



# NO-LEAD CORPORATION STOPS



CAMBRIDGE BRASS INC.

140 Orion Place, Cambridge, Ontario, N1R 5V1, Canada  
[www.cambridgebrass.com](http://www.cambridgebrass.com)

© 2014 Cambridge Brass Inc. JULY2014 RCAMB2014





# CORPORATION STOPS

## TABLE OF CONTENTS

|                                      |       |       |
|--------------------------------------|-------|-------|
| Glossary of Abbreviations _____      | Page  | 2     |
| O.D. Chart _____                     | Page  | 2     |
| Product Information _____            | Page  | 3     |
| Installation Instructions _____      | Page  | 4     |
| Tapping Machine Adaptor Chart _____  | Page  | 4     |
| Part Number Sheet _____              | Page  | 5     |
| Ball style Corporation Stops         |       |       |
| AWWA Inlet Thread _____              | Pages | 6-9   |
| MIP Inlet Thread _____               | Pages | 10-13 |
| Plug Style Corporation Stops         |       |       |
| AWWA Inlet Thread _____              | Pages | 14-17 |
| MIP Inlet Thread _____               | Pages | 18-21 |
| Ball Style Corporation with TEE Head |       |       |
| AWWA Inlet Thread _____              | Pages | 22-23 |
| MIP Inlet Thread _____               | Pages | 24-25 |
| Ball Style Open Right Cap _____      | Page  | 26    |
| Corporation Stops (PARTS) _____      | Page  | 27    |
| Square Head Tapping Plug _____       | Page  | 28    |

# CORPORATION STOPS

## Glossary of Abbreviations

MIP = MALE IRON PIPE THREAD

IPS/PEP SIZE = I.D. CONTROLLED POLYETHYLENE PIPE

FIP = FEMALE IRON PIPE THREAD

PVC SIZE = POLY VINYL CHLORIDE PIPE

FCFT = FEMALE COPPER FLARE

All fittings in this section are made of no lead material.

No lead is defined with "NL" after series number.



KITEC/Q-LINE connection is available on all 3/4" & 1" size Corporation stops.

## Outside Diameter

|              |            |                     | 1/2"  | 5/8"  | 3/4"  | 1"    | 1 1/4" | 1 1/2" | 2"    |
|--------------|------------|---------------------|-------|-------|-------|-------|--------|--------|-------|
| Poly Tubing  | SDR        | CTS                 | .625  | -     | .875  | 1.125 | 1.375  | 1.625  | 2.125 |
| Copper       | TYPE       | K                   | .625  | -     | .875  | 1.125 | 1.375  | 1.625  | 2.125 |
| Poly Pipe    | SIDR7      | IPS<br>PEP          | -     | -     | 1.060 | 1.349 | 1.774  | 2.070  | 2.657 |
| PVC          | SCH 40, 80 |                     | -     | -     | 1.050 | 1.315 | 1.660  | 1.900  | 2.375 |
| Gal. Pipe    |            |                     | -     | -     | 1.050 | 1.315 | 1.660  | 1.900  | 2.375 |
| KITEC/Q-LINE |            |                     | -     | -     | .980  | 1.260 | -      | -      | -     |
| Lead Pipe    |            | Strong              | -     | 1.019 | 1.156 | 1.428 | -      | -      | -     |
|              |            | Extra Strong        | .876  | 1.082 | 1.212 | 1.492 | 1.765  | 2.076  | 2.751 |
|              |            | Double Extra Strong | 1.012 | 1.137 | 1.336 | 1.596 | -      | -      | -     |

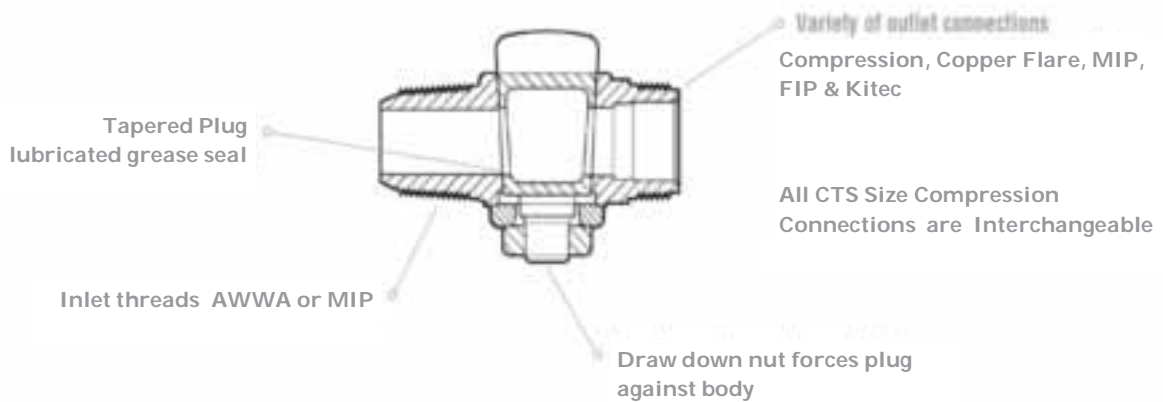
# CORPORATION STOPS

## PRODUCT INFORMATION

all waterworks brass conforms to AWWA standard C-300

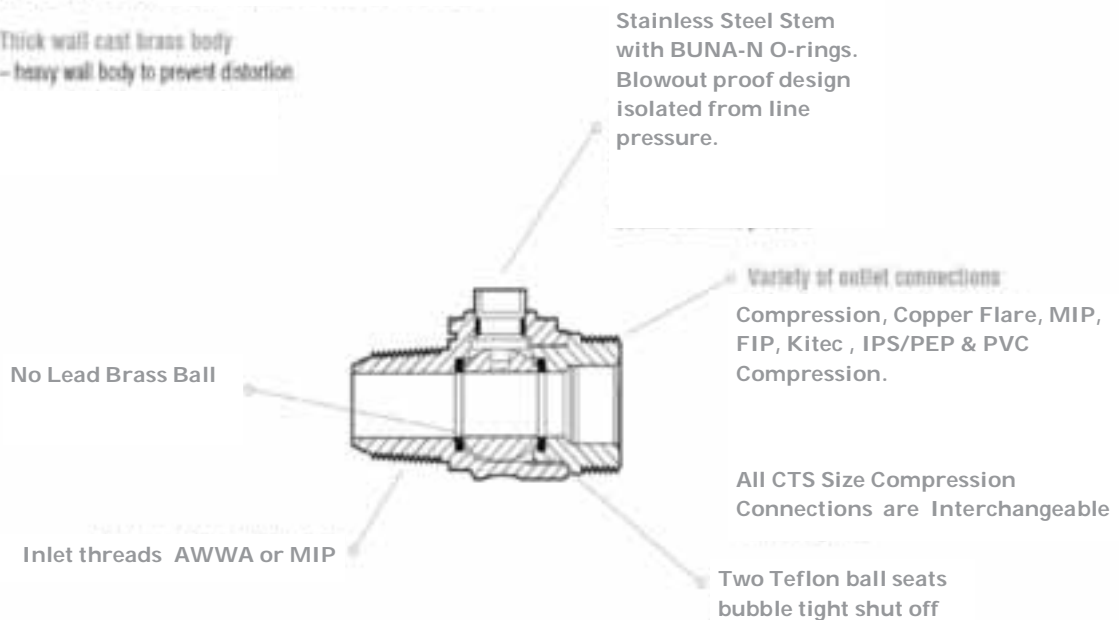
**PLUG VALVES** Maximum working pressure on 1/2" thru 1" is 100 PSI

- Thick wall cast brass body
- one piece cast brass body
- square body for easy wrench grip



**BALL VALVES** Working pressure on 1/2" thru 2" is 300 PSI

- Thick wall cast brass body
- heavy wall body to prevent distortion



# CORPORATION STOPS

## MAINSTOP INSTALLATION- INSTRUCTIONS

Valves may be installed directly into either a dry main or a main under pressure with a standard tapping machine with or without a saddle. Consult the pipe manufacturer for their recommendation.

When direct tapping into mains, ensure that the tapping tool used is in good condition and that the tapped hole is made to the correct size. Check that the main stop inlet thread and tap are the same thread type. Always apply Teflon sealant to the valve inlet threads. A correctly installed valve will have valve inlet threads still visible.

Large wrench flats are provided on both the plug and ball style bodies for tightening and are to be used with a smooth flat jaw adjustable wrench. Careful attention must be made to fully engage the wrench with a snug fit on the valve body flats. This will ensure there are no leaks from distortion. Do not use a pipe wrench as this may distort the valve body. Do not over tighten as this may also damage the valve.

When using a tapping machine adaptor to tighten the valve in place, ensure the correct adaptor is used, and the adaptor threads match the outlet threads (see Tapping Machine Adaptor chart below)

### DRILLING MACHINE ADAPTORS FOR ALL STYLES OF CAMBRIDGE MAINSTOPS

| Drilling and Tapping Machines |             |           |        |               |               |               |          |            |            |            |             |                  |
|-------------------------------|-------------|-----------|--------|---------------|---------------|---------------|----------|------------|------------|------------|-------------|------------------|
|                               |             | Mueller   |        |               |               |               | Ford     | Hays       |            |            | Romac       | Footage          |
| Outlet Size                   | Code Outlet | B100 B101 | No. B  | No. A2 No. A3 | No. E4 No. E5 | No. D4 No. D5 | Model 77 | No. 5930   | No. 5935   | No. B-1    | Tapmate TOO | Mini-Tap XL T752 |
| B, GJ, H & J                  | ¾"          | 680600    | 680600 | 680600        | 52019         | 37902         | DMA2-3   | 354-05-506 | 355-05-506 | 353-06-106 | 351-05-506  | T752-20          |
|                               | 1"          | 680601    | 680601 | 680601        | 36750         | 37903         | DMA2-4   | 354-05-508 | 355-05-508 | 353-06-108 | 351-05-508  | T752-21          |
|                               | 1 ¼"        | 680602    | -      | 680602        | 45385         | 37904         | DMA2-5   | 354-05-510 | 355-05-510 | 353-06-110 | 351-05-510  | T752-22          |
|                               | 1 ½"        | -         | -      | 680421        | 501949        | 507644        | DMA4-6-Q | -          | 355-05-712 | -          | 351-05-712  | T752-42          |
|                               | 2"          | -         | -      | 680422        | 508199        | 507645        | DMA4-7-Q | -          | 355-05-716 | -          | 351-05-716  | T752-43          |
| Copper Flare C                | ¾"          | 680600    | 680600 | 680600        | 52019         | 37902         | DMA2-3   | 354-05-506 | 355-05-506 | 353-06-106 | 351-05-506  | T752-20          |
|                               | 1"          | 680601    | 680601 | 680601        | 36750         | 37903         | DMA2-4   | 354-05-508 | 355-05-508 | 353-06-108 | 351-05-508  | T752-21          |
|                               | 1 ¼"        | 680602    | -      | 680602        | 45385         | 37904         | DMA2-5   | 354-05-510 | 355-05-510 | 353-06-110 | 351-05-510  | T752-22          |
|                               | 1 ½"        | -         | -      | 88640         | 501947        | 37905         | DMA2-6   | -          | 355-05-512 | -          | 351-05-512  | T752-23          |
| PE & PJ                       | ¾"          | 680601    | 680601 | 680601        | 36750         | 37903         | DMA2-4   | 354-05-508 | 355-05-508 | 353-06-108 | 351-05-508  | T752-21          |
|                               | 1"          | 680602    | -      | 680602        | 45385         | 37904         | DMA2-5   | 354-05-510 | 355-05-510 | 353-06-110 | 351-05-510  | T752-22          |
|                               | 1 ¼"        | -         | -      | 680421        | 501949        | 507644        | DMA4-6-Q | -          | 355-05-712 | -          | 351-05-712  | T752-42          |
|                               | 1 ½"        | -         | -      | 680422        | 508199        | 507645        | DMA4-7-Q | -          | 355-05-716 | -          | 351-05-716  | T752-43          |
|                               | 2"          | -         | -      | 88641         | 508201        | 37906         | DMA2-7   | -          | Not Req'd  | -          | 351-06-516  | T752-24          |
| MIP M                         | ¾"          | 680631    | 680631 | 680631        | 36919         | 36910         | DMA1-3   | 354-05-406 | 355-05-406 | 353-06-306 | 351-05-406  | -                |
|                               | 1"          | 680632    | 680632 | 680632        | 36917         | 36911         | DMA1-4   | 354-05-408 | 355-05-408 | 353-06-308 | 351-05-408  | -                |
|                               | 1 ¼"        | -         | -      | -             | 36928         | 36912         | DMA1-5   | 354-05-410 | 355-05-410 | -          | 351-05-410  | -                |
|                               | 1 ½"        | -         | -      | -             | 501948        | 36913         | DMA1-6   | -          | 355-05-412 | -          | 351-05-412  | -                |
|                               | 2"          | -         | -      | -             | 508200        | 36525         | DMA1-7   | -          | 355-05-416 | -          | 351-05-416  | -                |
| FIP F                         | ¾"          | 680595    | 680595 | 680595        | 36920         | 33556         | -        | 354-05-606 | -          | 353-06-406 | 351-05-606  | -                |
|                               | 1"          | 680596    | 680596 | 680596        | 36918         | 36323         | -        | 354-05-608 | -          | 353-06-408 | 351-05-608  | -                |
|                               | 1 ¼"        | 680597    | 680597 | 680597        | 36733         | 36195         | -        | 354-05-610 | -          | -          | 351-05-610  | -                |
|                               | 1 ½"        | -         | -      | -             | 503435        | 36196         | DMA8-6   | -          | -          | -          | 351-05-612  | -                |
|                               | 2"          | -         | -      | -             | 78907         | 36188         | DMA8-7   | -          | -          | -          | 351-05-616  | -                |
| Internal Drive ID             | ¾"          | -         | -      | 680654        | -             | -             | -        | -          | -          | -          | -           | -                |
|                               | 1"          | -         | -      | 680655        | -             | -             | -        | -          | -          | -          | -           | -                |
|                               | 1 ¼"        | -         | -      | -             | -             | -             | -        | -          | -          | -          | -           | -                |
|                               | 1 ½"        | -         | -      | 58483         | -             | -             | DMA1-67  | -          | -          | -          | -           | -                |
|                               | 2"          | -         | -      | 58484         | -             | -             | DMA1-78  | -          | -          | -          | -           | -                |

# CORPORATION STOPS

## PART NUMBERING SHEET

### (EXAMPLE)

| SERIES  |  |
|---------|--|
| 301NL - | BALL CORPORATION STOPS                     |
| 302NL - | PLUG STYLE CORPORATION STOP                |
| 305NL - | CORPORATION STOP REPLACEMENT PIECES        |
| 306NL - | 1/8 BEND CORPORATION COUPLING              |
| 307NL - | 1/4 BEND CORPORATION COUPLING              |
| 311NL - | BALL STYLE CORPORATION STOPS WITH TEE HEAD |

| OUTLET CONNECTION |                                 |
|-------------------|---------------------------------|
| B-                | CAMPAK COMPRESSION              |
| C-                | COPPER FLARE                    |
| CE-               | COPPER FLARE W/EL. CONNECTION   |
| F-                | FEMALE IRON PIPE                |
| GJ-               | GRIP JOINT                      |
| H-                | CB COMPRESSION                  |
| HE-               | CB COMPRESSION W/EL. CONNECTION |
| ID-               | INSIDE DRIVING THREAD           |
| J-                | HAYSTITE COMPRESSION            |
| K-                | KITEC                           |
| KE-               | KITEC W/EL. CONNECTION          |
| M-                | MALE IRON PIPE                  |
| PE-               | IPS/PEP COMPRESSION             |
| PJ-               | PVC COMPRESSION                 |

**301NL-M4H4**

| INLET CONNECTION |                            |
|------------------|----------------------------|
| A-               | AWWA TAPPERED THREAD       |
| M-               | MALE IRON PIPE             |
| P-               | FEMALE COPPER FLARE THREAD |

| OUTLET SIZE |        |
|-------------|--------|
| 1-          | 1/2"   |
| 2-          | 5/8"   |
| 3-          | 3/4"   |
| 4-          | 1"     |
| 5-          | 1 1/4" |
| 6-          | 1 1/2" |
| 7-          | 2"     |

---

| INLET SIZE |        |
|------------|--------|
| 1-         | 1/2"   |
| 2-         | 5/8"   |
| 3-         | 3/4"   |
| 4-         | 1"     |
| 5-         | 1 1/4" |
| 6-         | 1 1/2" |
| 7-         | 2"     |

**NO LEAD PART NUMBERS HAVE NL AT END OF SERIES NUMBER**

# CORPORATION STOPS

## BALL STYLE

### AWWA x CAMPAK



| PART NUMBER | INLET AWWA | OUTLET CAMPAK | WT. EACH | BOX QTY. |
|-------------|------------|---------------|----------|----------|
| 301NL-A1B1  | 1/2"       | 1/2"          | 1.1      | 20       |
| 301NL-A1B2  | 1/2"       | 5/8"          | 1.1      | 20       |
| 301NL-A2B2  | 5/8"       | 5/8"          | 1.1      | 10       |
| 301NL-A3B3  | 3/4"       | 3/4"          | 1.8      | 10       |
| 301NL-A4B4  | 1 "        | 1 "           | 2.7      | 6        |
| 301NL-A5B5  | 1 1/4"     | 1 1/4"        | 7.5      | 2        |
| 301NL-A6B6  | 1 1/2"     | 1 1/2"        | 7.5      | 2        |
| 301NL-A6B7  | 1 1/2"     | 2"            | 8.8      | 2        |
| 301NL-A7B7  | 2"         | 2"            | 10.2     | 2        |

### AWWA x COPPER FLARE



| PART NUMBER | INLET AWWA | OUTLET COPPER CAMPAK | WT. EACH | BOX QTY. |
|-------------|------------|----------------------|----------|----------|
| 301NL-A1C1  | 1/2"       | 1/2"                 | 1.1      | 20       |
| 301NL-A3C3  | 3/4"       | 3/4"                 | 1.9      | 10       |
| 301NL-A4C4  | 1"         | 1"                   | 2.9      | 6        |
| 301NL-A5C5  | 1 1/4"     | 1 1/4"               | 8.4      | 2        |
| 301NL-A6C6  | 1 1/2"     | 1 1/2"               | 8.5      | 2        |
| 301NL-A7C7  | 2"         | 2"                   | 12.8     | 1        |

### AWWA x COPPER FLARE ELECTRICAL CONNECTION



| PART NUMBER | INLET AWWA | OUTLET COPPER FLARE EL. | WT. EACH | BOX QTY. |
|-------------|------------|-------------------------|----------|----------|
| 301NL-A3CE3 | 3/4"       | 3/4"                    | 1.9      | 10       |
| 301NL-A4CE4 | 1"         | 1"                      | 2.9      | 6        |

### AWWA x FIP



| PART NUMBER | INLET AWWA | OUTLET FIP | WT. EACH | BOX QTY. |
|-------------|------------|------------|----------|----------|
| 301NL-A3F3  | 3/4"       | 3/4"       | 1.7      | 15       |
| 301NL-A4F4  | 1"         | 1"         | 2.0      | 8        |
| 301NL-A5F5  | 1 1/4"     | 1 1/4"     | 5.8      | 2        |
| 301NL-A6F6  | 1 1/2"     | 1 1/2"     | 6.0      | 2        |
| 301NL-A7F7  | 2"         | 2"         | 8.7      | 2        |

\* INSERTS ARE REQUIRED FOR OPTIMUM PERFORMANCE WHEN USING FLEXIBLE PIPE  
For Corporation Stops less nut add LN to end of part number.



# CORPORATION STOPS

## BALL STYLE

### AWWA x GRIPJOINT



| PART NUMBER | INLET AWWA | OUTLET GRIPJOINT | WT. EACH | BOX QTY. |
|-------------|------------|------------------|----------|----------|
| 301NL-A3GJ3 | 3/4"       | 3/4"             | 1.7      | 15       |
| 301NL-A4GJ4 | 1"         | 1"               | 2.9      | 6        |

### AWWA x CB COMPRESSION



| PART NUMBER | INLET AWWA | OUTLET CB COMPRESSION | WT. EACH | BOX QTY. |
|-------------|------------|-----------------------|----------|----------|
| 301NL-A1H1  | 1/2"       | 1/2"                  | 1.1      | 20       |
| 301NL-A1H2  | 1/2"       | 5/8"                  | 1.1      | 20       |
| 301NL-A2H2  | 5/8"       | 5/8"                  | 1.1      | 20       |
| 301NL-A3H3  | 3/4"       | 3/4"                  | 1.6      | 15       |
| 301NL-A4H4  | 1"         | 1"                    | 2.4      | 6        |
| 301NL-A5H5  | 1 1/4"     | 1 1/4"                | 7.4      | 2        |
| 301NL-A6H6  | 1 1/2"     | 1 1/2"                | 7.5      | 2        |
| 301NL-A6H7  | 1 1/2"     | 2"                    | 8.4      | 2        |
| 301NL-A7H7  | 2"         | 2"                    | 8.9      | 2        |

### AWWA x CB COMPRESSION ELECTRICAL CONNECTION



| PART NUMBER | INLET AWWA | OUTLET CB COMPRESSION EL | WT. EACH | BOX QTY. |
|-------------|------------|--------------------------|----------|----------|
| 301NL-A3HE3 | 3/4"       | 3/4"                     | 2.0      | 10       |
| 301NL-A4HE4 | 1"         | 1"                       | 3.0      | 6        |
| 301NL-A6HE6 | 1 1/2"     | 1 1/2"                   | 8.0      | 2        |
| 301NL-A6HE7 | 1 1/2"     | 2"                       | 8.2      | 2        |
| 301NL-A7HE7 | 2"         | 2"                       | 10.5     | 2        |

\* INSERTS ARE REQUIRED FOR OPTIMUM PERFORMANCE WHEN USING FLEXIBLE PIPE  
 For Corporation Stops less nut add LN to end of part number.

# CORPORATION STOPS

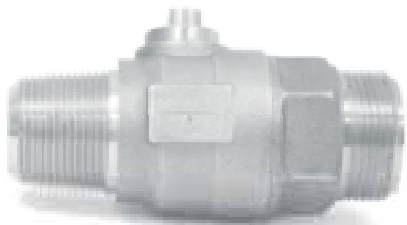
## BALL STYLE

### AWWA x CB COMPRESSION INSULATED



| PART NUMBER | INLET AWWA | OUTLET CB INSULATED | WT. EACH | BOX QTY. |
|-------------|------------|---------------------|----------|----------|
| 301NL-A3HI3 | 3/4"       | 3/4"                | 2.8      | 5        |
| 301NL-A4HI4 | 1"         | 1"                  | 4.8      | 4        |
| 301NL-A6HI6 | 1 1/2"     | 1 1/2"              | 11.2     | 2        |
| 301NL-A7HI7 | 2"         | 2"                  | 18.1     | 1        |

### AWWA x INSIDE DRIVING THREAD



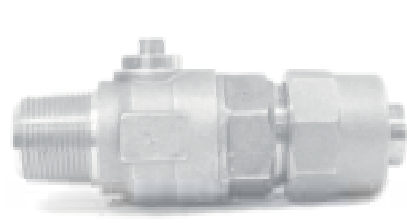
| PART NUMBER | INLET AWWA | OUTLET INSIDE DRIVING THREAD | WT. EACH | BOX QTY. |
|-------------|------------|------------------------------|----------|----------|
| 301NL-A3ID3 | 3/4"       | 3/4"                         | 1.6      | 10       |
| 301NL-A4ID4 | 1"         | 1"                           | 2.4      | 6        |
| 301NL-A6ID6 | 1 1/2"     | 1 1/2"                       | 6.6      | 2        |
| 301NL-A7ID7 | 2"         | 2"                           | 10.3     | 2        |

### AWWA x HAYSTITE



| PART NUMBER | INLET AWWA | OUTLET HAYSTITE | WT. EACH | BOX QTY. |
|-------------|------------|-----------------|----------|----------|
| 301NL-A3J3  | 3/4"       | 3/4"            | 1.7      | 15       |
| 301NL-A4J4  | 1"         | 1"              | 2.7      | 6        |

### AWWA x KITEC



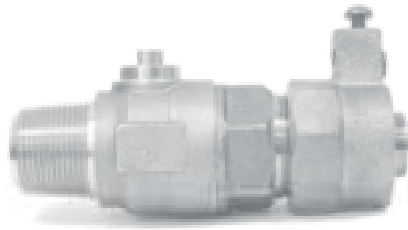
| PART NUMBER | INLET AWWA | OUTLET KITEC | WT. EACH | BOX QTY. |
|-------------|------------|--------------|----------|----------|
| 301NL-A3K3  | 3/4"       | 3/4"         | 1.9      | 10       |
| 301NL-A4K4  | 1"         | 1"           | 2.9      | 8        |

\* INSERTS ARE REQUIRED FOR OPTIMUM PERFORMANCE WHEN USING FLEXIBLE PIPE  
For Corporation Stops less nut add LN to end of part number.

# CORPORATION STOPS

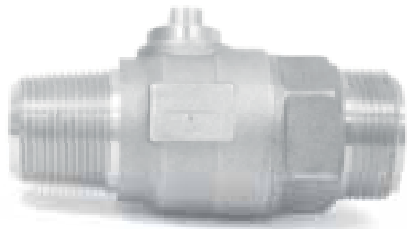
## BALL STYLE

### AWWA x KITEC ELECTRICAL CONNECTION



| PART NUMBER | INLET AWWA | OUTLET KITEC EL | WT. EACH | BOX QTY. |
|-------------|------------|-----------------|----------|----------|
| 301NL-A3KE3 | 3/4"       | 3/4"            | 2.1      | 10       |
| 301NL-A4KE4 | 1"         | 1"              | 3.1      | 8        |

### AWWA x MIP



| PART NUMBER | INLET AWWA | OUTLET MIP | WT. EACH | BOX QTY. |
|-------------|------------|------------|----------|----------|
| 301NL-A1M1  | 1/2"       | 1/2"       | 0.8      | 20       |
| 301NL-A3M3  | 3/4"       | 3/4"       | 1.4      | 15       |
| 301NL-A4M4  | 1"         | 1"         | 2.2      | 6        |
| 301NL-A5M5  | 1 1/4"     | 1 1/4"     | 6.4      | 2        |
| 301NL-A6M6  | 1 1/2"     | 1 1/2"     | 6.4      | 2        |
| 301NL-A6M7  | 1 1/2"     | 2"         | 7.3      | 2        |
| 301NL-A7M7  | 2"         | 2"         | 9.3      | 2        |

### AWWA x IPS/PEP SIZE COMPRESSION ( PE SIDR7 )



| PART NUMBER | INLET AWWA | OUTLET IPS/PEP SIZE | WT. EACH | BOX QTY. |
|-------------|------------|---------------------|----------|----------|
| 301NL-A3PE3 | 3/4"       | 3/4"                | 2.5      | 10       |
| 301NL-A4PE4 | 1"         | 1"                  | 3.1      | 6        |
| 301NL-A5PE5 | 1 1/4"     | 1 1/4"              | 7.0      | 2        |
| 301NL-A6PE6 | 1 1/2"     | 1 1/2"              | 7.5      | 2        |
| 301NL-A7PE7 | 2"         | 2"                  | 9.5      | 2        |

### AWWA x PVC COMPRESSION ( IPS )



| PART NUMBER | INLET AWWA | OUTLET PVC SIZE | WT. EACH | BOX QTY. |
|-------------|------------|-----------------|----------|----------|
| 301NL-A3PJ3 | 3/4"       | 3/4"            | 2.5      | 10       |
| 301NL-A4PJ4 | 1"         | 1"              | 3.1      | 6        |
| 301NL-A5PJ5 | 1 1/4"     | 1 1/4"          | 7.0      | 2        |
| 301NL-A6PJ6 | 1 1/2"     | 1 1/2"          | 7.5      | 2        |
| 301NL-A7PJ7 | 2"         | 2"              | 9.5      | 1        |

\* INSERTS ARE REQUIRED FOR OPTIMUM PERFORMANCE WHEN USING FLEXIBLE PIPE  
For Corporation Stops less nut add LN to end of part number.

# CORPORATION STOPS

## BALL STYLE

### MIP x CAMPAK



| PART NUMBER | INLET MIP | OUTLET CAMPAK | WT. EACH | BOX QTY. |
|-------------|-----------|---------------|----------|----------|
| 301NL-M3B3  | 3/4"      | 3/4"          | 1.7      | 10       |
| 301NL-M4B4  | 1"        | 1"            | 2.7      | 6        |
| 301NL-M5B5  | 1 1/4"    | 1 1/4"        | 7.6      | 2        |
| 301NL-M6B6  | 1 1/2"    | 1 1/2"        | 7.6      | 2        |
| 301NL-M6B7  | 1 1/2"    | 2"            | 8.8      | 2        |
| 301NL-M7B7  | 2"        | 2"            | 10.0     | 2        |

### MIP x COPPER FLARE



| PART NUMBER | INLET MIP | OUTLET CAMPAK | WT. EACH | BOX QTY. |
|-------------|-----------|---------------|----------|----------|
| 301NL-M3C3  | 3/4"      | 3/4"          | 1.8      | 10       |
| 301NL-M4C4  | 1"        | 1"            | 2.8      | 6        |
| 301NL-M5C5  | 1 1/4"    | 1 1/4"        | 8.4      | 2        |
| 301NL-M6C6  | 1 1/2"    | 1 1/2"        | 8.4      | 2        |
| 301NL-M7C7  | 2"        | 2"            | 12.4     | 1        |

### MIP x COPPER FLARE ELECTRICAL CONNECTION



| PART NUMBER | INLET MIP | OUTLET COPPER FLARE EL. | WT. EACH | BOX QTY. |
|-------------|-----------|-------------------------|----------|----------|
| 301NL-M3CE3 | 3/4"      | 3/4"                    | 1.8      | 10       |
| 301NL-M4CE4 | 1"        | 1"                      | 2.7      | 6        |

### MIP x FIP



| PART NUMBER | INLET MIP | OUTLET CAMPAK | WT. EACH | BOX QTY. |
|-------------|-----------|---------------|----------|----------|
| 301NL-M3F3  | 3/4"      | 3/4"          | 1.3      | 15       |
| 301NL-M4F4  | 1"        | 1"            | 1.9      | 10       |
| 301NL-M5F5  | 1 1/4"    | 1 1/4"        | 5.8      | 2        |
| 301NL-M6F6  | 1 1/2"    | 1 1/2"        | 5.8      | 2        |
| 301NL-M7F7  | 2"        | 2"            | 8.3      | 2        |

\* INSERTS ARE REQUIRED FOR OPTIMUM PERFORMANCE WHEN USING FLEXIBLE PIPE  
For Corporation Stops less nut add LN to end of part number.

# CORPORATION STOPS

## BALL STYLE

### MIP x GRIPJOINT



| PART NUMBER | INLET MIP | OUTLET GRIPJOINT | WT. EACH | BOX QTY. |
|-------------|-----------|------------------|----------|----------|
| 301NL-M3GJ3 | 3/4"      | 3/4"             | 1.7      | 15       |
| 301NL-M4GJ4 | 1"        | 1"               | 2.9      | 6        |

### MIP x CB COMPRESSION



| PART NUMBER | INLET MIP | OUTLET CB COMPRESSION | WT. EACH | BOX QTY. |
|-------------|-----------|-----------------------|----------|----------|
| 301NL-M3H3  | 3/4"      | 3/4"                  | 1.8      | 15       |
| 301NL-M4H4  | 1"        | 1"                    | 2.7      | 6        |
| 301NL-M5H5  | 1 1/4"    | 1 1/4"                | 8.3      | 2        |
| 301NL-M6H6  | 1 1/2"    | 1 1/2"                | 7.2      | 2        |
| 301NL-M6H7  | 1 1/2"    | 2"                    | 8.8      | 2        |
| 301NL-M7H7  | 2"        | 2"                    | 9.4      | 2        |

### MIP x CB COMPRESSION ELECTRICAL CONNECTION



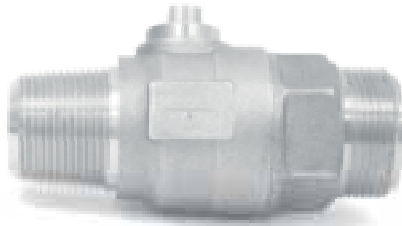
| PART NUMBER | INLET MIP | OUTLET CB COMPRESSION EL | WT. EACH | BOX QTY. |
|-------------|-----------|--------------------------|----------|----------|
| 301NL-M3HE3 | 3/4"      | 3/4"                     | 2.1      | 15       |
| 301NL-M4HE4 | 1"        | 1"                       | 2.9      | 6        |
| 301NL-M6HE6 | 1 1/2"    | 1 1/2"                   | 8.5      | 2        |
| 301NL-M6HE7 | 1 1/2"    | 2"                       | 8.5      | 2        |
| 301NL-M7HE7 | 2"        | 2"                       | 9.5      | 2        |

\* INSERTS ARE REQUIRED FOR OPTIMUM PERFORMANCE WHEN USING FLEXIBLE PIPE  
For Corporation Stops less nut add LN to end of part number.

# CORPORATION STOPS

## BALL STYLE

### MIP x INSIDE DRIVING THREAD



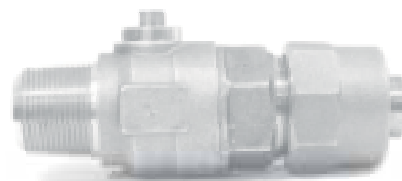
| PART NUMBER | INLET MIP | OUTLET INSIDE DRIVING THREAD | WT. EACH | BOX QTY. |
|-------------|-----------|------------------------------|----------|----------|
| 301NL-M3ID3 | 3/4"      | 3/4"                         | 1.8      | 10       |
| 301NL-M4ID4 | 1"        | 1"                           | 2.4      | 6        |
| 301NL-M6ID6 | 1 1/2"    | 1 1/2"                       | 7.2      | 2        |
| 301NL-M7ID7 | 2"        | 2"                           | 9.4      | 2        |

### MIP x HAYSTITE



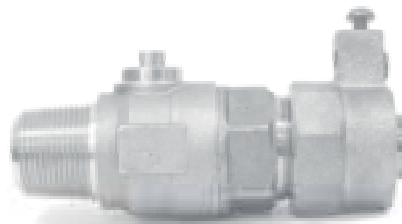
| PART NUMBER | INLET MIP | OUTLET HAYSTITE | WT. EACH | BOX QTY. |
|-------------|-----------|-----------------|----------|----------|
| 301NL-M3J3  | 3/4"      | 3/4"            | 1.9      | 15       |
| 301NL-M4J4  | 1"        | 1"              | 2.7      | 6        |

### MIP x KITEC



| PART NUMBER | INLET MIP | OUTLET KITEC | WT. EACH | BOX QTY. |
|-------------|-----------|--------------|----------|----------|
| 301NL-M3K3  | 3/4"      | 3/4"         | 1.7      | 10       |
| 301NL-M4K4  | 1"        | 1"           | 2.7      | 8        |

### MIP x KITEC ELECTRICAL CONNECTION



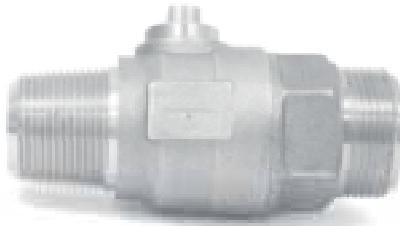
| PART NUMBER | INLET MIP | OUTLET KITEC EL | WT. EACH | BOX QTY. |
|-------------|-----------|-----------------|----------|----------|
| 301NL-M3KE3 | 3/4"      | 3/4"            | 1.9      | 10       |
| 301NL-M4KE4 | 1"        | 1"              | 2.7      | 6        |

\* INSERTS ARE REQUIRED FOR OPTIMUM PERFORMANCE WHEN USING FLEXIBLE PIPE  
For Corporation Stops less nut add LN to end of part number.

# CORPORATION STOPS

## BALL STYLE

### MIP x MIP



| PART NUMBER | INLET AWWA | OUTLET MIP | WT. EACH | BOX QTY. |
|-------------|------------|------------|----------|----------|
| 301NL-M3M3  | 3/4"       | 3/4"       | 1.4      | 10       |
| 301NL-M4M4  | 1"         | 1"         | 1.5      | 6        |
| 301NL-M5M5  | 1 1/4"     | 1 1/4"     | 6.2      | 2        |
| 301NL-M6M6  | 1 1/2"     | 1 1/2"     | 6.3      | 2        |
| 301NL-M6M7  | 1 1/2"     | 2"         | 7.7      | 2        |
| 301NL-M7M7  | 2"         | 2"         | 8.8      | 2        |

### MIP x IPS/PEP SIZE COMPRESSION ( PE SIDR7 )



| PART NUMBER | INLET AWWA | OUTLET IPS SIZE | WT. EACH | BOX QTY. |
|-------------|------------|-----------------|----------|----------|
| 301NL-M3PE3 | 3/4"       | 3/4"            | 2.5      | 10       |
| 301NL-M4PE4 | 1"         | 1"              | 3.1      | 6        |
| 301NL-M5PE5 | 1 1/4"     | 1 1/4"          | 7.0      | 2        |
| 301NL-M6PE6 | 1 1/2"     | 1 1/2"          | 7.5      | 2        |
| 301NL-M7PE7 | 2"         | 2"              | 9.5      | 2        |

### MIP x PVC COMPRESSION ( IPS )



| PART NUMBER | INLET MIP | OUTLET IPS SIZE | WT. EACH | BOX QTY. |
|-------------|-----------|-----------------|----------|----------|
| 301NL-M3PJ3 | 3/4"      | 3/4"            | 2.5      | 10       |
| 301NL-M4PJ4 | 1"        | 1"              | 3.1      | 6        |
| 301NL-M5PJ5 | 1 1/4"    | 1 1/4"          | 7.0      | 2        |
| 301NL-M6PJ6 | 1 1/2"    | 1 1/2"          | 7.5      | 2        |
| 301NL-M7PJ7 | 2"        | 2"              | 9.5      | 1        |

\* INSERTS ARE REQUIRED FOR OPTIMUM PERFORMANCE WHEN USING FLEXIBLE PIPE  
For Corporation Stops less nut add LN to end of part number.

# CORPORATION STOPS

## PLUG STYLE

### AWWA x CAMPAK



| PART NUMBER | INLET AWWA | OUTLET CAMPAK | WT. EACH | BOX QTY. |
|-------------|------------|---------------|----------|----------|
| 302NL-A3B3  | 3/4"       | 3/4"          | 1.7      | 12       |
| 302NL-A3B4  | 3/4"       | 1"            | 2.2      | 10       |
| 302NL-A4B4  | 1"         | 1"            | 2.8      | 6        |

### AWWA x COPPER FLARE



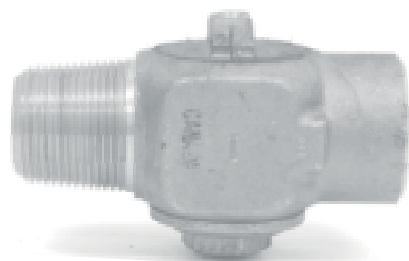
| PART NUMBER | INLET AWWA | OUTLET COPPER FLARE | WT. EACH | BOX QTY. |
|-------------|------------|---------------------|----------|----------|
| 302NL-A1C1  | 1/2"       | 1/2"                | 1.6      | 12       |
| 302NL-A2C2  | 5/8"       | 5/8"                | 1.6      | 10       |
| 302NL-A2C3  | 5/8"       | 3/4"                | 1.7      | 10       |
| 302NL-A3C3  | 3/4"       | 3/4"                | 1.8      | 10       |
| 302NL-A4C4  | 1"         | 1"                  | 3.0      | 5        |

### AWWA x COPPER FLARE ELECTRICAL CONNECTION



| PART NUMBER | INLET AWWA | OUTLET COPPER FLARE EL. | WT. EACH | BOX QTY. |
|-------------|------------|-------------------------|----------|----------|
| 302NL-A3CE3 | 3/4"       | 3/4"                    | 1.8      | 10       |
| 302NL-A4CE4 | 1"         | 1"                      | 3.0      | 5        |

### AWWA x FIP



| PART NUMBER | INLET AWWA | OUTLET FIP | WT. EACH | BOX QTY. |
|-------------|------------|------------|----------|----------|
| 302NL-A1F1  | 1/2"       | 1/2"       | 0.9      | 12       |
| 302NL-A3F3  | 3/4"       | 3/4"       | 1.4      | 15       |
| 302NL-A4F4  | 1"         | 1"         | 2.5      | 8        |

\* INSERTS ARE REQUIRED FOR OPTIMUM PERFORMANCE WHEN USING FLEXIBLE PIPE  
For Corporation Stops less nut add LN to end of part number.



# CORPORATION STOPS

## PLUG STYLE

### AWWA x GRIPJOINT



| PART NUMBER | INLET AWWA | OUTLET GRIPJOINT | WT. EACH | BOX QTY. |
|-------------|------------|------------------|----------|----------|
| 302NL-A3GJ3 | 3/4"       | 3/4"             | 1.7      | 12       |
| 302NL-A3GJ4 | 3/4"       | 1"               | 3.0      | 10       |
| 302NL-A4GJ4 | 1"         | 1"               | 3.0      | 6        |

### AWWA x CB COMPRESSION



| PART NUMBER | INLET AWWA | OUTLET CB COMPRESSION | WT. EACH | BOX QTY. |
|-------------|------------|-----------------------|----------|----------|
| 302NL-A3H3  | 3/4"       | 3/4"                  | 1.7      | 12       |
| 302NL-A3H4  | 3/4"       | 1"                    | 2.2      | 10       |
| 302NL-A4H4  | 1"         | 1"                    | 2.9      | 6        |

### AWWA X CB COMPRESSION INSULATED



| PART NUMBER | INLET AWWA | OUTLET CB COMPRESSION INSULATED | WT. EACH | BOX QTY. |
|-------------|------------|---------------------------------|----------|----------|
| 302NL-A3HI3 | 3/4"       | 3/4"                            | 2.2      | 5        |
| 302NL-A4HI4 | 1"         | 1"                              | 2.9      | 6        |

### AWWA x CB COMPRESSION ELECTRICAL CONNECTION



| PART NUMBER | INLET AWWA | OUTLET CB COMPRESSION EL | WT. EACH | BOX QTY. |
|-------------|------------|--------------------------|----------|----------|
| 302NL-A3HE3 | 3/4"       | 3/4"                     | 2.0      | 12       |
| 302NL-A3HE4 | 3/4"       | 1"                       | 2.2      | 10       |
| 302NL-A4HE4 | 1"         | 1"                       | 3.0      | 6        |

\* INSERTS ARE REQUIRED FOR OPTIMUM PERFORMANCE WHEN USING FLEXIBLE PIPE  
For Corporation Stops less nut add LN to end of part number.

# CORPORATION STOPS

## PLUG STYLE

### AWWA x HAYSTITE



| PART NUMBER | INLET<br>AWWA | OUTLET<br>HAYSTITE | WT. EACH | BOX QTY. |
|-------------|---------------|--------------------|----------|----------|
| 302NL-A3J3  | 3/4"          | 3/4"               | 1.7      | 12       |
| 302NL-A3J4  | 3/4"          | 1"                 | 2.2      | 10       |
| 302NL-A4J4  | 1"            | 1"                 | 2.9      | 6        |

### AWWA x KITEC



| PART NUMBER | INLET<br>AWWA | OUTLET<br>KITEC | WT. EACH | BOX QTY. |
|-------------|---------------|-----------------|----------|----------|
| 302NL-A3K3  | 3/4"          | 3/4"            | 1.8      | 10       |
| 302NL-A3K4  | 3/4"          | 1"              | 2.2      | 10       |
| 302NL-A4K4  | 1"            | 1"              | 3.0      | 6        |

### AWWA x KITEC ELECTRICAL CONNECTION



| PART NUMBER | INLET<br>AWWA | OUTLET<br>KITEC EL | WT. EACH | BOX QTY. |
|-------------|---------------|--------------------|----------|----------|
| 302NL-A3KE3 | 3/4"          | 3/4"               | 2.1      | 10       |
| 302NL-A3KE4 | 3/4"          | 1"                 | 2.3      | 10       |
| 302NL-A4KE4 | 1"            | 1"                 | 3.1      | 6        |

### AWWA x MIP



| PART NUMBER | INLET<br>AWWA | OUTLET<br>MIP | WT. EACH | BOX QTY. |
|-------------|---------------|---------------|----------|----------|
| 302NL-A3M3  | 3/4"          | 3/4"          | 1.4      | 12       |
| 302NL-A4M4  | 1"            | 1"            | 2.2      | 8        |

\* INSERTS ARE REQUIRED FOR OPTIMUM PERFORMANCE WHEN USING FLEXIBLE PIPE  
For Corporation Stops less nut add LN to end of part number.

# CORPORATION STOPS

## PLUG STYLE

### AWWA X PEP COMPRESSION ( PE SIDR7 )



| PART NUMBER | INLET<br>AWWA | OUTLET<br>PEP | WT. EACH | BOX QTY. |
|-------------|---------------|---------------|----------|----------|
| 302NL-A3PE3 | 3/4"          | 3/4"          | 2.9      | 12       |

### AWWA X PVC COMPRESSION ( IPS )



| PART NUMBER | INLET<br>AWWA | OUTLET<br>PVC | WT. EACH | BOX QTY. |
|-------------|---------------|---------------|----------|----------|
| 302NL-A3PJ3 | 3/4"          | 3/4"          | 2.9      | 12       |

\* INSERTS ARE REQUIRED FOR OPTIMUM PERFORMANCE WHEN USING FLEXIBLE PIPE  
For Corporation Stops less nut add LN to end of part number.

# CORPORATION STOPS

## PLUG STYLE

### MIP x CAMPAK



| PART NUMBER | INLET MIP | OUTLET CAMPAK | WT. EACH | BOX QTY. |
|-------------|-----------|---------------|----------|----------|
| 302NL-M3B3  | 3/4"      | 3/4"          | 1.6      | 12       |
| 302NL-M3B4  | 3/4"      | 1"            | 2.2      | 10       |
| 302NL-M4B4  | 1"        | 1"            | 2.8      | 6        |

### MIP x COPPER FLARE



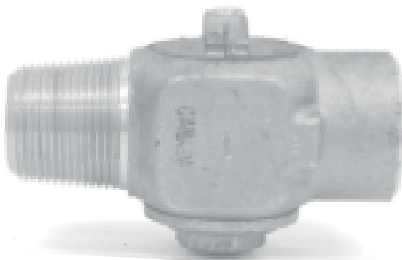
| PART NUMBER | INLET MIP | OUTLET COPPER FLARE | WT. EACH | BOX QTY. |
|-------------|-----------|---------------------|----------|----------|
| 302NL-M1C1  | 1/2"      | 1/2"                | 1.6      | 12       |
| 302NL-M3C3  | 3/4"      | 3/4"                | 1.7      | 10       |
| 302NL-M4C4  | 1"        | 1"                  | 3.0      | 5        |

### MIP x COPPER FLARE ELECTRICAL CONNECTION



| PART NUMBER | INLET MIP | OUTLET COPPER FLARE EL. | WT. EACH | BOX QTY. |
|-------------|-----------|-------------------------|----------|----------|
| 302NL-M3CE3 | 3/4"      | 3/4"                    | 1.9      | 10       |
| 302NL-M4CE4 | 1"        | 1"                      | 2.7      | 5        |

### MIP x FIP



| PART NUMBER | INLET MIP | OUTLET FIP | WT. EACH | BOX QTY. |
|-------------|-----------|------------|----------|----------|
| 302NL-M1F1  | 1/2"      | 1/2"       | 0.9      | 25       |
| 302NL-M3F3  | 3/4"      | 3/4"       | 1.3      | 15       |
| 302NL-M4F4  | 1"        | 1"         | 2.3      | 8        |

\* INSERTS ARE REQUIRED FOR OPTIMUM PERFORMANCE WHEN USING FLEXIBLE PIPE  
For Corporation Stops less nut add LN to end of part number.

# CORPORATION STOPS

## PLUG STYLE

### MIP x GRIPJOINT



| PART NUMBER | INLET MIP | OUTLET GRIPJOINT | WT. EACH | BOX QTY. |
|-------------|-----------|------------------|----------|----------|
| 302NL-M3GJ3 | 3/4"      | 3/4"             | 1.6      | 12       |
| 302NL-M3GJ4 | 3/4"      | 1"               | 2.2      | 10       |
| 302NL-M4GJ4 | 1"        | 1"               | 2.8      | 6        |

### MIP x CB COMPRESSION



| PART NUMBER | INLET MIP | OUTLET CB COMPRESSION | WT. EACH | BOX QTY. |
|-------------|-----------|-----------------------|----------|----------|
| 302NL-M3H3  | 3/4"      | 3/4"                  | 1.7      | 12       |
| 302NL-M3H4  | 3/4"      | 1"                    | 2.2      | 10       |
| 302NL-M4H4  | 1"        | 1"                    | 2.8      | 6        |

### MIP x CB COMPRESSION INSULATED



| PART NUMBER | INLET MIP | OUTLET CB COMPRESSION INSULATED | WT. EACH | BOX QTY. |
|-------------|-----------|---------------------------------|----------|----------|
| 302NL-M3HI3 | 3/4"      | 3/4"                            | 2.2      | 5        |
| 302NL-M4HI4 | 1"        | 1"                              | 2.9      | 6        |

### MIP x CB COMPRESSION ELECTRICAL CONNECTION



| PART NUMBER | INLET MIP | OUTLET CBT COMPRESSION EL | WT. EACH | BOX QTY. |
|-------------|-----------|---------------------------|----------|----------|
| 302NL-M3HE3 | 3/4"      | 3/4"                      | 0.9      | 12       |
| 302NL-M3HE4 | 3/4"      | 1"                        | 1.8      | 10       |
| 302NL-M4HE4 | 1"        | 1"                        | 2.8      | 6        |

\* INSERTS ARE REQUIRED FOR OPTIMUM PERFORMANCE WHEN USING FLEXIBLE PIPE  
For Corporation Stops less nut add LN to end of part number.

# CORPORATION STOPS

## PLUG STYLE

### MIP x HAYSTITE



| PART NUMBER | INLET MIP | OUTLET HAYSTITE | WT. EACH | BOX QTY. |
|-------------|-----------|-----------------|----------|----------|
| 302NL-M3J3  | 3/4"      | 3/4"            | 1.6      | 12       |
| 302NL-M3J4  | 3/4"      | 1"              | 1.7      | 10       |
| 302NL-M4J4  | 1"        | 1"              | 2.5      | 6        |

### MIP x KITEC



| PART NUMBER | INLET MIP | OUTLET KITEC | WT. EACH | BOX QTY. |
|-------------|-----------|--------------|----------|----------|
| 302NL-M3K3  | 3/4"      | 3/4"         | 1.9      | 10       |
| 302NL-M3K4  | 3/4"      | 1"           | 2.2      | 10       |
| 302NL-M4K4  | 1"        | 1"           | 2.6      | 6        |

### MIP x KITEC ELECTRICAL CONNECTION



| PART NUMBER | INLET MIP | OUTLET KITEC EL | WT. EACH | BOX QTY. |
|-------------|-----------|-----------------|----------|----------|
| 302NL-M3KE3 | 3/4"      | 3/4"            | 1.9      | 10       |
| 302NL-M3KE4 | 3/4"      | 1"              | 2.2      | 10       |
| 302NL-M4KE4 | 1"        | 1"              | 2.6      | 6        |

### MIP x MIP



| PART NUMBER | INLET MIP | OUTLET MIP | WT. EACH | BOX QTY. |
|-------------|-----------|------------|----------|----------|
| 302NL-M3M3  | 3/4"      | 3/4"       | 1.3      | 12       |
| 302NL-M4M4  | 1"        | 1"         | 2.3      | 8        |

\* INSERTS ARE REQUIRED FOR OPTIMUM PERFORMANCE WHEN USING FLEXIBLE PIPE  
For Corporation Stops less nut add LN to end of part number.

# CORPORATION STOPS

## PLUG STYLE

### MIP X PEP COMPRESSION ( PE SIDR7 )



| PART NUMBER | INLET MIP | OUTLET PEP | WT. EACH | BOX QTY. |
|-------------|-----------|------------|----------|----------|
| 302NL-M3PE3 | 3/4"      | 3/4"       | 2.9      | 12       |

### MIP X PVC COMPRESSION ( IPS )



| PART NUMBER | INLET MIP | OUTLET PVC | WT. EACH | BOX QTY. |
|-------------|-----------|------------|----------|----------|
| 302NL-M3PJ3 | 3/4"      | 3/4"       | 2.9      | 12       |

\* INSERTS ARE REQUIRED FOR OPTIMUM PERFORMANCE WHEN USING FLEXIBLE PIPE  
For Corporation Stops less nut add LN to end of part number.

# CORPORATION STOPS

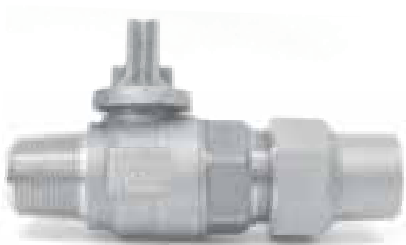
## BALL STYLE WITH TEE HEAD

### AWWA x CAMPAK



| PART NUMBER | INLET AWWA | OUTLET CAMPAK | WT. EACH | BOX QTY. |
|-------------|------------|---------------|----------|----------|
| 311NL-A3B3  | 3/4"       | 3/4"          | 2.3      | 10       |
| 311NL-A4B4  | 1"         | 1"            | 3.5      | 6        |
| 311NL-A5B5  | 1 1/4"     | 1 1/4"        | 8.1      | 2        |
| 311NL-A6B6  | 1 1/2"     | 1 1/2"        | 8.3      | 2        |
| 311NL-A6B7  | 1 1/2"     | 2"            | 9.6      | 2        |
| 311NL-A7B7  | 2"         | 2"            | 11       | 2        |

### AWWA x COPPER FLARE



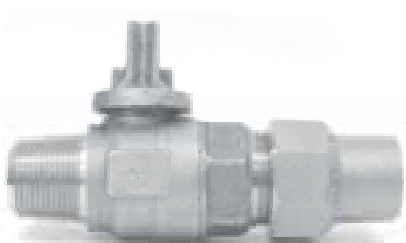
| PART NUMBER | INLET AWWA | OUTLET COPPER FLARE | WT. EACH | BOX QTY. |
|-------------|------------|---------------------|----------|----------|
| 311NL-A3C3  | 3/4"       | 3/4"                | 2.7      | 10       |
| 311NL-A4C4  | 1"         | 1"                  | 3.7      | 6        |
| 311NL-A6C6  | 1 1/2"     | 1 1/2"              | 9.3      | 2        |
| 311NL-A7C7  | 2"         | 2"                  | 13.6     | 2        |

### AWWA x FIP



| PART NUMBER | INLET AWWA | OUTLET FIP | WT. EACH | BOX QTY. |
|-------------|------------|------------|----------|----------|
| 311NL-A3F3  | 3/4"       | 3/4"       | 2.5      | 10       |
| 311NL-A4F4  | 1"         | 1"         | 2.8      | 6        |
| 311NL-A6F6  | 1 1/2"     | 1 1/2"     | 6.8      | 2        |
| 311NL-A7F7  | 2"         | 2"         | 9.5      | 2        |

### AWWA x GRIPJOINT



| PART NUMBER | INLET AWWA | OUTLET GRIPJOINT | WT. EACH | BOX QTY. |
|-------------|------------|------------------|----------|----------|
| 311NL-A3GJ3 | 3/4"       | 3/4"             | 2.5      | 10       |
| 311NL-A4GJ4 | 1"         | 1"               | 3.7      | 6        |

\* INSERTS ARE REQUIRED FOR OPTIMUM PERFORMANCE WHEN USING FLEXIBLE PIPE  
For Corporation Stops less nut add LN to end of part number.



# CORPORATION STOPS

## BALL STYLE WITH TEE HEAD

### AWWA x CB COMPRESSION



| PART NUMBER | INLET AWWA | OUTLET CB COMPRESSION | WT. EACH | BOX QTY. |
|-------------|------------|-----------------------|----------|----------|
| 311NL-A3H3  | 3/4"       | 3/4"                  | 2.3      | 10       |
| 311NL-A4H4  | 1"         | 1"                    | 3.2      | 6        |
| 311NL-A5H5  | 1 1/4"     | 1 1/4"                | 9.0      | 2        |
| 311NL-A6H6  | 1 1/2"     | 1 1/2"                | 8.2      | 2        |
| 311NL-A6H7  | 1 1/2"     | 2"                    | 9.2      | 2        |
| 311NL-A7H7  | 2"         | 2"                    | 10.8     | 2        |

### AWWA x CB COMPRESSION ELECTRICAL CONNECTION



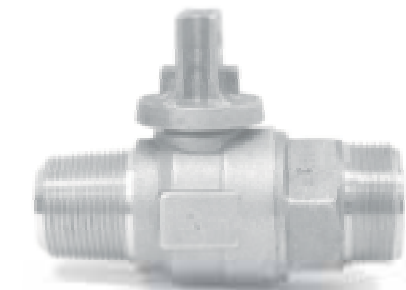
| PART NUMBER | INLET AWWA | OUTLET CB COMPRESSION EL | WT. EACH | BOX QTY. |
|-------------|------------|--------------------------|----------|----------|
| 311NL-A3HE3 | 3/4"       | 3/4"                     | 2.5      | 10       |
| 311NL-A4HE4 | 1"         | 1"                       | 3.5      | 6        |
| 311NL-A6HE6 | 1 1/2"     | 1 1/2"                   | 8.5      | 2        |
| 311NL-A7HE7 | 2"         | 2"                       | 11.7     | 2        |

### AWWA x KITEC



| PART NUMBER | INLET AWWA | OUTLET KITEC | WT. EACH | BOX QTY. |
|-------------|------------|--------------|----------|----------|
| 311NL-A3K3  | 3/4"       | 3/4"         | 2.7      | 10       |
| 311NL-A4K4  | 1"         | 1"           | 3.7      | 6        |

### AWWA x MIP



| PART NUMBER | INLET AWWA | OUTLET MIP | WT. EACH | BOX QTY. |
|-------------|------------|------------|----------|----------|
| 311NL-A3M3  | 3/4"       | 3/4"       | 1.9      | 10       |
| 311NL-A4M4  | 1"         | 1"         | 3.0      | 6        |
| 311NL-A6M6  | 1 1/2"     | 1 1/2"     | 7.2      | 2        |
| 311NL-A7M7  | 2"         | 2"         | 10.1     | 2        |

\* INSERTS ARE REQUIRED FOR OPTIMUM PERFORMANCE WHEN USING FLEXIBLE PIPE  
 For Corporation Stops less nut add LN to end of part number.

# CORPORATION STOPS

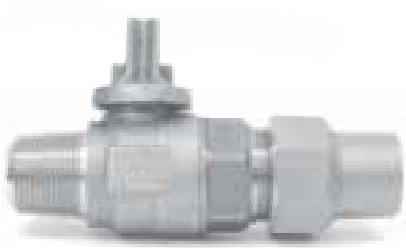
## BALL STYLE WITH TEE HEAD

### MIP x CAMPAK



| PART NUMBER | INLET MIP | OUTLET CAMPAK | WT. EACH | BOX QTY. |
|-------------|-----------|---------------|----------|----------|
| 311NL-M3B3  | 3/4"      | 3/4"          | 2.5      | 10       |
| 311NL-M4B4  | 1"        | 1"            | 3.5      | 6        |
| 311NL-M5B5  | 1 1/4"    | 1 1/4"        | 8.1      | 2        |
| 311NL-M6B6  | 1 1/2"    | 1 1/2"        | 8.4      | 2        |
| 311NL-M6B7  | 1 1/2"    | 2"            | 9.6      | 2        |
| 311NL-M7B7  | 2"        | 2"            | 10.8     | 2        |

### MIP x COPPER FLARE



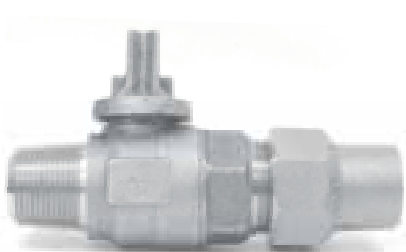
| PART NUMBER | INLET MIP | OUTLET COPPER FLARE | WT. EACH | BOX QTY. |
|-------------|-----------|---------------------|----------|----------|
| 311NL-M3C3  | 3/4"      | 3/4"                | 2.6      | 10       |
| 311NL-M4C4  | 1"        | 1"                  | 3.1      | 6        |
| 311NL-M6C6  | 1 1/2"    | 1 1/2"              | 9.2      | 2        |
| 311NL-M7C7  | 2"        | 2"                  | 13.2     | 2        |

### MIP x FIP



| PART NUMBER | INLET MIP | OUTLET FIP | WT. EACH | BOX QTY. |
|-------------|-----------|------------|----------|----------|
| 311NL-M3F3  | 3/4"      | 3/4"       | 1.6      | 10       |
| 311NL-M4F4  | 1"        | 1"         | 2.7      | 6        |
| 311NL-M6F6  | 1 1/2"    | 1 1/2"     | 6.4      | 2        |
| 311NL-M7F7  | 2"        | 2"         | 9.0      | 2        |

### MIP x GRIPJOINT



| PART NUMBER | INLET MIP | OUTLET GRIPJOINT | WT. EACH | BOX QTY. |
|-------------|-----------|------------------|----------|----------|
| 311NL-M3GJ3 | 3/4"      | 3/4"             | 2.5      | 10       |
| 311NL-M4GJ4 | 1"        | 1"               | 3.5      | 6        |

\* INSERTS ARE REQUIRED FOR OPTIMUM PERFORMANCE WHEN USING FLEXIBLE PIPE  
For Corporation Stops less nut add LN to end of part number.

# CORPORATION STOPS

## BALL STYLE WITH TEE HEAD

### MIP x CB COMPRESSION



| PART NUMBER | INLET MIP | OUTLET CB COMPRESSION | WT. EACH | BOX QTY. |
|-------------|-----------|-----------------------|----------|----------|
| 311NL-M3H3  | 3/4"      | 3/4"                  | 2.6      | 10       |
| 311NL-M4H4  | 1"        | 1"                    | 3.5      | 6        |
| 311NL-M5H5  | 1 1/4"    | 1 1/4"                | 9.0      | 2        |
| 311NL-M6H6  | 1 1/2"    | 1 1/2"                | 7.9      | 2        |
| 311NL-M6H7  | 1 1/2"    | 2"                    | 9.6      | 2        |
| 311NL-M7H7  | 2"        | 2"                    | 10.8     | 2        |

### MIP x CB COMPRESSION ELECTRICAL CONNECTION



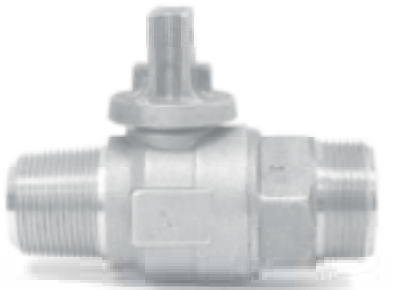
| PART NUMBER | INLET MIP | OUTLET CB COMPRESSION EL | WT. EACH | BOX QTY. |
|-------------|-----------|--------------------------|----------|----------|
| 311NL-M3HE3 | 3/4"      | 3/4"                     | 2.4      | 10       |
| 311NL-M4HE4 | 1"        | 1"                       | 3.4      | 6        |
| 311NL-M6HE6 | 1 1/2"    | 1 1/2"                   | 8.5      | 2        |
| 311NL-M7HE7 | 2"        | 2"                       | 11.7     | 2        |

### MIP x KITEC



| PART NUMBER | INLET MIP | OUTLET KITEC | WT. EACH | BOX QTY. |
|-------------|-----------|--------------|----------|----------|
| 311NL-M3K3  | 3/4"      | 3/4"         | 2.5      | 10       |
| 311NL-M4K4  | 1"        | 1"           | 3.5      | 6        |

### MIP x MIP



| PART NUMBER | INLET MIP | OUTLET MIP | WT. EACH | BOX QTY. |
|-------------|-----------|------------|----------|----------|
| 311NL-M3M3  | 3/4"      | 3/4"       | 2.2      | 10       |
| 311NL-M4M4  | 1"        | 1"         | 2.5      | 6        |
| 311NL-M6M6  | 1 1/2"    | 1 1/2"     | 7.2      | 2        |
| 311NL-M7M7  | 2"        | 2"         | 9.6      | 2        |

\* INSERTS ARE REQUIRED FOR OPTIMUM PERFORMANCE WHEN USING FLEXIBLE PIPE  
 For Corporation Stops less nut add LN to end of part number.

# CORPORATION STOPS

## BALL STYLE WITH OPEN RIGHT CAP

### AWWA X CB COMPRESSION



| PART NUMBER | INLET  | OUTLET | WT. EACH | BOX QTY. |
|-------------|--------|--------|----------|----------|
| 361NL-A3H3  | 3/4"   | 3/4"   | 1.6      | 15       |
| 361NL-A4H4  | 1"     | 1"     | 2.4      | 6        |
| 361NL-A5H5  | 1 1/4" | 1 1/4" | 8.2      | 2        |
| 361NL-A6H6  | 1 1/2" | 1 1/2" | 7.5      | 2        |
| 361NL-A6H7  | 1 1/2" | 2"     | 8.4      | 2        |
| 361NL-A7H7  | 2"     | 2"     | 10       | 2        |

### MIP X CB COMPRESSION



| PART NUMBER | INLET  | OUTLET | WT. EACH | BOX QTY. |
|-------------|--------|--------|----------|----------|
| 361NL-M3H3  | 3/4"   | 3/4"   | 1.6      | 15       |
| 361NL-M4H4  | 1"     | 1"     | 2.4      | 6        |
| 361NL-M5H5  | 1 1/4" | 1 1/4" | 8.2      | 2        |
| 361NL-M6H6  | 1 1/2" | 1 1/2" | 7.5      | 2        |
| 361NL-M6H7  | 1 1/2" | 2"     | 7.4      | 2        |
| 361NL-M7H7  | 2"     | 2"     | 10       | 2        |

\* INSERTS ARE REQUIRED FOR OPTIMUM PERFORMANCE WHEN USING FLEXIBLE PIPE  
For Corporation Stops less nut add LN to end of part number.

# CORPORATION STOPS

## PARTS

### CORPORATION STOP REPLACEMENT FITTINGS

#### AWWA x CAMPAK



| PART NUMBER | INLET AWWA | OUTLET CAMPAK | WT. EACH | BOX QTY. |
|-------------|------------|---------------|----------|----------|
| 305NL-A3B3  | 3/4"       | 3/4"          | 0.7      | 25       |
| 305NL-A4B4  | 1"         | 1"            | 1.0      | 15       |

#### AWWA x CB COMPRESSION



| PART NUMBER | INLET AWWA | OUTLET CB COMPRESSION | WT. EACH | BOX QTY. |
|-------------|------------|-----------------------|----------|----------|
| 305NL-A3H3  | 3/4"       | 3/4"                  | 0.7      | 25       |
| 305NL-A4H4  | 1"         | 1"                    | 1.2      | 16       |

#### FEMALE COPPER FLARE x COPPER FLARE (SWIVEL))



| PART NUMBER | INLET FEMALE COPPER FLARE | OUTLET COPPER FLARE | WT. EACH | BOX QTY. |
|-------------|---------------------------|---------------------|----------|----------|
| 306NL-P4C4  | 1"                        | 1"                  | 2.1      | 8        |
| 306NL-P6C6  | 1 1/2"                    | 1 1/2"              | 6.2      | 6        |
| 306NL-P7C7  | 2"                        | 2"                  | 9.3      | 4        |

#### FIP x MIP (SWIVEL)



| PART NUMBER | INLET  | OUTLET MIP | WT. EACH | BOX QTY. |
|-------------|--------|------------|----------|----------|
| 307NL-NY3M3 | 3/4"   | 3/4"       | 0.75     | 50       |
| 307NL-NY4M4 | 1"     | 1"         | 1.0      | 30       |
| 307NL-NY6M6 | 1 1/2" | 1 1/2"     | 2.2      | 6        |
| 307NL-NY7M7 | 2"     | 2"         | 2.9      | 4        |

\* INSERTS ARE REQUIRED FOR OPTIMUM PERFORMANCE WHEN USING FLEXIBLE PIPE  
 For Corporation Stops less nut add LN to end of part number.

# CORPORATION STOPS

## PARTS

### SQUARE HEAD TAPPING PLUG AWWA THREAD



| PART NUMBER | THREAD SIZE | WT.EACH (LBS) | BOX QTY |
|-------------|-------------|---------------|---------|
| 98NL-A1     | 1/2"        | 0.22          | 100     |
| 98NL-A2     | 5/8"        | 0.3           | 50      |
| 98NL-A3     | 3/4"        | 0.38          | 50      |
| 98NL-A4     | 1"          | 0.5           | 50      |
| 98NL-A6     | 1 1/2"      | 1.2           | 20      |
| 98NL-A7     | 2"          | 1.6           | 10      |

\* INSERTS ARE REQUIRED FOR OPTIMUM PERFORMANCE WHEN USING FLEXIBLE PIPE  
For Corporation Stops less nut add LN to end of part number.



## CAMBRIDGE BRASS LIFETIME WARRANTY

Cambridge Brass, Inc., 140 Orion Place, Cambridge, Ontario warrants to the installing purchaser that products manufactured by Cambridge Brass are free from defects in material and/or workmanship for the lifetime of the product.\*

Effective with products produced March 1st, 2005 or thereafter Cambridge Brass will, at its option, repair or replace any part which proves to be defective in material and/or workmanship during the warranty period under approved installation, water and service conditions and use.

If Cambridge Brass concludes that the returned part was manufactured by Cambridge Brass and is, in fact, defective, then Cambridge brass will honor the warranty stated herein. **LABOUR CHARGES AND/OR DAMAGED INCURRED IN INSTALLATION, REPAIR OR REPLACEMENT AS WELL AS CONSEQUENTIAL, SPECIAL, INDIRECT OR PUNITIVE DAMAGES CONNECTED THEREWITH ARE EXCLUDED AND WILL NOT BE PAID BY CAMBRIDGE BRASS.**

This warranty is void in the event of any damage to the product due to uses other than those for which the product has been designed & promoted, abuse, neglect, accident, improper installation, any use other than the instructions furnished by Cambridge Brass or use of replacement parts other than genuine Cambridge parts.

The Lifetime Warranty terms described herein do not apply to plug (key) style valves or to any moving plastic parts such as check valves.

Cambridge Brass does warrant these parts for 5 years per the other terms of this Lifetime warranty.

This is the complete and exclusive warranty made by Cambridge Brass. Cambridge Brass does not make any other warranty of any kind, including any implied warranties.

\*assumes a 40 year product life span.



*WATERWORKS BRASS MANUFACTURES*  
*PO Box 249 140 Orion Place Cambridge, Ontario Canada N1R 5V1*  
www.cambridgebrass.com Phone: 800-724 3906 Fax: 519-621-8038