



NDL Industries

# Black Steel Nipples

# Product Guide

High-Quality HVAC-R and Hydronic Components for  
Commercial, Industrial, and Residential Applications





# Black Steel Nipples

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# Black Steel Nipples

## High-Performance Black Steel Nipples: Elevating HVAC-R and Plumbing Systems

- Black Steel Nipples are typically used as a component in plumbing and pipe systems. They are essentially short lengths of black steel pipe with thread at both ends, allowing them to be screwed into other fittings or pipes to create a secure connection.
- Often used in gas, oil, and water applications, as they are durable and resistant to corrosion.
- Commonly used in residential and commercial plumbing, heating systems, and in the oil and gas industry.
- Can also be used for structural applications, such as construction of supports, frames, and railing systems.

## Certifications and Approvals

- ASTM A53 – Material
- ASTM A733 – Dimensions
- ANSI B1.20.1 – Pipe Threads, General Purpose, Inch

## Symbols

**M** Male Threads





### Black Close Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-A	1/8" x Close Black Nipple	25	0.012	5.2
BPF113BS-B	1/4" x Close Black Nipple	25	0.021	9.5
BPF113BS-C	3/8" x Close Black Nipple	25	0.033	15.0
BPF113BS-D	1/2" x Close Black Nipple	25	0.049	22.4
BPF113BS-E	3/4" x Close Black Nipple	25	0.092	41.6
BPF113BS-F	1" x Close Black Nipple	25	0.143	64.9
BPF113BS-G	1-1/4" x Close Black Nipple	25	0.214	97.0
BPF113BS-H	1-1/2" x Close Black Nipple	25	0.279	126.7
BPF113BS-I	2" x Close Black Nipple	25	0.458	207.9



### 1/8" Black Steel Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-A15	1/8" x 1-1/2" Black Nipple	25	0.027	12.2
BPF113BS-A2	1/8" x 2" Black Nipple	25	0.038	17.2
BPF113BS-A25	1/8" x 2-1/2" Black Nipple	25	0.048	21.8
BPF113BS-A3	1/8" x 3" Black Nipple	25	0.058	26.3
BPF113BS-A35	1/8" x 3-1/2" Black Nipple	25	0.069	31.3
BPF113BS-A4	1/8" x 4" Black Nipple	25	0.079	35.8
BPF113BS-A45	1/8" x 4-1/2" Black Nipple	25	0.089	40.4
BPF113BS-A5	1/8" x 5" Black Nipple	25	0.1	45.4
BPF113BS-A55	1/8" x 5-1/2" Black Nipple	25	0.11	49.9
BPF113BS-A6	1/8" x 6" Black Nipple	25	0.12	54.4
BPF113BS-A7	1/8" x 7" Black Nipple	25	0.141	64
BPF113BS-A8	1/8" x 8" Black Nipple	25	0.162	73.5
BPF113BS-A10	1/8" x 10" Black Nipple	25	0.203	92.1
BPF113BS-A11	1/8" x 11" Black Nipple	25	0.224	101.6
BPF113BS-A12	1/8" x 12" Black Nipple	25	0.245	111.1





### 1/4" Black Steel Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-B15	1/4" x 1-1/2" Black Nipple	25	0.041	18.6
BPF113BS-B2	1/4" x 2" Black Nipple	25	0.059	26.8
BPF113BS-B25	1/4" x 2-1/2" Black Nipple	25	0.077	34.9
BPF113BS-B3	1/4" x 3" Black Nipple	25	0.094	42.6
BPF113BS-B35	1/4" x 3-1/2" Black Nipple	25	0.112	50.8
BPF113BS-B4	1/4" x 4" Black Nipple	25	0.13	59
BPF113BS-B45	1/4" x 4-1/2" Black Nipple	25	0.146	66.2
BPF113BS-B5	1/4" x 5" Black Nipple	25	0.165	74.8
BPF113BS-B55	1/4" x 5-1/2" Black Nipple	25	0.183	83
BPF113BS-B6	1/4" x 6" Black Nipple	25	0.199	90.3
BPF113BS-B7	1/4" x 7" Black Nipple	25	0.236	107
BPF113BS-B8	1/4" x 8" Black Nipple	25	0.27	122.5
BPF113BS-B9	1/4" x 9" Black Nipple	25	0.306	138.8
BPF113BS-B10	1/4" x 10" Black Nipple	25	0.341	154.7
BPF113BS-B11	1/4" x 11" Black Nipple	25	0.377	171
BPF113BS-B12	1/4" x 12" Black Nipple	25	0.412	186.9



### 3/8" Black Steel Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-C15	3/8" x 1-1/2" Black Nipple	25	0.056	25.4
BPF113BS-C2	3/8" x 2" Black Nipple	25	0.08	36.3
BPF113BS-C25	3/8" x 2-1/2" Black Nipple	25	0.104	47.2
BPF113BS-C3	3/8" x 3" Black Nipple	25	0.126	57.2
BPF113BS-C35	3/8" x 3-1/2" Black Nipple	25	0.15	68
BPF113BS-C4	3/8" x 4" Black Nipple	25	0.174	78.9
BPF113BS-C45	3/8" x 4-1/2" Black Nipple	25	0.196	88.9
BPF113BS-C5	3/8" x 5" Black Nipple	25	0.221	100.2
BPF113BS-C55	3/8" x 5-1/2" Black Nipple	25	0.245	111.1
BPF113BS-C6	3/8" x 6" Black Nipple	25	0.267	121.1
BPF113BS-C7	3/8" x 7" Black Nipple	25	0.315	142.9
BPF113BS-C8	3/8" x 8" Black Nipple	25	0.361	163.7



### 3/8" Black Steel Nipples (M x M) - Continued

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-C9	3/8" x 9" Black Nipple	25	0.409	185.5
BPF113BS-C10	3/8" x 10" Black Nipple	25	0.456	206.8
BPF113BS-C11	3/8" x 11" Black Nipple	25	0.502	227.7
BPF113BS-C12	3/8" x 12" Black Nipple	25	0.55	249.5



### 1/2" Black Steel Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-D15	1/2" x 1-1/2" Black Nipple	25	0.082	37.2
BPF113BS-D2	1/2" x 2" Black Nipple	25	0.111	50.3
BPF113BS-D25	1/2" x 2-1/2" Black Nipple	25	0.148	67.1
BPF113BS-D3	1/2" x 3" Black Nipple	25	0.181	82.1
BPF113BS-D35	1/2" x 3-1/2" Black Nipple	25	0.218	98.9
BPF113BS-D4	1/2" x 4" Black Nipple	25	0.254	115.2
BPF113BS-D45	1/2" x 4-1/2" Black Nipple	25	0.288	130.6
BPF113BS-D5	1/2" x 5" Black Nipple	25	0.324	147
BPF113BS-D55	1/2" x 5-1/2" Black Nipple	25	0.361	163.7
BPF113BS-D6	1/2" x 6" Black Nipple	25	0.394	178.7
BPF113BS-D7	1/2" x 7" Black Nipple	25	0.467	211.8
BPF113BS-D8	1/2" x 8" Black Nipple	25	0.537	243.6
BPF113BS-D9	1/2" x 9" Black Nipple	25	0.61	276.7
BPF113BS-D10	1/2" x 10" Black Nipple	25	0.68	308.4
BPF113BS-D11	1/2" x 11" Black Nipple	25	0.753	341.6
BPF113BS-D12	1/2" x 12" Black Nipple	25	0.823	373.3



### 3/4" Black Steel Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-E15	3/4" x 1-1/2" Black Nipple	25	0.109	49.4
BPF113BS-E2	3/4" x 2" Black Nipple	25	0.148	67.1
BPF113BS-E25	3/4" x 2-1/2" Black Nipple	25	0.196	88.9
BPF113BS-E3	3/4" x 3" Black Nipple	25	0.241	109.3





### 3/4" Black Steel Nipples (M x M) - Continued

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-E35	3/4" x 3-1/2" Black Nipple	25	0.289	131.1
BPF113BS-E4	3/4" x 4" Black Nipple	25	0.338	153.3
BPF113BS-E45	3/4" x 4-1/2" Black Nipple	25	0.382	173.3
BPF113BS-E5	3/4" x 5" Black Nipple	25	0.431	195.5
BPF113BS-E55	3/4" x 5-1/2" Black Nipple	25	0.479	217.3
BPF113BS-E6	3/4" x 6" Black Nipple	25	0.524	237.7
BPF113BS-E7	3/4" x 7" Black Nipple	25	0.621	281.7
BPF113BS-E8	3/4" x 8" Black Nipple	25	0.714	323.9
BPF113BS-E9	3/4" x 9" Black Nipple	25	0.811	367.9
BPF113BS-E10	3/4" x 10" Black Nipple	25	0.904	410
BPF113BS-E12	3/4" x 12" Black Nipple	25	1.094	496.2



### 1" Black Steel Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-F2	1" x 2" Black Nipple	25	0.218	98.9
BPF113BS-F25	1" x 2-1/2" Black Nipple	25	0.271	122.9
BPF113BS-F3	1" x 3" Black Nipple	25	0.341	154.7
BPF113BS-F35	1" x 3-1/2" Black Nipple	25	0.411	186.4
BPF113BS-F4	1" x 4" Black Nipple	25	0.481	218.2
BPF113BS-F45	1" x 4-1/2" Black Nipple	25	0.551	249.9
BPF113BS-F5	1" x 5" Black Nipple	25	0.621	281.7
BPF113BS-F55	1" x 5-1/2" Black Nipple	25	0.691	313.4
BPF113BS-F6	1" x 6" Black Nipple	25	0.761	345.2
BPF113BS-F7	1" x 7" Black Nipple	25	0.901	408.7
BPF113BS-F8	1" x 8" Black Nipple	25	1.041	472.2
BPF113BS-F9	1" x 9" Black Nipple	25	1.181	535.7
BPF113BS-F10	1" x 10" Black Nipple	20	1.321	599.2
BPF113BS-F11	1" x 11" Black Nipple	20	1.461	662.7
BPF113BS-F12	1" x 12" Black Nipple	20	1.601	726.2





### 1-1/4" Black Steel Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-G2	1-1/4" x 2" Black Nipple	25	0.296	134.3
BPF113BS-G25	1-1/4" x 2-1/2" Black Nipple	25	0.369	167.4
BPF113BS-G3	1-1/4" x 3" Black Nipple	25	0.463	210
BPF113BS-G35	1-1/4" x 3-1/2" Black Nipple	25	0.558	253.1
BPF113BS-G4	1-1/4" x 4" Black Nipple	25	0.653	296.2
BPF113BS-G45	1-1/4" x 4-1/2" Black Nipple	25	0.748	339.3
BPF113BS-G5	1-1/4" x 5" Black Nipple	25	0.843	382.4
BPF113BS-G55	1-1/4" x 5-1/2" Black Nipple	25	0.938	425.5
BPF113BS-G6	1-1/4" x 6" Black Nipple	25	1.033	468.6
BPF113BS-G7	1-1/4" x 7" Black Nipple	15	1.223	554.7
BPF113BS-G8	1-1/4" x 8" Black Nipple	15	1.413	640.9
BPF113BS-G9	1-1/4" x 9" Black Nipple	15	1.602	726.7
BPF113BS-G10	1-1/4" x 10" Black Nipple	30	1.792	812.8
BPF113BS-G12	1-1/4" x 12" Black Nipple	30	2.172	985.2



### 1-1/2" Black Steel Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-H2	1-1/2" x 2" Black Nipple	25	0.356	161.5
BPF113BS-H25	1-1/2" x 2-1/2" Black Nipple	25	0.446	202.3
BPF113BS-H3	1-1/2" x 3" Black Nipple	25	0.554	251.3
BPF113BS-H35	1-1/2" x 3-1/2" Black Nipple	25	0.67	303.9
BPF113BS-H4	1-1/2" x 4" Black Nipple	25	0.786	356.5
BPF113BS-H45	1-1/2" x 4-1/2" Black Nipple	25	0.893	405.1
BPF113BS-H5	1-1/2" x 5" Black Nipple	20	1.009	457.7
BPF113BS-H55	1-1/2" x 5-1/2" Black Nipple	20	1.125	510.3
BPF113BS-H6	1-1/2" x 6" Black Nipple	20	1.232	558.8
BPF113BS-H8	1-1/2" x 8" Black Nipple	25	1.688	765.7
BPF113BS-H10	1-1/2" x 10" Black Nipple	15	2.143	972
BPF113BS-H12	1-1/2" x 12" Black Nipple	15	2.598	1178.4





### 2" Black Steel Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-I25	2" x 2-1/2" Black Nipple	25	0.609	276.2
BPF113BS-I3	2" x 3" Black Nipple	50	0.753	341.6
BPF113BS-I35	2" x 3-1/2" Black Nipple	25	0.909	412.3
BPF113BS-I4	2" x 4" Black Nipple	25	1.065	483.1
BPF113BS-I45	2" x 4-1/2" Black Nipple	25	1.209	548.4
BPF113BS-I5	2" x 5" Black Nipple	25	1.209	548.4
BPF113BS-I55	2" x 5-1/2" Black Nipple	25	1.365	619.2
BPF113BS-I6	2" x 6" Black Nipple	25	1.665	755.2
BPF113BS-I8	2" x 8" Black Nipple	18	2.276	1032.4
BPF113BS-I9	2" x 9" Black Nipple	18	2.276	1032.4
BPF113BS-I10	2" x 10" Black Nipple	14	2.888	1310
BPF113BS-I12	2" x 12" Black Nipple	14	3.5	1587.6



### 2-1/2" Black Steel Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-J3	2-1/2" x 3" Black Nipple	36	1.107	502.1
BPF113BS-J35	2-1/2" x 3-1/2" Black Nipple	27	1.278	579.7

### 3" Black Steel Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-K3	3" x 3" Black Nipple	24	1.444	655
BPF113BS-K4	3" x 4" Black Nipple	18	1.996	905.4
BPF113BS-K5	3" x 5" Black Nipple	12	2.618	1187.5
BPF113BS-K10	3" x 10" Black Nipple	6	5.779	2621.3



### Over 12" Black Steel Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-D18	1/2" x 18" Black Nipple	5	1.248	566.1
BPF113BS-E18	3/4" x 18" Black Nipple	5	1.66	753



### Over 12" Black Steel Nipples (M x M) - Continued

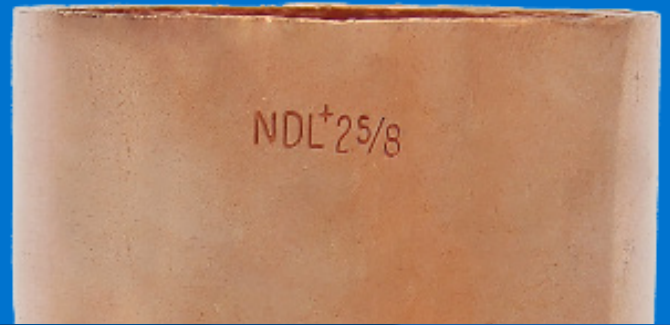
PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-D24	1/2" x 24" Black Nipple	5	1.677	760.7
BPF113BS-D30	1/2" x 30" Black Nipple	5	2.102	953.5
BPF113BS-E24	3/4" x 24" Black Nipple	5	2.23	1011.5
BPF113BS-F18	1" x 18" Black Nipple	3	2.441	1107.2
BPF113BS-D36	1/2" x 36" Black Nipple	5	2.528	1146.7
BPF113BS-E30	3/4" x 30" Black Nipple	5	2.797	1268.7
BPF113BS-G18	1-1/4" x 18" Black Nipple	3	3.311	1501.8
BPF113BS-E36	3/4" x 36" Black Nipple	5	3.363	1525.4
BPF113BS-H18	1-1/2" x 18" Black Nipple	3	3.956	1794.4
BPF113BS-F30	1" x 30" Black Nipple	3	4.121	1869.3
BPF113BS-E48	3/4" x 48" Black Nipple	5	4.499	2040.7
BPF113BS-F36	1" x 36" Black Nipple	3	4.961	2250.3
BPF113BS-D72	1/2" x 72" Black Nipple	5	5.09	2308.8
BPF113BS-H24	1-1/2" x 24" Black Nipple	3	5.322	2414
BPF113BS-I18	2" x 18" Black Nipple	3	5.323	2414.5
BPF113BS-E60	3/4" x 60" Black Nipple	5	5.636	2556.4
BPF113BS-F48	1" x 48" Black Nipple	3	6.641	3012.3
BPF113BS-I24	2" x 24" Black Nipple	3	7.158	3246.8
BPF113BS-F60	1" x 60" Black Nipple	3	8.321	3774.3





## QUALITY STAMP

Only after our products pass strict and rigorous quality tests will the NDL name be stamped on them. The NDL Quality Stamp is our seal of approval that our products can be trusted in the field.



## We Focus on Quality and Service So You Can Install with Confidence.

Since 1998, our mission has been to stay ahead of the curve as an industry leader in the HVAC, Refrigeration, and Hydronic markets. We have achieved this over the years by heavily emphasizing quality, innovation, and maintaining a global team of experienced professionals to deliver top-notch service. We continue to hold ourselves to the highest standards, never sacrificing the quality of our products or the commitment to our customers that has made us the company we are today.

*What you can expect from us:*

- Fast order turnaround
- Real-time order communications
- Field-experienced sales and technical support
- Parts packaged in contractor-friendly sized bags
- High-quality control standards for superior fit and finish



## Global Team with Fast Order Turnaround

With distribution centers strategically located worldwide, we ensure fast order fulfillment while maintaining the exceptional customer service that has earned us our trusted reputation.

*Locations:*

- Southaven, Mississippi (United States)
- Vancouver, British Columbia (Canada)
- Milton Keynes, Buckinghamshire (Europe)



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