

SUBMITTAL SHEET

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

LEAD-FREE FULL PORT BALL VALVE WITH DRAIN

T/S-1102NL

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

Durable lead-free forged brass body.

Bottom-loaded blowout-proof stem.

Gland follower stem design.

Allows line to be drained for maintenance or to prevent freeze-up.

A more durable alternative to conventional stop and waste valves.

Available in nominal sizes 1/2" to 1", FNPT and Sweat.

- Third-party tested and certified in compliance with U.S. Federal Public Law 111-380 (National lead-free plumbing law).
- End connections comply with:
ANSI / ASME B1.20.1 (FNPT)
ANSI / ASME B16.18 (CTS solder)
- NSF certified to ANSI / NSF Standard 61-G.
- Manufactured in an ISO 9002 accredited facility.



**Pictured:
S-1102NL**

Working Pressure, Non Shock (PSI)

Cold working pressure (CWP): 600 p.s.i.

Saturated Steam: Not recommended

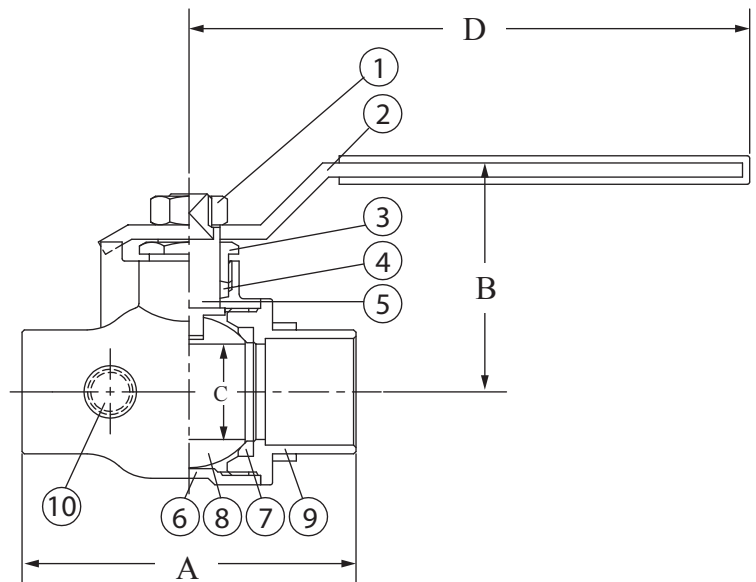
MATERIAL SPECIFICATION

PART	MATERIAL	SPECIFICATION
1 Handle nut	Steel	AISI 1010
2 Handle	Steel	ASTM A283 Class D
3 Packing nut	Forged Brass	UNS Alloy C36000
4 Stem packing	PTFE	Telfon®
5 Stem	Brass	UNS Alloy C36000
6 Body	Lead-free forged brass	UNS Alloy C46400
7 Seats (2)	PTFE	Telfon®
8 Ball	Lead-free chrome plated forged brass	UNS Alloy C46400
9 End adapter	Lead-free forged brass	UNS Alloy C46400
10 Waste cap	Brass	UNS Alloy C36000

*Telfon is a registered trademark of Dupont

DIMENSIONS

Size	A (IPS)	A (CXC)	B	C	D	CV**
1/2"	2.01	1.93	1.54	0.50	3.31	10.00
3/4"	2.36	2.76	1.89	0.79	4.56	26.00
1"	2.88	3.31	2.05	1.00	4.65	48.00



**Pictured:
S-1102NL
Cut-away**

**The CV Factor is the gallons of water per minute passed through the valve with a 1 PSI pressure drop.