

## SUBMITTAL SHEET

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

### LEAD FREE TRADITIONAL MULTI-TURN ANGLE-PATTERN CHROME SUPPLY STOPS T/S-581NL, T-581PNL, S-581ETNL T/S-581RBNL, T-581PB, T/S-583NL and T/S-581LSNL

Lead-free design is suitable for all State and U.S. Federal Public Law (111-380) potable water installations.

Compact, lead-free brass body is machined from a single piece of barstock, providing the highest level of durability and strength.

Thermoplastic stems (except sweat configurations) resist scale and debris build-up better than metallic stems, even in hard water conditions.

Each stop is individually packaged, preventing connection component loss and protecting the stop from contamination.

Available in eleven angle-pattern configurations, including compression, PEX, sweat, extended-tube and FNPT inlet connections.

Available in chrome-plated, polished brass and rough-brass finishes.

#### Working Pressure, Non Shock (PSI)

Cold working pressure (CWP): 110

Saturated steam (WSP): Not suitable for steam service

- Third-party tested and certified in compliance with current State and National (U.S. Federal Public Law 111-380) lead-free plumbing laws.

- Certified to NSF/ANSI 372
- End connections conform to ANSI / ASME B1.20.1 and ANSI / ASME B16.18

- Manufactured in an ISO accredited facility

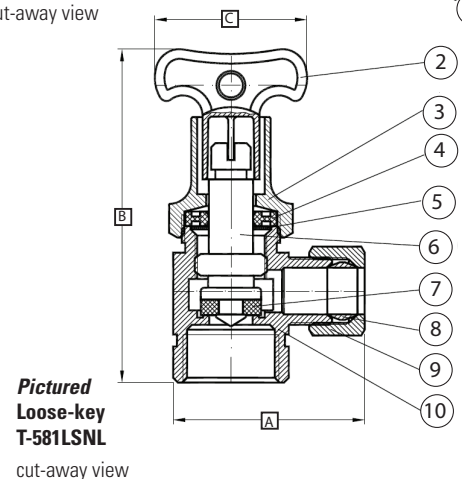
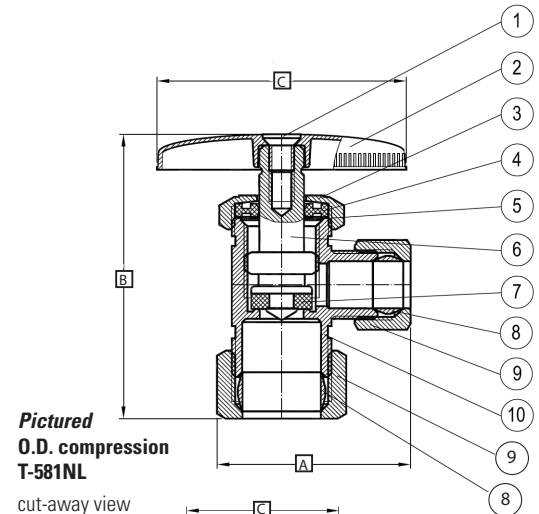


#### DIMENSIONS

| (Inlet x Outlet)  | A    | B(closed) | C    |
|---|------|-----------|------|
| 3/8" OD x 3/8" OD   | 1.43 | 2.24      | 2.02 |
| 5/8" OD x 3/8" OD**                                       | 1.57 | 2.31      | 2.02 |
| 5/8" OD x 1/4" OD   | 1.51 | 2.45      | 2.02 |
| 3/8" FNPT x 3/8" OD                                       | 1.46 | 2.08      | 2.02 |
| 1/2" FNPT x 3/8" OD*                                      | 1.57 | 1.97      | 2.02 |
| 1/2" CPVC x 3/8" OD                                       | 1.58 | 2.73      | 2.02 |
| 1/2" PEX x 3/8" OD  | 1.43 | 2.36      | 2.02 |
| 1/2" Tubing sweat x 3/8" OD*                              | 1.44 | 1.99      | 2.02 |
| 1/2" Sweat extended-tube x 3/8" OD                        | 2.40 | 6.69      | 2.02 |
| 1/2" FNPT x 1/2" OD                                       | 1.67 | 2.13      | 2.02 |
| 5/8" OD x 1/2" OD   | 1.58 | 2.43      | 2.02 |
| 1/2" Tubing sweat x 1/2" OD*                              | 1.52 | 2.05      | 2.02 |
| 1/2" FNPT x 1/2" or 7/16" OD Slip-joint                   | 1.56 | 2.07      | 2.02 |
| 5/8" OD x 1/2" or 7/16" OD Slip-joint                     | 1.58 | 2.38      | 2.02 |
| 1/2" Tubing sweat x 1/2" or 7/16" OD Slip-joint           | 1.48 | 2.19      | 2.02 |
| 1/2" FNPT x 3/8" OD with lockshield and loose-key         | 1.58 | 2.76      | 1.24 |
| 5/8" OD x 3/8" OD with lockshield and loose-key           | 1.44 | 3.10      | 1.24 |
| 1/2" Tubing sweat x 3/8" OD with lockshield and loose key | 1.44 | 2.75      | 1.24 |

\*Also available in rough brass (unplated)

\*\*Also available in rough brass (unplated) and polished brass finishes



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### MATERIAL SPECIFICATION

| PART  | MATERIAL   | SPECIFICATION  |
|---|--|--|
| 1 Handle screw  | Chrome plated brass  | JIS 3260 UNS C2600W  |
| 2 Handle (or loosekey)                                | Chrome plated die-cast brass (loosekey only: polished brass finish)              | ASTM Z30A Copper alloy #858  |
| 3 Bonnet  | Chrome plated forged brass   | ASTM B124 UNS C37700   |
| 4 Stem packing  | EPDM rubber  | Commercial grade, NSF approved   |
| 5 Anti-friction packing support washer                | Stainless steel  | AISI grade 304   |
| 6 Stem  | Acetal copolymer (Loose-key and sweat configurations: CP lead-free forged brass) | Celcon® M90 resin (Loose-key and sweat configurations: UNS Alloy C46400) |
| 7 Seat washer   | EPDM rubber  | Commercial grade, NSF approved   |
| 8 Compression ferrule                                 | Lead-free forged brass*  | UNS Alloy C46400   |
| 9 Compression nut                                     | Chrome plated forged brass   | ASTM B124 UNS C37700   |
| 10 Body   | Lead-free chrome plated forged brass*  | UNS Alloy C46400   |
| 11 Extension tube (model S-581ETNL only)              | Lead-free chrome plated brass  | ASTM B36 UNS Alloy C26000  |
| 12 Escutcheon (model S-581ETNL only)                  | Stainless steel  | AISI grade 304   |
| 13 Adapter gasket (1/2" CPVC T-581NL only)            | NBR (Buna-N) rubber  | Commercial grade, NSF approved   |
| 14 CPVC tubing adapter (1/2" CPVC T-581NL only)       | Virgin CPVC resin  | ASTM D1784, Class 23447  |
| 15 Compression nut (1/2" CPVC T-581NL only)           | Chrome plated forged brass   | ASTM B124 UNS C37700   |
| 16 Slip-joint gasket (model T/S-583NL only)           | EPDM rubber  | Commercial grade, NSF approved   |
| 17 Anti-friction washers (two) (model T/S-583NL only) | Lead-free brass  | ASTM B36 UNS Alloy C26000  |
| 18 Compression nut (model T/S-583NL only)             | Chrome plated forged brass   | ASTM B124 UNS C37700   |

\*rough brass (unplated) and polished brass configurations are also lead-free

