

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

FEATURES:

- Two piece investment cast body
- Blow out proof stem
- Solid stainless steel ball for 1/2" through 1-1/4" sizes
- Stainless steel handle with blue plastic sleeve
- Valves are supplied with end connection protective caps to keep out foreign debris and prevent potential damage to barbs

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

RATINGS:

- Maximum pressure rating: 600 PSI CWP
- CWP - Cold Working Pressure, is an indication of the pressure rating for valves at a temperature range of up to +100 °F (37 °C)
- Maximum temperature rating: 33.8 °F to 200 °F (1 °C to 93 °C)

CAUTION: Regardless of the valve's pressure & temperature ratings, you must never exceed the manufacturer's maximum pressure and temperature ratings of PEX or PE-RT pipe. See typical ratings on underside of valve handle, these may vary from one manufacturer to the next.

PE-RT - 200 PSI @ 73°F (1379 kPa @ 23°C)
PEX - 160 PSI @ 73°F (1103 kPa @ 23°C)
PEX/PE-RT - 100 PSI @ 180°F (689 kPa @ 82°C)
PEX - 80 PSI @ 200°F (551 kPa @ 93°C)

CERTIFICATIONS:

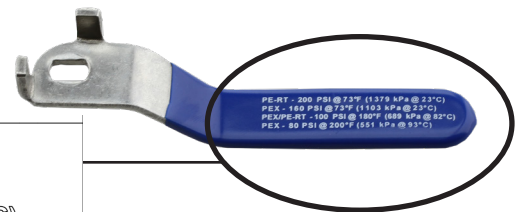
- cUPC (Canadian Uniform Plumbing Code) Listed; IAPMO/ANSI Z1157 and ASME A112.4.14/CSA B125.14 Certified
- NSF/ANSI/CAN Standard 61 Certified (Drinking Water System Components - Health Effects)
- NSF/ANSI/CAN 372 Certified (Drinking Water System Components - Lead Content - Stainless Steel alloys do not contain any lead, 0.00% Pb)
- NSF/ANSI/CAN Standard 14 Certified (Plastics Piping System Components and Related Materials)

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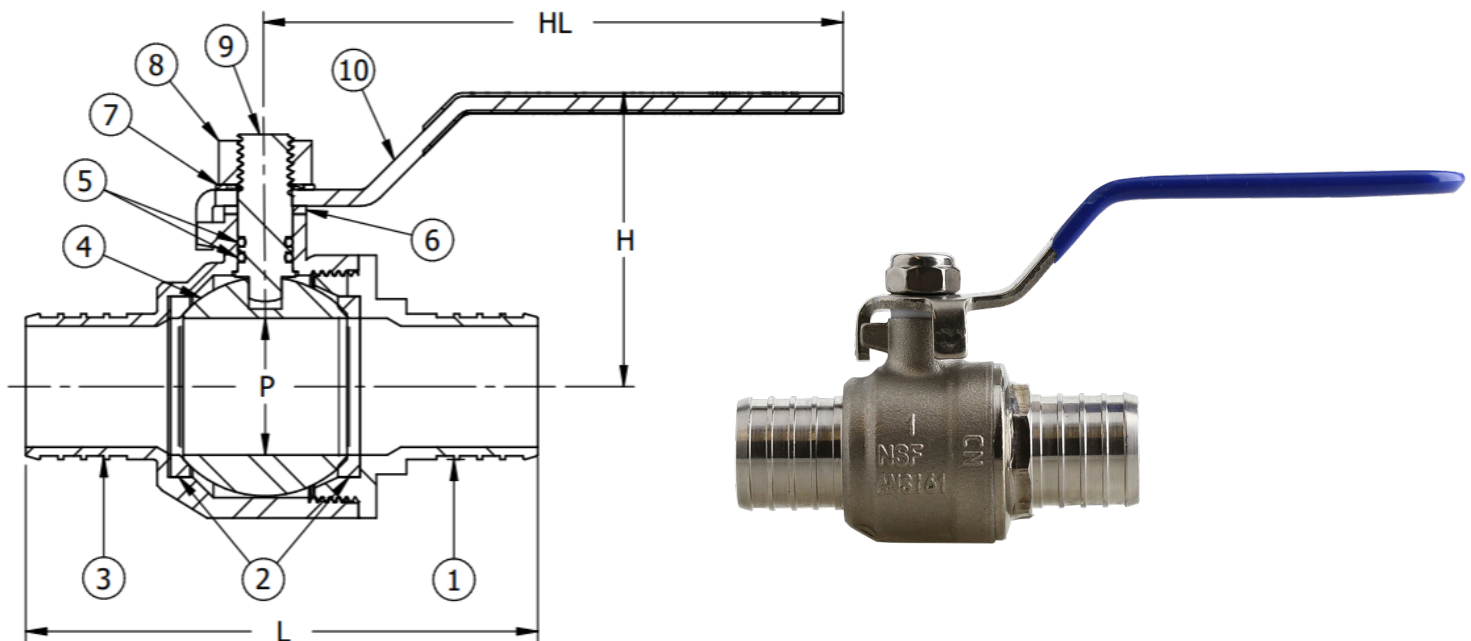
25 Whaley Avenue, PO Box 310, Milverton,
ON CANADA N0K 1M0
Tel: 800-561-3164

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MATERIAL LIST			
Part No.	Part Name	Qty.	Material
1	End Cap	1	304 Stainless Steel
2	Seat	2	PTFE (Polytetrafluoroethylene)
3	Valve Body	1	304 Stainless Steel
4	Ball	1	304 Stainless Steel
5	Stem O-ring only up to 1-1/4" *	2	1 x NBR (Nitrile Butadiene Rubber) 1 x FKM (Fluoroelastomer)
6	Friction Washer	1	PTFE (Polytetrafluoroethylene)
7	Lock Washer	1	304 Stainless Steel
8	SS Hex Nut	1	304 Stainless Steel
9	Stem	1	304 Stainless Steel
10	Handle	1	304 Stainless Steel with blue PVC sleeve



DIMENSIONS											
Part No.	Size	L		H		HL		P		Weight	
		in	mm	in	mm	in	mm	in	mm	lb	g
SSPEXBV-05	1/2"	2.43	61.8	1.47	37.4	3.27	83.0	0.354	9.00	0.231	105.1
SSPEXBV-07	3/4"	2.45	62.4	1.57	40.0	3.27	83.0	0.531	13.50	0.325	147.6
SSPEXBV-10	1"	2.99	76.0	1.87	47.5	4.15	105.1	0.712	18.05	0.500	226.8
SSPEXBV-12	1-1/4"	3.69	93.6	2.11	53.7	4.19	106.5	0.984	25.00	0.955	433.1

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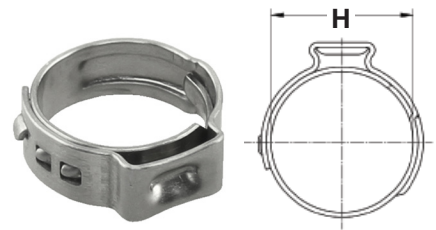


SSPEXBV SERIES - ACCESSORY PARTS:

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

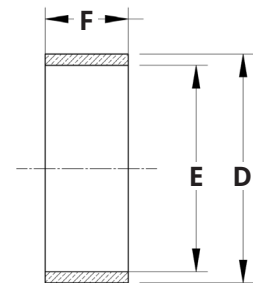


720P-CR SERIES - CRIMP RING

- Made from C12200 or C10200 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
720P-CR12*	1-1/4" Crimp PEX Ring	1.50	38.10	1.39	35.3	0.56	13.97



*Dimensional tolerances as per ASTM F1807

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



Crimp Ring Markings

SSPEXBV SERIES - REPLACEMENT PARTS:

RPSSPEXBV - REPLACEMENT HANDLE KIT (includes handle, internal tooth lock washer & nut)

Part No.	Description	SS Hex 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
RPSSPEXBV-H3V2898	Fits 1-1/4" ball valve	M10 x 1.5



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