

## SUBMITTAL SHEET

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



# NO LEAD DZR FORGED BRASS PEX BALL VALVE

## T-1960NL

Dezincification-resistant (DZR) forged brass resists corrosion from exposure to a wide variety of water conditions.

Bottom-loaded, blowout-proof stem features a dual-seal PTFE packing and EPDM rubber O-ring design, assuring positive sealing under a multitude of conditions.

Self-cleaning stainless steel ball resists mineral build-up and scaling.

Barbed end connections are designed for use with PEX (ASTM F876 & 877) and PE-RT (ASTM F2769).

Designed for use with cold expansion rings that are manufactured in compliance with ASTM F1960.

Available in 1/2" through 3" sizes.

### Working Pressure, Non Shock (PSI)

Cold working pressure (CWP): 400 psi\*

Saturated steam (WSP): Not suitable for steam applications

\***Caution!** Exceeds the pressure rating of PEX tubing

MATERIAL SPECIFICATION			
PART	MATERIAL	SPECIFICATION	
1	Body	DZR lead-free forged brass	UNS Alloy C46500
2	Seats (2)	PTFE	Commercial grade
3	Ball	Stainless steel	AISI 304 SS
4	O-ring	NBR rubber	Commercial grade
5	Packing	PTFE	Commercial grade
6	Stem	Forged brass or stainless steel	1/2" to 2-1/2" UNS Alloy C36000 3" AISI 304 SS
7	Handle nut	Zinc plated steel	Commercial grade
8	Lock washer	Zinc plated steel	Commercial grade
9	Handle	Zinc plated steel	Commercial grade
10	Packing nut	Forged brass	UNS Alloy C36000
11	End adapter	DZR lead-free forged brass	UNS Alloy C46500

DIMENSIONS - NO STEM EXTENSION					
Size	A (PEX X PEX)	B	B (w/ Stem Extension)	C	D
1/2"	2.58	1.69	3.50	0.39	3.46
3/4"	3.31	1.81	3.62	0.61	3.46
1"	3.98	2.09	3.93	0.81	4.29
1-1/4"	4.65	2.25	4.09	0.98	4.29
1-1/2"	5.52	2.45	4.30	1.10	5.63
2"	6.91	2.74	4.60	1.58	5.63
2-1/2"	8.80	3.04	-	2.01	5.63
3"	10.75	4.25	-	2.44	7.76

### Certifications/Listings:

Third-party certified.

NSF/ANIS 14: Plastic piping system components and related materials.

NSF/ANSI 61: Drinking water system components - Health effects.

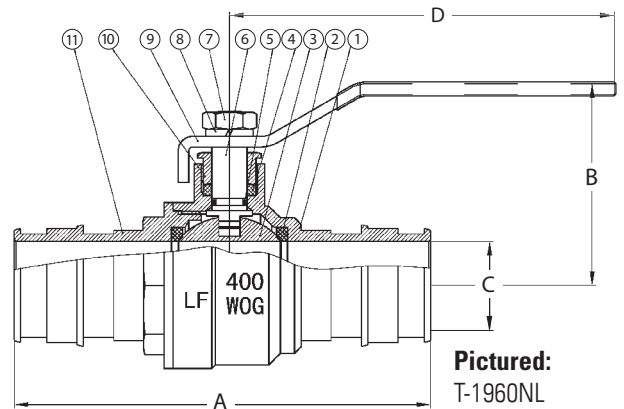
NSF/ANSI 372: Drinking water system components - Lead content

ASTM F1960: Cold expansion fittings with PEX reinforced rings.

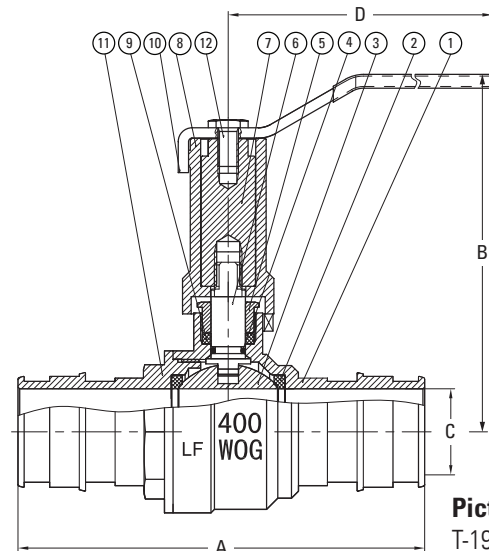
**Pictured:**  
T-1960NL



**Pictured:**  
T-1960NL  
Stem Extension



**Pictured:**  
T-1960NL  
No Stem Extension  
Cut-away



**Pictured:**  
T-1960NL with  
Stem Extension  
Cut-away