

BA-100/100S* P2

1/2"-2"

BRONZE BALL VALVE
TWO-PIECE, FULL-PORT (1/4"-3/4") STANDARD PORT (1"-2")
200 PSIG @ 250°F
PRESS ENDS
BLOW-OUT PROOF STEM

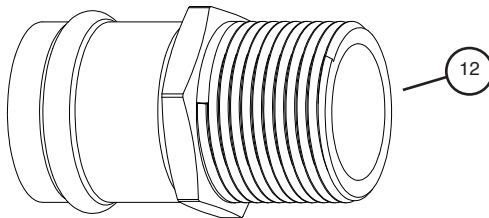
MSS SP-110

*Not intended for use in potable water.

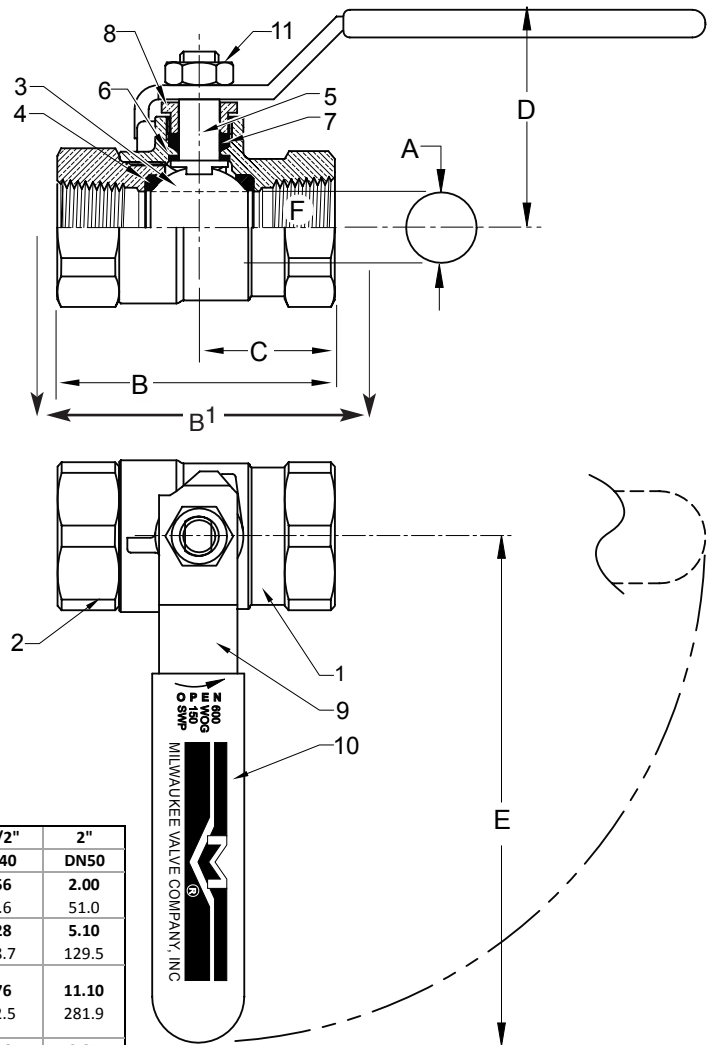
Available with Press x Threaded Ends.
 (Order as BA100P1/BA100SP1)

MATERIALS LIST

ITEM	PART	MATERIALS	ASTM SPEC.
1	Body	Cast Bronze	B584
2	Tailpiece	Brass	B283
		Cast Bronze (1 1/4" & up)	B584
3	Ball	Brass w/ Hard Chrome Plating	B283
		316 Stainless Steel	A276
4	Seat	RPTFE, 15% Glass Filled	
5	Stem	Brass	B16
		316 Stainless Steel	A276
6	Thrust Washer	RPTFE, 25% Glass Filled	
7	Packing	PTFE	
8	Packing Nut	Brass	B16
9	Handle	Steel w/ Zinc Plating	Commercial
10	Hand Grip	Vinyl	
11	Handle Nut	Steel w/ Zinc Plating	Commercial
12	Press Adapters	Brass Fitted w/ Buna O'Ring	ASTM C27450



Press End Adapter.



	UNITS	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
A(DIA)	INCHES	0.38	0.38	0.5	0.76	1.06	1.31	1.56	2.00
	mm	9.7	9.7	12.7	19.3	26.9	33.3	39.6	51.0
B	INCHES	1.86	1.86	2.19	2.59	3.32	3.77	4.28	5.10
	mm	45.6	45.6	53.7	65.8	84.3	95.8	108.7	129.5
B ¹ Press Ends	INCHES			5.19	6.17	7.32	7.84	8.76	11.10
	mm			131.8	156.7	185.9	199.1	222.5	281.9
C	INCHES	1.00	1.00	1.10	1.30	1.59	1.81	2.06	2.37
	mm	24.5	24.5	27.0	33.0	40.4	46.0	52.3	60.2
D	INCHES	1.78	1.81	1.91	2.32	2.68	2.82	3.00	3.36
	mm	43.6	44.3	46.8	58.9	68.1	71.6	76.2	85.3
E	INCHES	3.82	3.82	3.82	4.55	6.33	6.33	6.33	7.19
	mm	93.6	93.6	93.6	115.6	160.8	160.8	160.8	182.6
F	INCHES	1/4" NPT	3/8" NPT	1/2" NPT	3/4" NPT	1" NPT	1-1/4" NPT	1-1/2" NPT	2" NPT
	mm								

The information presented on this sheet is correct at the time of publication. Milwaukee Valve reserves the right to change design, and/or material specifications without notice. For the Installation, Operation and Maintenance Manual (IOM) see the engineering section on our website. For the most current information access www.milwaukeevalve.com



8501/8503* P2

1/2"-2"

MSS SP-110

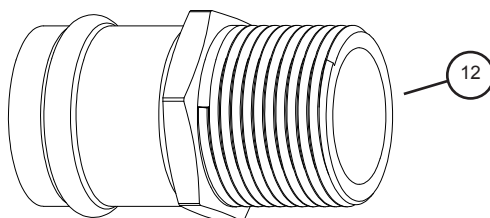
BRONZE BALL VALVE
TWO-PIECE, FULL-PORT (1/4"-3/4") STANDARD PORT (1"-2")
200 PSIG @ 250°F
PRESS ENDS
BLOW-OUT PROOF STEM

*Not intended for use in potable water.

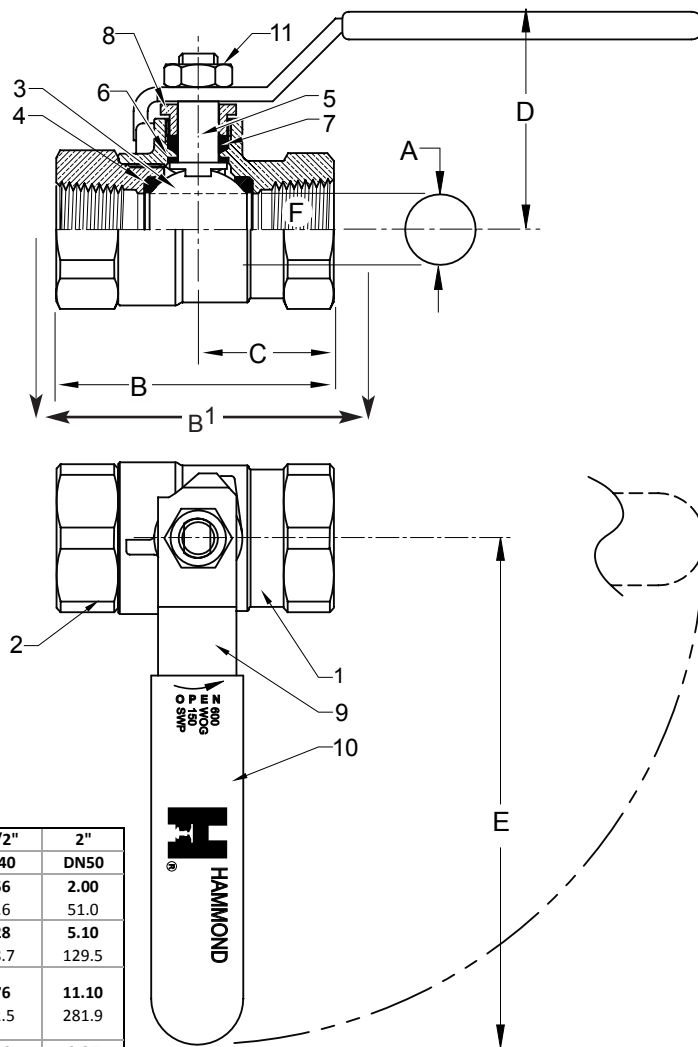
Available with Press x Threaded Ends.
 (Order as 8501P1/8503P1)

MATERIALS LIST

ITEM	PART	MATERIALS	ASTM SPEC.
1	Body	Cast Bronze	B584
2	Tailpiece	Brass	B283
		Cast Bronze (1 1/4" & up)	B584
3	Ball	Brass w/ Hard Chrome Plating	B283
		316 Stainless Steel	A276
4	Seat	RPTFE, 15% Glass Filled	
5	Stem	Brass	B16
		316 Stainless Steel	A276
6	Thrust Washer	RPTFE, 25% Glass Filled	
7	Packing	PTFE	
8	Packing Nut	Brass	B16
9	Handle	Steel w/ Zinc Plating	Commercial
10	Hand Grip	Vinyl	
11	Handle Nut	Steel w/ Zinc Plating	Commercial
12	Press Adapters	Brass Fitted w/ Buna O+Ring	ASTM C27450



Press End Adapter.



	UNITS	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
A(DIA)	INCHES	0.38	0.38	0.5	0.76	1.06	1.31	1.56	2.00
	mm	9.7	9.7	12.7	19.3	26.9	33.3	39.6	51.0
B	INCHES	1.86	1.86	2.19	2.59	3.32	3.77	4.28	5.10
	mm	45.6	45.6	53.7	65.8	84.3	95.8	108.7	129.5
B ¹ Press Ends	INCHES			5.19	6.17	7.32	7.84	8.76	11.10
	mm			131.8	156.7	185.9	199.1	222.5	281.9
C	INCHES	1.00	1.00	1.10	1.30	1.59	1.81	2.06	2.37
	mm	24.5	24.5	27.0	33.0	40.4	46.0	52.3	60.2
D	INCHES	1.78	1.81	1.91	2.32	2.68	2.82	3.00	3.36
	mm	43.6	44.3	46.8	58.9	68.1	71.6	76.2	85.3
E	INCHES	3.82	3.82	3.82	4.55	6.33	6.33	6.33	7.19
	mm	93.6	93.6	93.6	115.6	160.8	160.8	160.8	182.6
F	INCHES	1/4" NPT	3/8" NPT	1/2" NPT	3/4" NPT	1" NPT	1-1/4" NPT	1-1/2" NPT	2" NPT
	mm								

The information presented on this sheet is correct at the time of publication. Hammond Valve reserves the right to change design, and/or material specifications without notice. For the Installation, Operation and Maintenance Manual (IOM) see the engineering section on our website. For the most current information access www.hammondvalve.com
 Hammond Valve is a registered trade mark of Milwaukee Valve Company.