

## SUBMITTAL SHEET

|                   |             |
|-------------------|-------------|
| JOB NAME          | ITEM TAG    |
| JOB LOCATION      | PART NUMBER |
| CONTRACTOR        | DATE        |
| ENGINEER APPROVAL | DATE        |



# LEAD-FREE QUARTER-TURN PUSH-FIT CHROME SUPPLY STOP

## T-595NL & T-596NL Push-Fit

Lead-free design is suitable for all no-lead potable water installations, in full compliance of all lead-free plumbing laws.

Quarter-turn, self-cleaning ball valve design resists mineral and scale build-up, assuring positive shutoff and re-opening.

The ball-seat operation and dual O-ring stem seal features, out-perform traditional multi-turn stop designs.

Compact, chrome plated, forged brass bodies are both durable and decorative.

An ideal upgrade replacement for worn, leaking stops that won't close completely.

Push-Fit design works on Copper Tube, PEX, PE-RT and CPVC.

### Working Pressure, Non Shock (PSI)

|                              |                                |
|------------------------------|--------------------------------|
| Cold working pressure (CWP): | 125 psi                        |
| Saturated steam (WSP):       | Not suitable for steam service |
| Maximum service temperature: | 120° F                         |

### MATERIAL SPECIFICATION

| PART                                    | MATERIAL                      | SPECIFICATION    |
|-----------------------------------------|-------------------------------|------------------|
| 1 Handle screw                          | Plated carbon steel           | AISI 1010        |
| 2 Handle                                | Chrome plated zinc            | ASTM B86         |
| 3 Stem                                  | Lead-free chrome plated brass | UNS Alloy C46500 |
| 4 Stem O-ring (2)                       | EPDM rubber                   | Commercial grade |
| 5 Compression ferrule                   | Brass                         | H65              |
| 6 Compression nut                       | Chrome plated brass           | UNS Alloy C37700 |
| 7 Body                                  | Lead-free chrome plated brass | UNS Alloy C46500 |
| 8 Seat (2)                              | PTFE                          | Commercial grade |
| 9 Ball                                  | Lead-free chrome plated brass | UNS Alloy C46500 |
| 10 End adapter                          | Lead-free chrome plated brass | UNS Alloy C46500 |
| 11 O-ring                               | EPDM rubber                   | Commercial grade |
| 12 Guide ring                           | Acetal resin                  | Copolymer 90     |
| 13 Lock ring (Removable version)        | Acetal resin                  | Copolymer 90     |
| 14 Grip ring                            | Stainless steel               | AISI 304         |
| 15 Release ring (Removable version)     | Acetal resin                  | Copolymer 90     |
| 16 Retainer nut (Non-removable version) | Chrome plated brass           | UNS Alloy C37700 |
| 17 Insert stiffener                     | PSU                           | Polysulfone      |

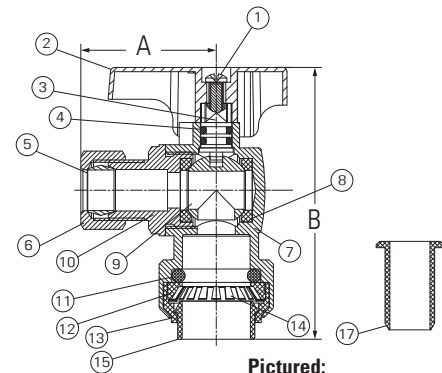
| DIMENSIONS                       | T-595NL Angle |      | T-596NL Straight |      |
|----------------------------------|---------------|------|------------------|------|
| Size                             | A             | B    | A                | B    |
| <b>Insta-Loc (Non-removable)</b> |               |      |                  |      |
| 1/2" Push-Fit x 1/4" OD          | 1.12          | 2.46 | 1.09             | 2.54 |
| 1/2" Push-Fit x 3/8" OD          | 1.20          | 2.46 | 1.09             | 2.62 |
| <b>Insta-Loc II (Removable)</b>  |               |      |                  |      |
| 1/2" Push-Fit x 1/4" OD          | 1.26          | 2.52 | 1.14             | 2.65 |
| 1/2" Push-Fit x 3/8" OD          | 1.26          | 2.52 | 1.14             | 2.65 |

### Certifications/Listings:

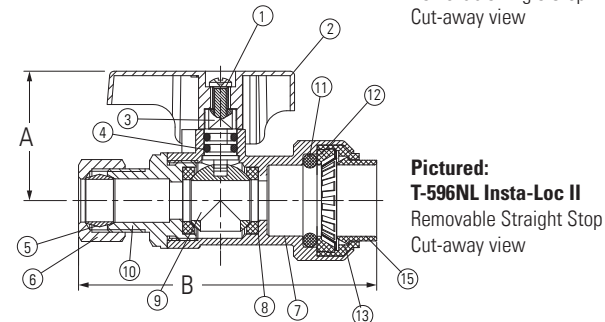
Third-Party certified.  
ANSI/NSF 14: Plastic Piping System Components and Related Materials.  
ANSI/NSF 61: Drinking water system components health effects.

### Standards:

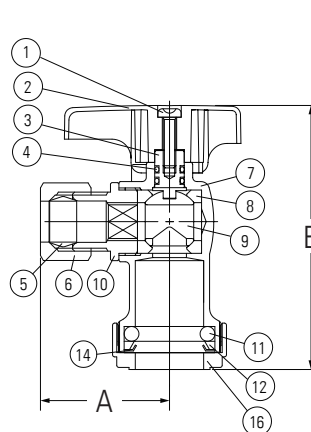
ASSE 1061: Performance requirements for Push-Fit fittings.



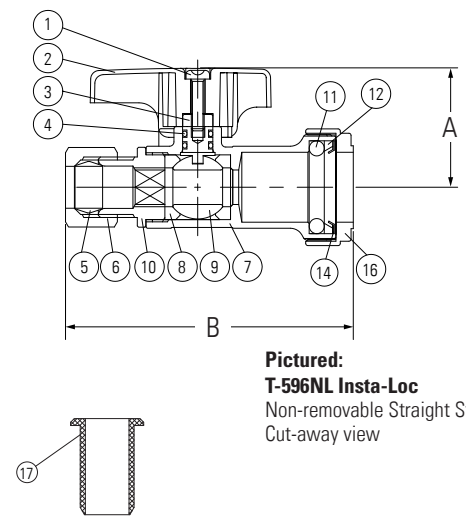
**Pictured:**  
**T-595NL Insta-Loc II**  
Removable Angle Stop  
Cut-away view



**Pictured:**  
**T-596NL Insta-Loc II**  
Removable Straight Stop  
Cut-away view



**Pictured:**  
**T-595NL Insta-Loc**  
Non-removable Angle Stop  
Cut-away view



**Pictured:**  
**T-596NL Insta-Loc**  
Non-removable Straight Stop  
Cut-away view