

SSPEXBVD SERIES - 304 STAINLESS STEEL FULL PORT CRIMP PEX BALL VALVE

FEATURES:

- Two piece investment cast body
- Blow out proof stem
- Solid stainless steel ball
- Stainless steel handle with blue plastic sleeve
- Available with drain port to allow system draining (SSPEXBVD Series)

SPECIFICATIONS:

- Full Port conforms to IAPMO/ANSI Z1157
- For use with ASTM F2769-22 tubing (Standard Specification for Polyethylene of Raised Temperature (PE-RT/SDR9) Plastic Hot and Cold Potable Water Tubing and Distribution Systems)
- For use with ASTM F2623-22 tubing (Standard Specification for Polyethylene of Raised Temperature (PE-RT/SDR9) Systems for Non-Potable Water Applications)
- For use with ASTM F876-23 PEX pipe (Standard Specification for Crosslinked Polyethylene (PEX) Tubing that is Outside Diameter Controlled)
- Crimp PEX ends conform to ASTM F1807

CERTIFICATIONS:

- cUPC (Canadian Uniform Plumbing Code) Listed
- NSF/ANSI Standard 61 Certified (Drinking Water System Components - Health Effects)
- NSF/ANSI Standard 372 Certified (Drinking Water System Components - Lead Content - Stainless steel alloys do not contain any lead, 0.00% Pb.)
- IAPMO/ANSI Z1157 Certified (Standard Guidelines for Ball Valves)

RATINGS:

- Max Pressure Rating: 600 PSI at 100°F (37.8°C), 200 PSI at 200°F (93°C)
- Temperature Range: 33.8°F (1°C) to 200°F (93°C)

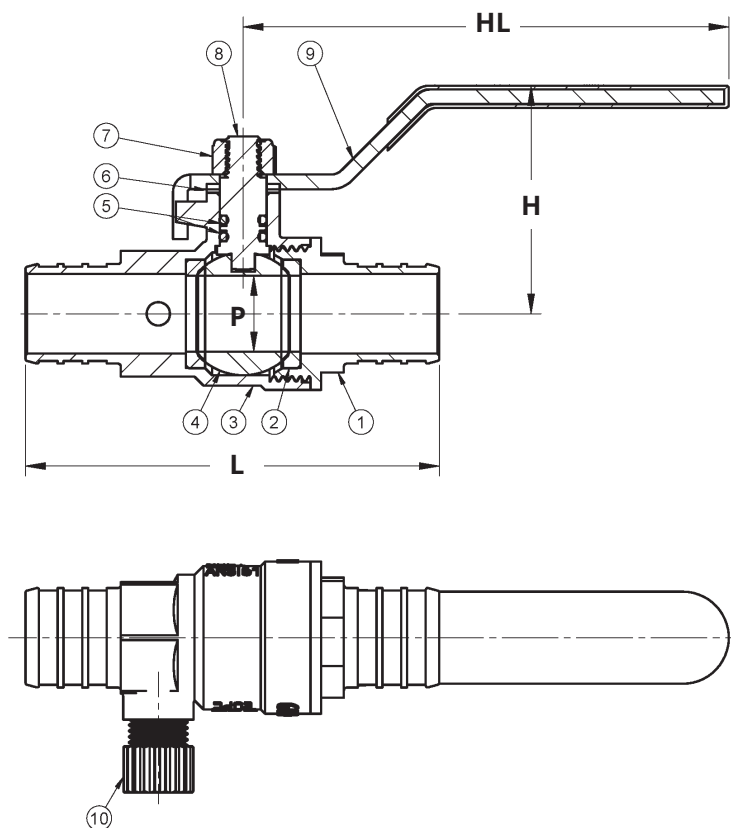


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MATERIAL LIST			
Part No.	Part Name	Qty.	Material
1	End Cap	1	304 Stainless Steel
2	Seat	2	Polytetrafluoroethylene (PTFE)
3	Valve Body	1	304 Stainless Steel
4	Ball	1	304 Stainless Steel
5	Stem Packing	2	Nitrile Butadiene Rubber (NBR)
6	Handle Seat	1	Polytetrafluoroethylene (PTFE)
7	Lock Nut	1	304 Stainless Steel
8	Stem	1	304 Stainless Steel
9	Handle	1	304 Stainless Steel with PVC Coating
10	Drain Cap (SSPEXBVD series only)	1	304 Stainless Steel with NBR Seal



DIMENSIONS											
Part No.	Size	L		H		HL		P		Weight	
		in	mm	in	mm	in	mm	in	mm	lb	grams
SSPEXBVD-05	1/2"	2.79	70.8	1.44	36.5	3.27	83.0	0.35	9.00	0.26	120
SSPEXBVD-07	3/4"	2.78	70.7	1.54	39.0	3.27	83.0	0.51	13.0	0.34	153
SSPEXBVD-10	1"	3.35	85.0	1.87	47.5	4.14	105.1	0.71	18.0	0.56	255

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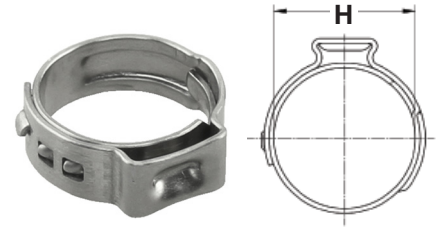
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ACCESSORY PARTS:

SSPEX-PC SERIES - PINCH CLAMPS

- Made from 304 stainless steel
- Conforms to testing standard ASTM-F877

Part No.	Description	H (Unclamped)		H (Clamped)	
		in	mm	in	mm
SSPEX-PC05	1/2" PEX Clamp Ring	0.69	17.5	0.61	15.5
SSPEX-PC07	3/4" PEX Clamp Ring	0.92	23.3	0.86	21.8
SSPEX-PC10	1" PEX Clamp Ring	1.17	29.6	1.12	28.4



720P-CR SERIES - CRIMP RING

- Made from C12200 copper

Part No.	Description	D		E**		F	
		in	mm	in	mm	in	mm
720P-CR05*	1/2" Crimp PEX Ring	0.75	19.1	0.64	16.2	0.33	8.26
720P-CR07*	3/4" Crimp PEX Ring	1.00	25.4	0.89	22.6	0.33	8.26
720P-CR10*	1" Crimp PEX Ring	1.25	31.8	1.15	29.3	0.37	9.27



*Dimensional tolerances as per ASTM F1807

**Note: I.D. (E) is a calculated dimension and is a reference only.



Crimp Ring Markings

REPLACEMENT PARTS:

RPSSPEXBV SERIES - HANDLE (WITH LOCKNUT)

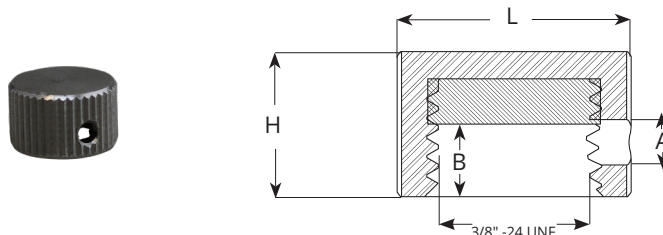
Part No.	Description	SS Lock Nut Thread
RPSSPEXBV-H1V2898	Fits 1/2 and 3/4" ball valves	M6 x 1
RPSSPEXBV-H2V2898	Fits 1" ball valves	M8 x 1.25



RPSSBV-DC38 SERIES - DRAIN CAP

- Made from 304 Stainless Steel

Part No.	Description	L		H		A		B		Weight	
		in	mm	in	mm	in	mm	in	mm	lbs	grams
RPSSBV-DC38-24	3/8"-24 UNF Threaded Cap Fits 1/2, 3/4, and 1" ball valves	0.51	13	0.31	8	0.10	2.5	0.26	6.50	0.01	5.1



For more information on installation, adjustment, repair & operation, visit Boshart Knowledge Base at

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