

## SUBMITTAL SHEET

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

## LEAD-FREE STOP-AND-WASTE VALVE

### T/S-511NL and S-511PNL

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

Full-pattern body, packing and handwheel construction.

Convenient stop-and-waste configuration.

An electric-induction furnace cast process optimizes molten brass temperatures, resulting in superior components.

Equipped with a stem packing and packing nut design, which are superior to packless-bonnet stem seal designs.

Full-pattern body, packing and handwheel construction is more durable than competitors' reduced-material examples.

Available in nominal sizes 1/2" and 3/4" in FNPT, Sweat or PEX end connections.

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

- Truesdail Labs Certified to ANSI / NSF Standard 61-G.

- End connections comply with:

ANSI / ASME B1.20.1 (FNPT)

ANSI / ASME B16.18 (CTS solder)

ASTM F1807 (PEX barb)

- Manufactured in an ISO accredited facility.



**Pictured  
Model T-511NL**



**Pictured  
Model S-511NL**



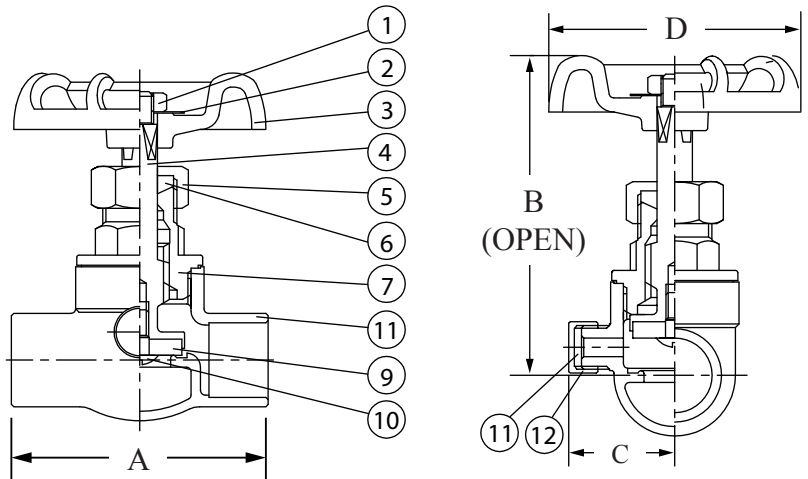
### Working Pressure, Non Shock (PSI)

Cold working pressure (CWP): 125 p.s.i.

Saturated steam (WSP): Not recommended

### MATERIAL SPECIFICATION

PART	MATERIAL	SPECIFICATION
1 Handle nut	Cadmium plated steel	AISI 1010
2 Identification disc	Aluminum	ASTM B209-1100
3 Handle	Cast iron	ASTM A48 class 35
4 Stem	Lead-free cast brass	UNS Alloy C46400
5 Packing nut	Brass	UNS Alloy C36000
6 Stem packing	NBR (Buna-N) rubber	Commercial grade
7 Bonnet	Lead-free cast brass	UNS Alloy C46400
8 Body	Lead-free cast brass	UNS Alloy C46400
9 Seat (bibb washer)	NBR (Buna-N) rubber	Commercial grade
10 Seat retaining screw	Stainless steel	AISI 304
11 Waste cap seal	NBR (Buna-N) rubber	Commercial grade
12 Waste cap	Brass	UNS Alloy C36000



**Pictured  
Model S-511NL  
Cut-away**

### DIMENSIONS

Size	A	B	C	D
1/2" FNPT & CTS	2.16	2.63	0.91	2.13
3/4" FNPT & CTS	2.59	2.53	0.95	2.13
1/2" PEX	3.75	2.63	0.91	2.13
3/4" PEX	4.25	2.53	0.95	2.13