LEGEND
PLUMBING • INDUSTRIAL • COMMERCIAL • HYDRONICS

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 compitors' 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.

C US



Pictured
Model T-511NL



Pictured
Model S-511NL

Working Pressure, Non Shock (PSI)

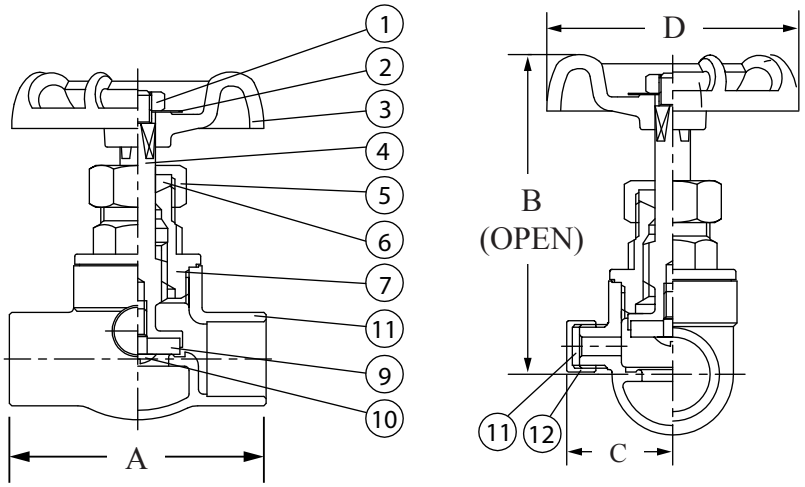
Cold working pressure (CWP): 125 p.s.i.
Saturated steam (WSP): Not recommended

MATERIAL SPECIFICATION

	PART	MATERIAL	SPECIFICATION
1	Handle nut	Cadmimum 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

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



Pictured
Model S-511NL
Cut-away