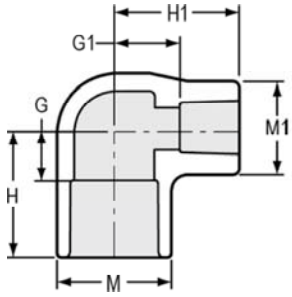
## 90° Ell - Reducing

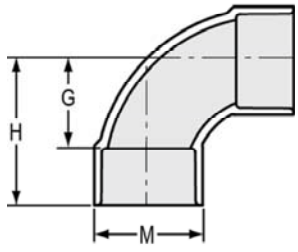
Socket x Socket




| Part Number | Size | G | G1 | H | H1 | M | M1 | Approx. Wt. (Lbs.) |
|---|---|---|---|---|---|---|---|---|
| 406-053 | 1/2X3/8 | 1-5/32 | 7/16 | 1-23/32 | 1-15/16 | 1- 1/8 | 29/32 | .05 |
| 406-101 | 3/4X1/2 | 1/2 | 19/32 | 1- 1/2 | 1-11/32 | 1- 5/16 | 1- 3/32 | .06 |
| D406-101 | 3/4X1/2 | 19/32 | 21/32 | 1-17/32 | 1-29/32 | 1- 5/16 | 1- 1/8 | .07 |
| 406-130 | 1X1/2 | 15/32 | 3/4 | 1-17/32 | 1-1/2 | 1- 5/8 | 1-3/32 | .08 |
| D406-130 | 1X1/2 | 5/8 | 13/16 | 1-11/16 | 2-1/16 | 1- 5/8 | 1- 3/32 | .12 |
| 406-131 | 1X3/4 | 21/32 | 13/16 | 1-25/32 | 1-13/16 | 1-5/8 | 1- 5/16 | .11 |
| 406-166 | 1-1/4X1/2 | 9/16 | 1 | 1-13/16 | 1- 3/4 | 2 | 1- 3/32 | .11 |
| D406-166 | 1-1/4X1/2 | 9/16 | 1 | 1-13/16 | 2- 1/4 | 2 | 1- 3/32 | .13 |
| 406-167 | 1-1/4X3/4 | 23/32 | 1 | 1-31/32 | 1-15/16 | 2 | 1- 5/16 | .12 |
| 406-168 | 1-1/4X1 | 11/16 | 7/8 | 1-15/16 | 2 | 2 | 1-21/32 | .16 |
| 406-209 | 1-1/2X1/2 | 9/16 | 1- 1/8 | 1-7/8 | 1- 7/8 | 2-1/4 | 1- 3/32 | .15 |
| 406-211 | 1-1/2X1 | 13/16 | 1-1/8 | 2- 1/8 | 2-3/16 | 2- 1/4 | 1- 5/8 | .20 |
| 406-212 | 1-1/2X1-1/4 | 1 | 1- 3/32 | 2- 9/32 | 2-11/32 | 2-1/4 | 2 | .23 |
| 406-249 | 2X1 | 13/16 | 1-3/8 | 2-3/16 | 2-1/2 | 2-3/4 | 1-5/8 | .29 |
| 406-250 | 2X1-1/4 | 1 | 1- 3/8 | 2-3/8 | 2-5/8 | 2-3/4 | 2 | .30 |
| 406-251 | 2X1-1/2 | 1-1/16 | 1-9/32 | 2-15/32 | 2- 9/16 | 2- 3/4 | 2- 1/4 | .32 |
| 406-251N | 2X1-1/2 | 1- 1/16 | 1-21/32 | 2- 7/16 | 2-15/16 | 2- 3/4 | 2- 3/8 | .42 |
| 406-292 | 2-1/2X2 | 1- 1/4 | 2-5/16 | 3 | 3-11/16 | 3-11/32 | 2-7/8 | .55 |
| 406-292N | 2-1/2X2 (2-1/2 Spigot) | 1- 1/4 | 2-5/16 | 3 | 3-11/16 | 3-11/32 | 2- 7/8 | .55 |

## 90° Ell - Sweep

Socket x Socket




| Part Number | Size | G | H | M | Approx. Wt. (Lbs.) |
|---|---|---|---|---|---|
| 406-005S | 1/2 | 1 | 1-3/4 | 1-3/32 | .06 |
| 406-007S | 3/4 | 1-1/16 | 2-1/16 | 1-13/32 | .09 |
| 406-010S | 1 | 1-5/16 | 2-3/8 | 1-5/8 | .15 |
| 406-012S | 1-1/4 | 1- 9/16 | 2-13/16 | 2- 3/32 | .23 |
| 406-015S | 1-1/2 | 1-25/32 | 3-3/32 | 2-9/32 | .31 |
| 406-020S | 2 | 2-5/16 | 3-11/16 | 2-13/16 | .51 |
| 406-025S | 2-1/2 | 2-13/16 | 4-19/32 | 3-11/32 | .90 |
| 406-030S | 3 | 3-7/32 | 4-5/32 | 4-1/16 | 1.39 |

# Schedule 40 Fittings Dimensions & Information

## Injection Molded Dimension References:

**G =** (LAYING LENGTH) Intersection of center lines to bottom of socket/thread; 90° elbows, tees, crosses; ± 1/32 inch.
**H =** Intersection of center lines to face of fitting; 90° elbows tees, crosses; ± 1/32 inch.
**J =** Intersection of center lines to bottom of socket/thread; 45° elbows; ± 1/32 inch

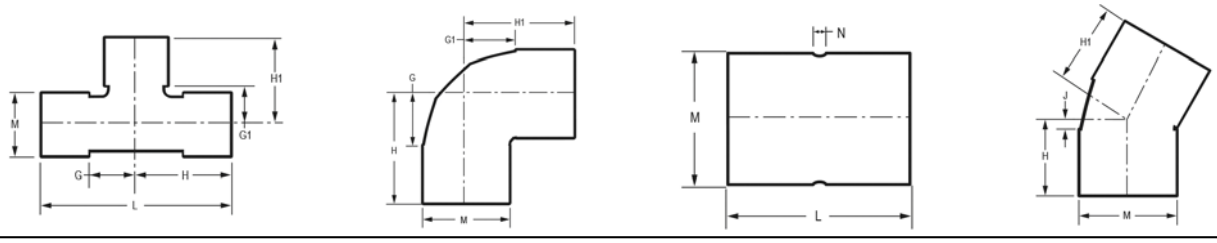
**L =** Overall length of fittings; ± 1/16 inch.
**M =** Outside diameter of socket/thread hub; ± 1/16 inch.
**N =** Socket bottom to socket bottom; couplings; ± 1/16 inch.
**W =** Height of cap; ± 1/16 inch.

## Fabricated Dimension References:

**G =** (LAYING LENGTH) Intersection of center lines to bottomof socket/thread; 90° elbows, tees, crosses; ± 1/4 inch; 14" & larger ± 1/2 inch.
**H =** Intersection of center lines to face of fitting; 90° elbows ± 1/4 inch, 14" & larger ± 3/4 inch; wyes ± 1/2 inch; tees, crosses ± 1/4 inch; 14" larger ± 1/2 inch.
**J =** Intersection of center lines to bottom of socket/thread;45° elbows; ± 1/4 inch; 14" & larger ± 1/2 inch.

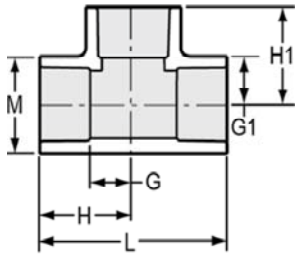
**L =** Overall length of fittings; ± 1/2 inch.; wyes ± 1 inch; 14" & larger ± 1 inch.
**M =** Outside diameter of socket/thread hub; ± 1/4 inch.
**N =** Socket bottom to socket bottom; couplings; ± 1/2 inch.
**W =** Height of cap; ± 1/4 inch.

## Typical Fabricated Dimension References




## Tee

Socket x Socket x Socket




| Part Number | Size | G | G1 | H | H1 | L | M | Approx. Wt. (Lbs.) |
|---|---|---|---|---|---|---|---|---|
| 401-003 | 3/8 | 3/8 | 3/8 | 1- 1/8 | 1- 1/8 | 2- 1/4 | 29/32 | .03 |
| 401-005 | 1/2 | 1/2 | 1/2 | 1- 1/4 | 1- 1/4 | 2- 1/2 | 1- 3/32 | .06 |
| 401-007 | 3/4 | 9/16 | 9/16 | 1- 9/16 | 1- 9/16 | 3- 1/8 | 1- 5/16 | .09 |
| 401-010 | 1 | 11/16 | 11/16 | 1- 3/4 | 1- 3/4 | 3- 1/2 | 1- 5/8 | .15 |
| 401-012 | 1-1/4 | 7/8 | 7/8 | 2- 1/8 | 2- 1/8 | 4- 1/4 | 2 | .25 |
| 401-015 | 1-1/2 | 1-1/8 | 1-1/8 | 2-3/8 | 2-3/8 | 4-3/4 | 2- 1/4 | .35 |
| 401-020 | 2 | 1- 3/8 | 1- 3/8 | 2- 3/4 | 2- 3/4 | 5- 1/2 | 2- 3/4 | .50 |
| 401-025 | 2-1/2 | 1-21/32 | 1-21/32 | 3-13/32 | 3-13/32 | 6-13/16 | 3-5/16 | .96 |
| 401-030 | 3 | 1-15/16 | 1-15/16 | 3-27/32 | 3-27/32 | 7-11/16 | 4 | 1.44 |
| 401-040 | 4 | 2-7/16 | 2-7/16 | 4- 7/16 | 4- 7/16 | 8- 7/8 | 5- 1/32 | 2.34 |
| 401-050 | 5 | 3 | 3 | 6-1/32 | 6-1/32 | 12-1/16 | 6- 5/32 | 4.58 |
| 401-060 | 6 | 3- 5/8 | 3- 5/8 | 6-21/32 | 6-21/32 | 13- 5/16 | 7- 9/32 | 5.89 |
| 401-080 | 8 | 4- 1/2 | 4- 1/2 | 8-17/32 | 8-17/32 | 17- 1/16 | 9-11/32 | 11.57 |
| 401-100 | 10 | 5-13/16 | 5-13/16 | 10-27/32 | 10-27/32 | 21-11/16 | 11-5/8 | 24.00 |
| 401-100F* | 10 | 9- 7/8 | 9- 3/8 | 15- 1/8 | 14- 5/8 | 30- 1/4 | 11- 1/2 | 36.41 |
| 401-120 | 12 | 6-15/16 | 6-15/16 | 12-31/32 | 12-31/32 | 25-15/16 | 13-11/16 | 37.29 |