LEGEND
PLUMBING • INDUSTRIAL • COMMERCIAL • HYDRONICS

SUBMITTAL SHEET

JOB NAME | ITEM TAG

JOB LOCATION | PART NUMBER

CONTRACTOR | DATE

ENGINEER APPROVAL | DATE

TWO-PIECE FULL PORT STAINLESS STEEL BALL VALVE

T-712

This product conforms to the National lead-free plumbing law. Materials used in its manufacture are required to be lead-free, as specified in the applicable ASTM and AISI standards.

Heavy-duty two-piece investment cast body design.

Bottom-loaded blowout-proof stem.

Equipped with a latch-lock handle.

Ideal for commercial and industrial applications.

Integral, tapped mounting pad for actuation or panel attachment.

Sizes 2-1/2" to 4" are equipped with dual mounting pads.

Available in sizes FNPT Nominal sizes 1/4" to 4".

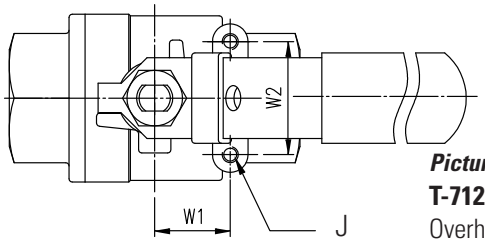
Working Pressure, Non Shock (PSI)

Cold working pressure (CWP): 1000 p.s.i.
Saturated steam (WSP): 150 p.s.i.

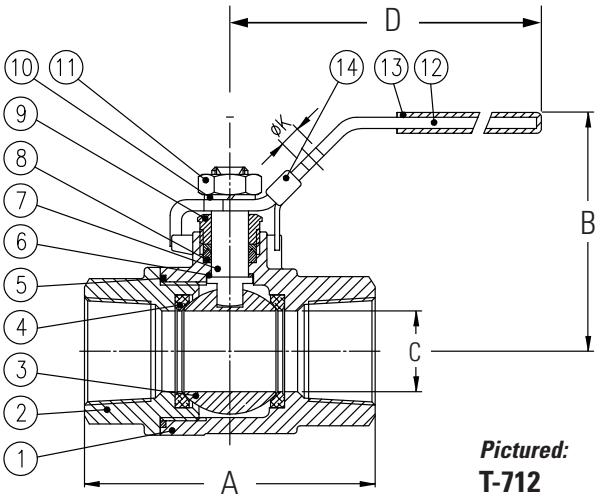
- Conforms to MSS SP-110.
- Threaded end connections comply with ANSI / ASME B1.20.1
- Manufactured in an ISO accredited facility.



Pictured:
T-712



Pictured:
T-712
Overhead view



Pictured:
T-712
Cut-away

MATERIAL SPECIFICATION

In order to meet the Standards' material specifications, none of the wetted components' materials allow for the presence of lead.

	PART	MATERIAL	SPECIFICATION
1	Body	Investment cast 316 stainless steel	ASTM A351 CF8M
2	End adapter	Investment cast 316 stainless steel	ASTM A351 CF8M
3	Ball	316 Stainless steel Investment cast 316 stainless steel	1-4" & 3/8": ASTM A276 316 1/2"- 4": ASTM A351 CF8M
4	Seats (2)	PTFE	Telfon*
5	End adapter seal	PTFE	Telfon*
6	Thrust washer	PTFE	Telfon*
7	Stem	316 Stainless steel	ASTM A276 316
8	Stem packing (dual-ring)	PTFE	Telfon*
9	Packing nut	304 Stainless steel	AISI 304
10	Split (lock) washer	304 Stainless steel	AISI 304
11	Handle nut	304 Stainless steel	AISI 304
12	Handle	304 Stainless steel	AISI 304
13	Handle sleeve	Vinyl	Commerical grade
14	Latch lock	304 Stainless steel	AISI 304

**Telfon is a registered trademark of DuPont.*

DIMENSIONS

Size	A	B	C	D	J	K	W1	W2
1/4"	2.17	1.97	0.45	3.94	10-24 UNC screw thread	0.20	0.50	1.12
3/8"	2.17	1.97	0.49	3.94	10-24 UNC screw thread	0.20	0.50	1.12
1/2"	2.56	2.36	0.59	5.12	10-24 UNC screw thread	0.30	0.50	1.12
3/4"	2.94	2.52	0.79	5.12	10-24 UNC screw thread	0.30	0.88	1.38
1"	3.46	2.80	0.98	6.50	10-24 UNC screw thread	0.30	0.88	1.38
1-1/4"	4.002	3.07	1.26	6.50	1/4"-20 UNC screw thread	0.30	1.00	1.50
1-1/2"	4.33	3.39	1.50	7.48	1/4"-20 UNC screw thread	0.30	1.00	1.50
2"	4.92	3.74	1.97	7.48	1/4"-20 UNC screw thread	0.30	1.00	1.50
2-1/2"	6.31	5.14	2.54	9.88	1/4"-20 UNC screw thread**	0.40	1.38	2.18
3"	6.94	5.64	3.10	10.25	1/4"-20 UNC screw thread**	0.40	138	2.18
4"	9.50	6.81	3.88	13.18	1/4"-20 UNC screw thread**	0.40	1.96	2.46

***Sizes 2-1/2" to 4" are equipped with dual mounting pads.*