 4               | $4 \frac{25}{32}$ | $\frac{1}{4}$  | $5 \frac{1}{2}$   |

Body diameter measured across hex flats ( if applicable)

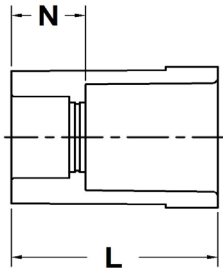
# SCHEDULE 80 PVC



## Male Adapter

| Part No | Size (in) | L       | N     | H       | Q      |
|---------|-----------|---------|-------|---------|--------|
| 836-005 | ½         | 1 7/8   | 1/4   | 1       | 1 7/32 |
| 836-007 | ¾         | 2       | 1/4   | 1 1/32  | 1 7/16 |
| 836-010 | 1         | 2 3/8   | 1/4   | 1 7/32  | 1 3/4  |
| 836-012 | 1¼        | 2 9/16  | 1/4   | 1 9/32  | 2 1/8  |
| 836-015 | 1½        | 2 11/16 | 5/16  | 1 5/16  | 2 3/8  |
| 836-020 | 2         | 2 29/32 | 5/16  | 1 3/8   | 2 7/8  |
| 836-025 | 2½        | 3 11/16 | 3/8   | 1 31/32 | 3 1/2  |
| 836-030 | 3         | 3 15/16 | 3/8   | 2       | 4 5/32 |
| 836-040 | 4         | 4 1/2   | 15/32 | 2 7/32  | 5 9/32 |

Q is Hex outside diameter measured across flats



## Reducer Bushing (Flush Style)

| Part No | Size (in) | L       | N      | Hex O.D. |
|---------|-----------|---------|--------|----------|
| 837-052 | ⅜ x ¼     | 1       | 3/8    | 3/4      |
| 837-072 | ½ x ¼     | 1 3/16  | 9/16   | 7/8      |
| 837-073 | ½ x ⅜     | 1 7/32  | 7/16   | 7/8      |
| 837-101 | ¾ x ½     | 1 1/16  | 1/4    | 1 3/32   |
| 837-130 | 1 x ½     | 1 7/16  | 17/32  | 1 3/8    |
| 837-131 | 1 x ¾     | 1 1/4   | 15/32  | 1 3/8    |
| 837-166 | 1¼ x ½    | 1 9/16  | 11/16  | 1 27/32  |
| 837-167 | 1¼ x ¾    | 1 9/16  | 1/2    | 1 25/32  |
| 837-168 | 1¼ x 1    | 1 9/16  | 7/16   | 1 27/32  |
| 837-209 | 1½ x ½    | 1 11/16 | 13/16  | 2 1/16   |
| 837-210 | 1½ x ¾    | 1 11/16 | 5/8    | 2 1/16   |
| 837-211 | 1½ x 1    | 1 11/16 | 9/16   | 2 1/32   |
| 837-212 | 1½ x 1¼   | 1 11/16 | 15/32  | 2 1/16   |
| 837-247 | 2 x ½     | 1 13/16 | 15/16  | 2 1/2    |
| 837-248 | 2 x ¾     | 1 13/16 | 25/32  | 2 1/2    |
| 837-249 | 2 x 1     | 1 13/16 | 25/32  | 2 1/2    |
| 837-250 | 2 x 1¼    | 1 13/16 | 9/16   | 2 1/2    |
| 837-251 | 2 x 1½    | 1 13/16 | 3/8    | 2 7/16   |
| 837-289 | 2½ x 1    | 2 5/16  | 1 1/4  | 2 15/16  |
| 837-290 | 2½ x 1¼   | 2 5/16  | 1 1/16 | 2 31/32  |

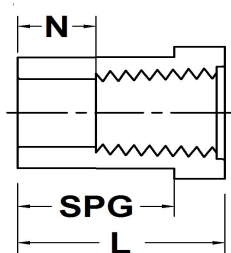
## SCHEDULE 80 PVC

### Reducer Bushing (Flush Style) con't.

| Part No  | Size (in) | L       | N       | Hex O.D. |
|----------|-----------|---------|---------|----------|
| 837-291  | 2½ x 1½   | 2 5/16  | 29/32   | 2 15/16  |
| 837-292  | 2½ x 2    | 2 7/32  | 11/16   | 2 15/16  |
| 837-335  | 3 x 1     | 2 15/32 | 1 5/16  | 3 9/16   |
| 837-336  | 3 x 1¼    | 2 7/16  | 1 3/16  | 3 9/16   |
| 837-337  | 3 x 1½    | 2 15/32 | 1 3/32  | 3 9/16   |
| 837-338  | 3 x 2     | 2 1/4   | 3/4     | 3 17/32  |
| 837-339  | 3 x 2½    | 2 15/32 | 11/16   | 3 5/8    |
| 837-420  | 4 x 2     | 2 13/16 | 1 9/32  | 4 9/16   |
| 837-421* | 4 x 2½    | 3 7/32  | 1 7/16  | 3 5/8    |
| 837-422  | 4 x 3     | 2 21/32 | 23/32   | 4 9/16   |
| 837-528  | 6 x 2     | 3 17/32 | 2       | 6 15/16  |
| 837-530  | 6 x 3     | 3 17/32 | 1 21/32 | 6 15/16  |
| 837-532  | 6 x 4     | 3 17/32 | 1 3/4   | 6 15/16  |
| 837-585  | 8 x 6     | 5 5/16  | 2 5/16  | 8 3/4    |
| 837-624* | 10 x 4    | 5 31/32 | 3 11/16 | 6 31/32  |
| 837-626  | 10 x 6    | 5 7/16  | 2 7/16  | 11 9/16  |
| 837-628  | 10 x 8    | 5 7/16  | 1 7/16  | 11 9/16  |
| 837-666* | 12 x 6    | 6 7/8   | 2 7/8   | 11 19/32 |
| 837-668  | 12 x 8    | 6 13/32 | 2 3/8   | 13 3/4   |
| 837-670  | 12 x 10   | 6 15/32 | 1 7/16  | 13 3/4   |

\*Sized with Bushing

Hex outside diameter measured across hex flats



### Reducer Bushing (Flush Style)

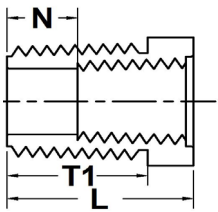
| Part No | Size (in) | L       | N     | SPG    | Hex O.D. |
|---------|-----------|---------|-------|--------|----------|
| 838-052 | ¾ x ¼     | 1       | 3/8   | 25/32  | 13/16    |
| 838-072 | ½ x ¼     | 1 3/16  | 15/32 | 7/8    | 7/8      |
| 838-098 | ¾ x ¼     | 1 7/32  | 5/8   | 1      | 1 3/16   |
| 838-101 | ¾ x ½     | 1 1/16  | 1/4   | 25/32  | 1 1/16   |
| 838-130 | 1 x ½     | 1 1/4   | 1/2   | 1      | 1 3/8    |
| 838-131 | 1 x ¾     | 1 1/4   | 13/32 | 1      | 1 11/32  |
| 838-166 | 1¼ x ½    | 1 9/16  | 1/2   | 1 1/4  | 1 25/32  |
| 838-167 | 1¼ x ¾    | 1 9/16  | 3/4   | 1 1/4  | 1 13/16  |
| 838-168 | 1¼ x 1    | 1 9/16  | 19/32 | 1 1/4  | 1 13/16  |
| 838-209 | 1½ x ½    | 1 5/8   | 7/8   | 1 5/16 | 2        |
| 838-210 | 1½ x ¾    | 1 5/8   | 3/4   | 1 5/16 | 2        |
| 838-211 | 1½ x 1    | 1 11/16 | 13/16 | 11/16  | 2 1/16   |
| 838-212 | 1½ x 1¼   | 1 11/16 | 5/16  | 1 3/8  | 2 1/16   |
| 838-247 | 2 x ½     | 1 11/16 | 13/16 | 1 3/8  | 2 1/2    |
| 838-248 | 2 x ¾     | 1 11/16 | 15/16 | 1 3/8  | 2 1/2    |
| 838-249 | 2 x 1     | 1 11/16 | 5/8   | 1 3/8  | 2 1/2    |
| 838-250 | 2 x 1¼    | 1 13/16 | 15/16 | 1 1/2  | 2 9/16   |
| 838-251 | 2 x 1½    | 1 13/16 | 3/8   | 1 1/2  | 2 9/16   |
| 838-292 | 2½ x 2    | 2 5/16  | 3/4   | 2      | 3 1/8    |

## SCHEDULE 80 PVC

### Reducer Bushing (Flush Style) con't.

| Part No | Size (in) | L       | N       | SPG     | Hex O.D. |
|---------|-----------|---------|---------|---------|----------|
| 838-338 | 3 x 2     | 2 5/16  | 1 11/32 | 1 29/32 | 3 17/32  |
| 838-339 | 3 x 2½    | 2 3/8   | 13/16   | 2       | 3 5/8    |
| 838-420 | 4 x 2     | 2 7/16  | 1 1/2   | 2       | 4 1/2    |
| 838-422 | 4 x 3     | 2 21/32 | 7/8     | 2 1/4   | 4 9/16   |
| 838-532 | 6 x 4     | 3 15/32 | 2 1/8   | 2 31/32 | 6 3/4    |

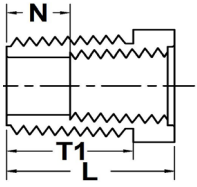
Hex outside diameter measured across hex flats



### Reducer Bushing (Flush Style)

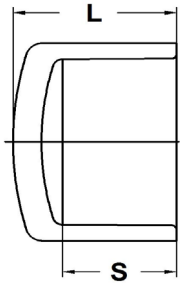
| Part No | Size (in) | L       | N     | T1      |
|---------|-----------|---------|-------|---------|
| 839-052 | ¾ x ¼     | 7/8     | 1/4   | 21/32   |
| 839-072 | ½ x ¼     | 1 1/8   | 1/2   | 3/4     |
| 839-073 | ½ x ⅜     | 1 1/8   | 1/2   | 25/32   |
| 839-098 | ¾ x ¼     | 1 1/8   | 1/2   | 25/32   |
| 839-099 | ¾ x ⅜     | 1 1/8   | 1/2   | 25/32   |
| 839-101 | ¾ x ½     | 1       | 5/16  | 11/16   |
| 839-128 | 1 x ¼     | 1 1/8   | 9/16  | 25/32   |
| 839-129 | 1 x ⅜     | 1 7/16  | 3/4   | 31/32   |
| 839-130 | 1 x ½     | 1 7/16  | 0.62  | 15/16   |
| 839-131 | 1 x ¾     | 1 1/8   | 3/8   | 3/4     |
| 839-166 | 1¼ x ½    | 1 11/32 | 0.55  | 7/8     |
| 839-167 | 1¼ x ¾    | 1 5/16  | 17/32 | 7/8     |
| 839-168 | 1¼ x 1    | 1 5/16  | 5/16  | 7/8     |
| 839-209 | 1½ x ½    | 13/32   | 5/8   | 31/32   |
| 839-210 | 1½ x ¾    | 1 7/16  | 5/8   | 1       |
| 839-211 | 1½ x 1    | 1 7/16  | 1/4   | 1       |
| 839-212 | 1½ x 1¼   | 1 7/16  | 13/32 | 1       |
| 839-247 | 2 x ½     | 13/32   | 5/8   | 1       |
| 839-248 | 2 x ¾     | 1 7/16  | 5/8   | 1 1/16  |
| 839-249 | 2 x 1     | 1 7/16  | 15/32 | 1 1/16  |
| 839-250 | 2 x 1¼    | 1 7/16  | 15/32 | 1 1/16  |
| 839-251 | 2 x 1½    | 1 1/2   | 15/32 | 1 3/32  |
| 839-292 | 2½ x 2    | 1 13/16 | 3/4   | 1 9/16  |
| 839-337 | 3 x 1½    | 2 1/16  | 31/32 | 1 5/8   |
| 839-338 | 3 x 2     | 2 1/32  | 1     | 1 5/8   |
| 839-339 | 3 x 2½    | 2 1/16  | 1/2   | 1 5/8   |
| 839-420 | 4 x 2     | 2 1/16  | 1     | 1 11/16 |
| 839-422 | 4 x 3     | 2 1/8   | 1/2   | 1 3/4   |

## SCHEDULE 80 PVC



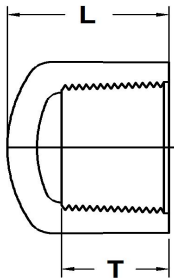
### Reducer Bushing (Flush Style)

| Part No | Size (in) | L     | N     | T1     |
|---------|-----------|-------|-------|--------|
| 845-249 | 2 x 1     | 1 1/2 | 15/32 | 1 1/16 |



### Cap

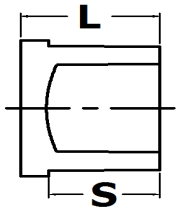
| Part No | Size (in) | L       | S       |
|---------|-----------|---------|---------|
| 847-002 | 1/4       | 31/32   | 5/8     |
| 847-003 | 3/8       | 1       | 3/4     |
| 847-005 | 1/2       | 1 7/32  | 15/16   |
| 847-007 | 3/4       | 1 3/8   | 1       |
| 847-010 | 1         | 1 5/8   | 1 1/8   |
| 847-012 | 1 1/4     | 1 13/16 | 1 9/32  |
| 847-015 | 1 1/2     | 2       | 1 13/32 |
| 847-020 | 2         | 2 3/32  | 1 1/2   |
| 847-025 | 2 1/2     | 2 11/16 | 1 7/8   |
| 847-030 | 3         | 2 31/32 | 1 31/32 |
| 847-040 | 4         | 3 1/8   | 2 1/2   |
| 847-060 | 6         | 4 15/16 | 3 1/16  |
| 847-080 | 8         | 6 9/16  | 4 3/8   |
| 847-100 | 10        | 8 1/2   | 5 1/32  |
| 847-120 | 12        | 10 7/32 | 6       |



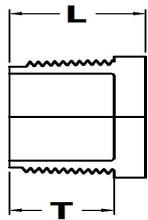
### Cap

| Part No | Size (in) | L       | T       |
|---------|-----------|---------|---------|
| 848-002 | 1/4       | 15/16   | 5/8     |
| 848-003 | 3/8       | 31/32   | 17/32   |
| 848-005 | 1/2       | 1 3/16  | 13/16   |
| 848-007 | 3/4       | 1 3/8   | 1       |
| 848-010 | 1         | 1 19/32 | 1 3/16  |
| 848-012 | 1 1/4     | 1 3/4   | 2 7/32  |
| 848-015 | 1 1/2     | 2       | 1 3/8   |
| 848-020 | 2         | 2 1/16  | 1 1/2   |
| 848-025 | 2 1/2     | 2 11/16 | 1 13/16 |
| 848-030 | 3         | 2 31/32 | 1 15/16 |
| 848-040 | 4         | 2 1/2   | 1 11/16 |

## SCHEDULE 80 PVC

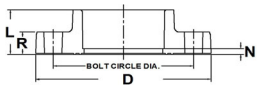


| Plug    |                 |                   |                  |
|---------|-----------------|-------------------|------------------|
| Part No | Size (in)       | L                 | S                |
| 849-007 | $\frac{3}{4}$   | 1 $\frac{9}{32}$  | 1 $\frac{1}{32}$ |
| 849-010 | 1               | 1 $\frac{13}{32}$ | 1 $\frac{1}{8}$  |
| 849-012 | 1 $\frac{1}{4}$ | 1 $\frac{5}{8}$   | 1 $\frac{9}{32}$ |
| 849-015 | 1 $\frac{1}{2}$ | 1 $\frac{11}{16}$ | 1 $\frac{3}{8}$  |
| 849-020 | 2               | 1 $\frac{29}{32}$ | 1 $\frac{1}{2}$  |



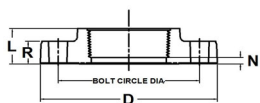
| Plug     |                 |                  |                   |
|----------|-----------------|------------------|-------------------|
| Part No  | Size (in)       | L                | T                 |
| 850-002  | $\frac{1}{4}$   | $\frac{7}{8}$    | $\frac{5}{8}$     |
| 850-003  | $\frac{3}{8}$   | $\frac{29}{32}$  | $\frac{5}{8}$     |
| 850-005  | $\frac{1}{2}$   | 1                | $\frac{3}{4}$     |
| 850-007  | $\frac{3}{4}$   | 1 $\frac{1}{16}$ | $\frac{25}{32}$   |
| 850-010  | 1               | 1 $\frac{1}{4}$  | 1                 |
| 850-012  | 1 $\frac{1}{4}$ | 1 $\frac{9}{32}$ | $\frac{27}{32}$   |
| 850-015  | 1 $\frac{1}{2}$ | 1 $\frac{3}{16}$ | $\frac{7}{8}$     |
| 850-020  | 2               | 2                | 1 $\frac{5}{8}$   |
| 850-025  | 2 $\frac{1}{2}$ | 2 $\frac{1}{16}$ | 1 $\frac{21}{32}$ |
| 850-030  | 3               | 2 $\frac{1}{8}$  | 1 $\frac{3}{4}$   |
| 850-040* | 4               | 2 $\frac{5}{32}$ | 1 $\frac{3}{4}$   |

\*Overall Length includes protruding feature on top of part

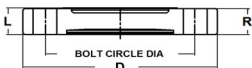


| Flange (Solid Style) |                 |                    |                   |                |                  |                   |
|----------------------|-----------------|--------------------|-------------------|----------------|------------------|-------------------|
| Part No              | Size (in)       | D                  | L                 | N              | R                | Bolt Circle Dia.  |
| 851-005              | $\frac{1}{2}$   | 3 $\frac{1}{2}$    | 1                 | $\frac{1}{8}$  | $\frac{15}{32}$  | 2 $\frac{11}{32}$ |
| 851-007              | $\frac{3}{4}$   | 3 $\frac{29}{32}$  | 1 $\frac{5}{32}$  | $\frac{1}{8}$  | $\frac{1}{2}$    | 2 $\frac{3}{4}$   |
| 851-010              | 1               | 4 $\frac{9}{32}$   | 1 $\frac{9}{32}$  | $\frac{3}{16}$ | $\frac{19}{32}$  | 3 $\frac{3}{32}$  |
| 851-012              | 1 $\frac{1}{4}$ | 4 $\frac{21}{32}$  | 1 $\frac{13}{32}$ | $\frac{3}{16}$ | $\frac{5}{8}$    | 3 $\frac{7}{16}$  |
| 851-015              | 1 $\frac{1}{2}$ | 5                  | 1 $\frac{17}{32}$ | $\frac{1}{8}$  | $\frac{11}{16}$  | 3 $\frac{27}{32}$ |
| 851-020              | 2               | 6 $\frac{1}{32}$   | 1 $\frac{11}{16}$ | $\frac{3}{16}$ | $\frac{25}{32}$  | 4 $\frac{3}{4}$   |
| 851-025              | 2 $\frac{1}{2}$ | 7                  | 2 $\frac{3}{32}$  | $\frac{5}{16}$ | $\frac{15}{16}$  | 5 $\frac{1}{2}$   |
| 851-030              | 3               | 7 $\frac{1}{2}$    | 2 $\frac{1}{8}$   | $\frac{1}{4}$  | 1                | 6                 |
| 851-040              | 4               | 9                  | 2 $\frac{1}{2}$   | $\frac{1}{4}$  | 1                | 7 $\frac{7}{16}$  |
| 851-060              | 6               | 10 $\frac{31}{32}$ | 3 $\frac{7}{16}$  | $\frac{7}{16}$ | 1 $\frac{5}{16}$ | 9 $\frac{1}{2}$   |

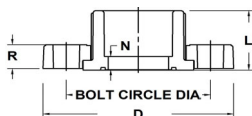
# SCHEDULE 80 PVC



| Flange (Solid Style) |           |        |         |       |       |                  |
|----------------------|-----------|--------|---------|-------|-------|------------------|
| Part No              | Size (in) | D      | L       | N     | R     | Bolt Circle Dia. |
| 852-005              | ½         | 3 1/2  | 15/16   | 3/16  | 7/16  | 2 11/32          |
| 852-007              | ¾         | 3 7/8  | 1 1/8   | 5/16  | 1/2   | 2 3/4            |
| 852-010              | 1         | 4 1/4  | 1 3/16  | 3/16  | 9/16  | 3 1/8            |
| 852-012              | 1¼        | 4 5/8  | 1 3/8   | 1/4   | 5/8   | 3 15/32          |
| 852-015              | 1½        | 5      | 1 1/2   | 13/32 | 23/32 | 3 7/8            |
| 852-020              | 2         | 6 3/32 | 1 11/16 | 19/32 | 25/32 | 4 23/32          |
| 852-025              | 2½        | 7      | 1 7/8   | 3/16  | 7/8   | 5 15/32          |
| 852-030              | 3         | 7 1/2  | 1 7/8   | 13/32 | 1     | 6                |
| 852-040              | 4         | 9 3/32 | 2 3/8   | 9/16  | 15/16 | 7 7/16           |



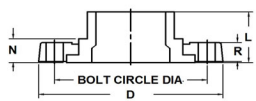
| Flange  |           |        |       |        |                  |
|---------|-----------|--------|-------|--------|------------------|
| Part No | Size (in) | D      | L     | R      | Bolt Circle Dia. |
| 853-005 | ½         | 3 1/2  | 1/2   | 7/16   | 2 3/8            |
| 853-007 | ¾         | 3 7/8  | 1/2   | 7/16   | 2 3/4            |
| 853-010 | 1         | 4 1/4  | 19/32 | 19/32  | 3 1/8            |
| 853-012 | 1¼        | 4 5/8  | 5/8   | 9/16   | 3 1/2            |
| 853-015 | 1½        | 5      | 13/16 | 23/32  | 3 7/8            |
| 853-020 | 2         | 6      | 15/16 | 3/4    | 4 3/4            |
| 853-025 | 2½        | 7      | 1     | 29/32  | 5 7/16           |
| 853-030 | 3         | 7 1/2  | 1     | 7/8    | 6                |
| 853-040 | 4         | 9      | 1 3/8 | 1 1/8  | 7 1/2            |
| 853-060 | 6         | 11     | 1 1/2 | 1 3/4  | 9 1/2            |
| 853-080 | 8         | 13 1/2 | 1 5/8 | 1 7/16 | 11 3/4           |



| Flange (Loose Ring) |           |          |         |      |         |                  |
|---------------------|-----------|----------|---------|------|---------|------------------|
| Part No             | Size (in) | D        | L       | N    | R       | Bolt Circle Dia. |
| 854-005             | ½         | 3 1/2    | 1       | 1/8  | 19/32   | 2 3/8            |
| 854-007             | ¾         | 3 7/8    | 1 5/32  | 1/8  | 19/32   | 2 3/4            |
| 854-010             | 1         | 4 1/4    | 1 3/8   | 1/8  | 21/32   | 3 1/8            |
| 854-012             | 1¼        | 4 5/8    | 1 1/2   | 1/8  | 11/16   | 3 1/2            |
| 854-015             | 1½        | 5        | 1 11/16 | 1/4  | 3/4     | 3 7/8            |
| 854-020             | 2         | 6        | 1 3/4   | 3/16 | 13/16   | 4 3/4            |
| 854-030FT           | 3         | 7 19/32  | 2 1/8   | 3/16 | 1       | 6                |
| 854-040FT           | 4         | 9 1/16   | 2 1/2   | 1/4  | 1 7/32  | 7 7/16           |
| 854-050FT           | 5         | 10       | 2 7/8   | 1/4  | 1 1/4   | 8 1/2            |
| 854-060FT           | 6         | 10 15/16 | 3 9/32  | 1/4  | 1 5/16  | 9 1/2            |
| 854-080FT           | 8         | 13 9/16  | 4 1/2   | 1/4  | 1 1/2   | 11 3/4           |
| 854-100FT           | 10        | 16       | 6       | 7/16 | 1 9/16  | 14 3/8           |
| 854-120FT           | 12        | 19 1/32  | 7 17/32 | 9/16 | 1 11/16 | 17               |

FT Represents FiberTuff Ring.

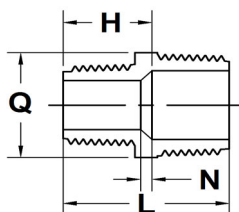
# SCHEDULE 80 PVC



## Flange (Loose Ring)

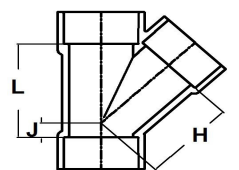
| Part No   | Size (in) | D        | L       | N       | R       | Bolt Circle Dia. |
|-----------|-----------|----------|---------|---------|---------|------------------|
| 856-005   | ½         | 3 1/2    | 1 3/4   | 7/8     | 17/32   | 2 3/8            |
| 856-007   | ¾         | 3 7/8    | 1 7/8   | 13/16   | 19/32   | 2 3/4            |
| 856-010   | 1         | 4 1/4    | 2 1/8   | 15/16   | 21/32   | 3 1/8            |
| 856-012   | 1¼        | 4 5/8    | 2 9/32  | 31/32   | 11/16   | 3 1/2            |
| 856-015   | 1½        | 5        | 2 1/2   | 1 1/16  | 3/4     | 3 7/8            |
| 856-020   | 2         | 6        | 2 13/16 | 1 7/32  | 13/16   | 4 3/4            |
| 856-030FT | 3         | 7 19/32  | 3 11/32 | 1 5/16  | 1       | 5 15/16          |
| 856-040FT | 4         | 9        | 3 7/8   | 1 5/8   | 1 7/32  | 7 7/16           |
| 856-050FT | 5         | 10       | 4 1/2   | 1 1/2   | 1 1/4   | 8 1/2            |
| 856-060FT | 6         | 10 15/16 | 4 11/16 | 1 19/32 | 1 5/16  | 9 1/2            |
| 856-080FT | 8         | 13 9/16  | 6 1/4   | 1 11/16 | 1 15/32 | 11 3/4           |
| 856-100FT | 10        | 16       | 7 13/32 | 1 7/8   | 1 9/16  | 14 3/8           |
| 856-120FT | 12        | 19       | 9       | 1 15/16 | 1 21/32 | 17 1/32          |

FT Represents FiberTuff Ring.



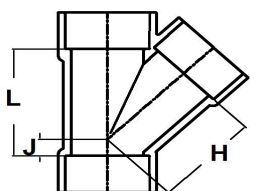
## Reducing TBE Nipple

| Part No | Size (in) | L     | N   | H     | Q     |
|---------|-----------|-------|-----|-------|-------|
| 882-101 | ¾ x ½     | 1 1/2 | 1/8 | 25/32 | 1 1/8 |



## WYE

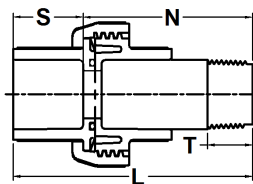
| Part No | Size (in) | L       | J       | H       |
|---------|-----------|---------|---------|---------|
| 875-020 | 2         | 3 19/32 | 5/8     | 3       |
| 875-030 | 3         | 5 23/32 | 1       | 6 21/32 |
| 875-040 | 4         | 6 9/16  | 1       | 5 3/4   |
| 875-060 | 6         | 9 1/2   | 1 13/32 | 8 1/16  |
| 875-080 | 8         | 13 9/32 | 2 1/32  | 11 1/4  |



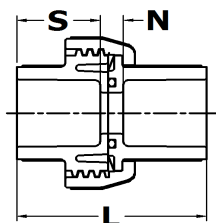
## Reducing WYE

| Part No  | Size (in) | L       | J      | H        |
|----------|-----------|---------|--------|----------|
| 875-420* | 4 x 4 x 2 | 6 9/16  | 1      | 7 1/32   |
| 875-422* | 4 x 4 x 3 | 6 9/16  | 1      | 6 1/2    |
| 875-528* | 6 x 6 x 2 | 6 19/32 | 0      | 8 7/16   |
| 875-530* | 6 x 6 x 3 | 6 19/32 | 0      | 7 27/32  |
| 875-532  | 6 x 6 x 4 | 6 19/32 | 0      | 7 1/8    |
| 875-578* | 8 x 8 x 2 | 8       | 3/8    | 10 13/16 |
| 875-580* | 8 x 8 x 3 | 8       | 3/8    | 10 1/4   |
| 875-582  | 8 x 8 x 4 | 8       | 3/8    | 9 1/2    |
| 875-585* | 8 x 8 x 6 | 13 9/32 | 2 3/32 | 16 1/16  |

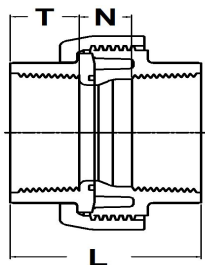
## SCHEDULE 80 PVC



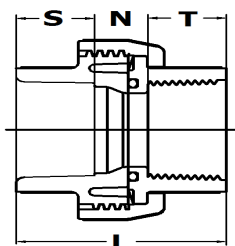
| Union (O-Ring Type) |           |         |         |         |        |
|---------------------|-----------|---------|---------|---------|--------|
| Part No             | Size (in) | L       | S       | N       | T      |
| 896-005             | ½         | 3 1/4   | 15/16   | 2 5/16  | 25/32  |
| 896-007             | ¾         | 3 21/32 | 1 1/16  | 2 19/32 | 5/8    |
| 896-010             | 1         | 3 27/32 | 1 3/16  | 2 11/16 | 13/16  |
| 896-012             | 1¼        | 4 1/8   | 1 5/16  | 2 13/16 | 1 1/8  |
| 896-015             | 1½        | 5 9/32  | 1 7/16  | 3 27/32 | 1      |
| 896-020             | 2         | 5 1/16  | 1 19/32 | 3 1/2   | 1 1/4  |
| 896-030             | 3         | 5 1/2   | 2       | 3 1/2   | 1 3/32 |
| 896-168             | 1¼ x 1    | 4 7/32  | 1 5/16  | 2 29/32 | 15/16  |



| Union (O-Ring Type) |           |         |       |         |
|---------------------|-----------|---------|-------|---------|
| Part No             | Size (in) | L       | N     | S       |
| 897-002             | ¼         | 1 5/8   | 3/8   | 5/8     |
| 897-003             | ⅜         | 1 15/16 | 13/32 | 25/32   |
| 897-005             | ½         | 2 5/32  | 5/16  | 15/16   |
| 897-007             | ¾         | 2 7/16  | 1/4   | 1 3/32  |
| 897-010             | 1         | 2 23/32 | 3/8   | 1 3/16  |
| 897-012             | 1¼        | 3       | 3/8   | 1 5/16  |
| 897-015             | 1½        | 3 1/4   | 3/8   | 1 7/16  |
| 897-020             | 2         | 3 9/16  | 7/16  | 1 19/32 |
| 897-030             | 3         | 4 7/16  | 15/32 | 2       |



| Union (O-Ring Type) |           |         |       |         |
|---------------------|-----------|---------|-------|---------|
| Part No             | Size (in) | L       | N     | T       |
| 898-005             | ½         | 1 15/16 | 1/2   | 23/32   |
| 898-007             | ¾         | 2       | 17/32 | 3/4     |
| 898-010             | 1         | 2 3/8   | 19/32 | 7/8     |
| 898-012             | 1¼        | 2 7/16  | 5/8   | 15/16   |
| 898-015             | 1½        | 2 17/32 | 11/16 | 15/16   |
| 898-020             | 2         | 2 29/32 | 15/16 | 1       |
| 898-030             | 3         | 4       | 1 1/8 | 1 7/16  |
| 898-040             | 4         | 4 11/16 | 1 5/8 | 1 17/32 |



| Union (O-Ring Type) |           |         |       |         |        |
|---------------------|-----------|---------|-------|---------|--------|
| Part No             | Size (in) | L       | N     | S       | T      |
| 899-005             | ½         | 2 5/32  | 17/32 | 15/16   | 23/32  |
| 899-007             | ¾         | 2 11/32 | 17/32 | 1 3/32  | 3/4    |
| 899-010             | 1         | 2 3/8   | 5/16  | 1 3/16  | 7/8    |
| 899-012             | 1¼        | 2 27/32 | 19/32 | 1 5/16  | 15/16  |
| 899-015             | 1½        | 3       | 11/16 | 1 7/16  | 29/32  |
| 899-020             | 2         | 3 15/32 | 27/32 | 1 19/32 | 1 1/32 |

