

082CP(ND)NL SERIES - NO LEAD FULL PORT BRASS BALL VALVE WITH/WITHOUT DRAIN (COMPRESSION)

APPLICATIONS:

- Potable water, Residential and Commercial Plumbing, Water Well, HVAC
- Valves may be installed in either vertical or horizontal pipe runs

SPECIFICATIONS:

- Full Port requirement compliance as per IAPMO ANSI Z1157-2014e1 standard
- Compression connections conform to SAE J512
- Two piece forged brass body
- Integral drain port to allow system draining
- Blow-out proof stem
- Zinc Plated Steel handle with blue plastic sleeve

CERTIFICATIONS:

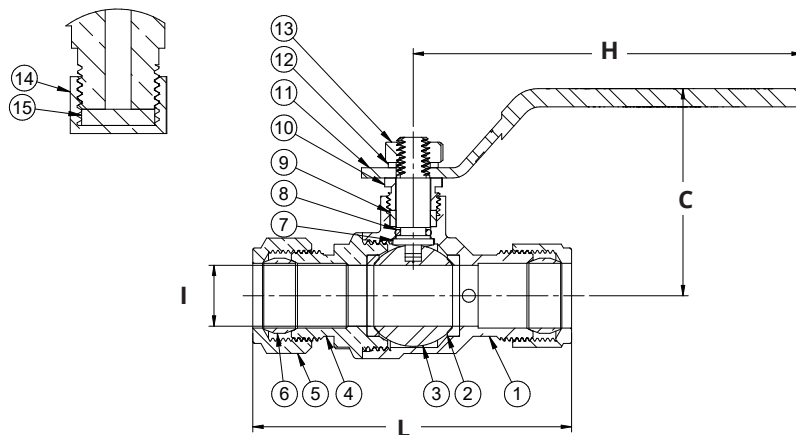
- NSF/ANSI Standard 61 Certified (Drinking Water System Components - Health Effects)
- NSF/ANSI Standard 372 Certified (Drinking Water System Components - Lead Content)
NL Brass - (NL test criteria <0.25% Pb by weighted average)

RATINGS:

- 200 PSI WOG Non-Shock - WOG pressure rating based on ambient temperature
- Max Pressure Rating: 200 PSI
- Max Temperature Rating: 300°F (150°C)



MATERIAL LIST		
	Part Name	Material
1	Body	Forged No Lead Brass (C46500)
2	Seat Seal	PTFE
3	Ball	Chrome plated NL Brass (C46500)
4	Bonnet	Forged No Lead Brass (C46500)
7	Stem	No Lead Brass
8	O-ring	EPDM
9	Gland Packing	PTFE
10	Gland Nut	No Lead Brass
11	Handle + Sleeve	Zinc Plated Steel + PVC
12	Washer	304 Stainless Steel
13	Nut	304 Stainless Steel
5	Compression Nut	No Lead Brass
6	Sleeve	No Lead Brass
14	Drain Cap	No Lead Brass
15	Drain Washer	EPDM



DIMENSIONS											
Part No.	Description	I		H		C		L		Weight	
		inches	mm	inches	mm	inches	mm	inches	mm	lb	grams
082CP-05NL	1/2" CP x CP	0.59	15.00	1.77	45.20	1.97	50.00	3.11	79.00	0.586	266
082CP-07NL	3/4" CP x CP	0.78	20.00	1.93	49.20	2.17	55.00	3.35	85.00	0.869	394
082CP-10NL	1" CP x CP	0.98	25.00	2.33	59.30	2.44	62.00	4.02	102.00	1.301	590
082CPND-05NL	1/2" CP x CP	0.59	15.00	1.77	45.20	1.97	50.00	3.11	79.00	0.556	252
082CPND-07NL	3/4" CP x CP	0.78	20.00	1.93	49.20	2.17	55.00	3.35	85.00	0.838	380
082CPND-10NL	1" CP x CP	0.98	25.00	2.33	59.30	2.44	62.00	4.02	102.00	1.268	575

BOSHART
INDUSTRIES

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

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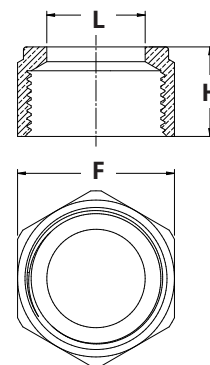
For more information on installation, adjustment, repair & operation, visit Boshart Knowledge Base at SUPPORT.BOSHART.COM



REPLACEMENT PARTS:

REPLACEMENT COMPRESSION NUT:

- No Lead Brass; each nut sold separately.

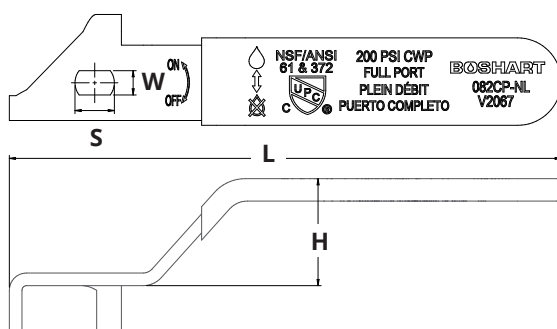


REPLACEMENT COMPRESSION NUT								
Valve Part No.	Size (CP x CP)	Replacement Compression Nut Part No.	L		H		F	
			in	mm	in	mm	in	mm
082CP-05NL	1/2"	08PT-082CPNL-05N	0.627	15.93	0.571	14.50	1	25.40
082CPND-05NL								
082CP-07NL	3/4"	08PT-082CPNL-07N	0.882	22.40	0.551	14.00	1.26	32.00
082CPND-07NL								
082CP-10NL	1"	08PT-082CPNL-10N	1.30	28.70	0.606	15.40	1.496	38.00
082CPND-10NL								

REPLACEMENT HANDLE KIT:

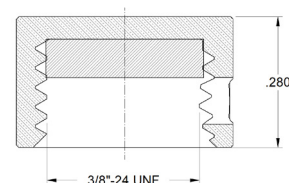
- Each kit, including one handle, one nut, and one washer, is individually packaged in a bag. Sold separately.

REPLACEMENT HANDLES												
Valve Part No.	Size (CP x CP)	Replacement Handle Kit Part No.	L		H		S		W		SS Locknut Thread	SS Split Lock Washer
			in	mm	in	mm	in	mm	in	mm		
082CP-05NL	1/2"	08PT-082CPNL-05S	3.779	95.99	0.866	22.00	0.315	8.00	0.200	5.08	M8 x 1.25	M8
082CPND-05NL												
082CP-07NL	3/4"	08PT-082CPNL-07S	4.055	103.00	0.886	22.50	0.315	8.00	0.200	5.08	M8 x 1.25	M8
082CPND-07NL												
082CP-10NL	1"	08PT-082CPNL-10S	4.528	115.01	0.988	25.10	0.472	11.99	0.276	7.01	M10 x 1.5	M10
082CPND-10NL												



REPLACEMENT DRAIN CAP:

- No Lead Brass drain cap, NBR seal; sold separately.
- 08PT-082NL-CAP



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