

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.

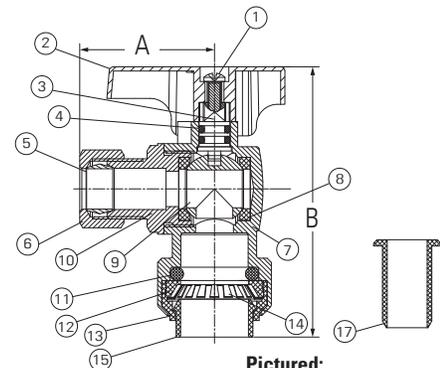


Working Pressure, Non Shock (PSI)

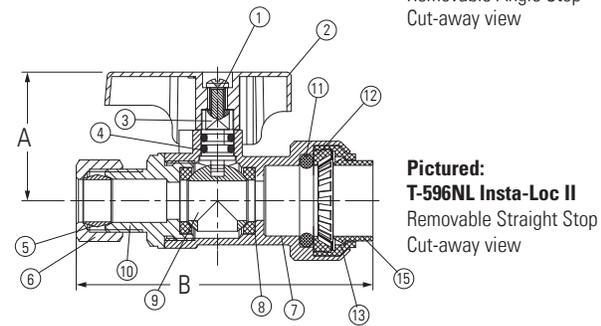
Cold working pressure (CWP): 125 psi
Saturated steam (WSP): Not suitable for steam service
Maximum service temperature: 120° F

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



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



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

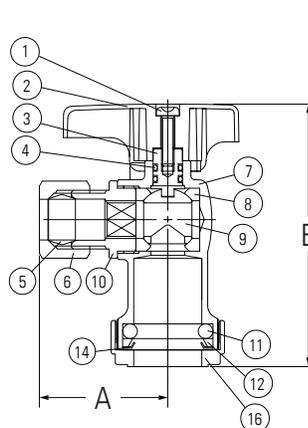
DIMENSIONS	Size	T-595NL Angle		T-596NL Straight	
		A	B	A	B
Insta-Loc (Non-removable)					
	1/2" Push-Fit x 1/4" OD	1.12	2.46	1.09	2.54
	1/2" Push-Fit x 3/8" OD	1.20	2.46	1.09	2.62
Insta-Loc II (Removable)					
	1/2" Push-Fit x 1/4" OD	1.26	2.52	1.14	2.65
	1/2" Push-Fit x 3/8" OD	1.26	2.52	1.14	2.65

Certifications/Listings:

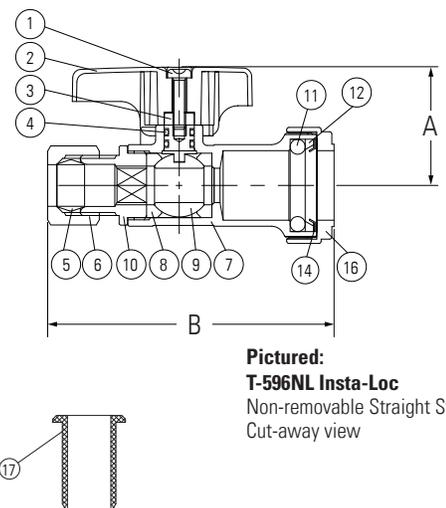
Third-Party certified.
ANSI/NSF 14: Plastic Piping System Components and Related Materials.
ANSI/NSF 61: Drinking water system components health effects.

Standards:

ASSE 1061: Performance requirements for Push-Fit fittings.



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



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