

# Black and Galvanized Steel Nipples

**PRODUCT SPECIFICATIONS**

Welded steel pipe nipples both galvanized and black in diameters ranging from 1/8" up to 4" in lengths from close to 12" and cut-pipe up to 120".

**TECHNICAL SPECIFICATIONS**

**Standards:** Product complies with ASTM A-53, A0733 and ANSI B1.20.1 for threading, dimensions and pipe specifications.

**Pipe:** Complies with ASTM A-53 mill tested schedule 40 and 80. Meets ANSI B36.1. All pipe is hydrostatic tested.

**Galvanized:** Zinc coating applied by hot dipped. Galvanized complying with ASTM A-123.

**Black:** Protected against oxidation with varnish coating.

**Cutting Procedure:**

All pipe is roller cut. A visual inspection of seams, excessive galvanizing, mid-welds, poor galvanizing, bends, out of roundness, under and over weight of the pipe is made at the time it is cut. This is done for every length of pipe. Pipe lengths are cut to a tolerance of + or - 1/16" of the actual length.

**Threading Procedure:**

All pipe is chaser thread cut to American Standard Tapered Pipe Thread standards. This is 3/4" taper per foot. Pipe is visually inspected for roundness of threads and other visual faults as it is removed from the threading machine.

**Steel and Wrought Iron Welded**

Normal Size	Outside Diameter	Schedule 40 Standard			Schedule 80 Extra Heavy		
		Wall Thickness	Inside Diameter	Weight per Foot P.E.	Wall Thickness	Inside Diameter	Weight per Foot P.E.
1/8"	.405	.068	.269	.24	.095	.215	.31
1/4"	.540	.088	.364	.42	.119	.302	.54
3/8"	.675	.091	.493	.57	.126	.423	.74
1/2"	.840	.109	.622	.85	.147	.546	1.09
3/4"	1.050	.113	.824	1.13	.154	.742	1.47
1"	1.315	.133	1.049	1.68	.179	.957	2.17
1-1/4"	1.660	.140	1.380	2.27	.191	1.278	3.00
1-1/2"	1.900	.145	1.610	2.72	.200	1.500	3.63
2"	2.375	.154	2.067	3.65	.218	1.939	5.02
2-1/2"	2.875	.203	2.469	5.79	.276	2.323	7.66
3"	3.500	.216	3.068	7.58	.300	2.900	10.25
3-1/2"	4.000	.226	3.548	9.11	.318	3.364	12.51
4"	4.500	.237	4.026	10.79	.337	3.826	14.98
5"	5.563	.258	5.047	14.62	.375	4.813	20.78
6"	6.25	.280	6.065	18.97	.432	5.761	28.57

**Chemical Composition**

Maximum%  
C 0.25  
Mn 0.95

**Tensile Requirements**

	Kg/Mm2	PSI	MPA
<b>Tensile Strength Min.</b>	33.7	48000	331
<b>Tensile Strength Min.</b>	20.0	28500	196

**Pounds per 100 pcs. approximate**

Diameter	Length Close/RC	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"
1/8"	1.3	2.4	3.5	4.4	5.4	6.8	7.4	8.5	9.5	11.2	11.4	13.4	15.4	17.4	19.1	20.8	23.1
1/4"	2.4	4.3	6.1	8.3	9.0	11.8	13.5	16.1	16.8	19.1	19.9	24.7	28.7	32.0	35.1	38.1	41.4
3/8"	3.6	6.0	7.8	9.9	13.4	15.4	17.8	20.3	22.7	24.9	28.4	32.6	36.6	40.8	44.8	48.7	52.9
1/2"	6.1	8.7	12.7	15.9	19.3	24.2	26.0	31.6	34.5	39.2	43.1	50.0	58.0	66.1	74.5	82.3	89.0
3/4"	11.0	12.2	21.8	23.1	26.1	31.6	37.0	41.6	47.1	52.6	55.9	65.4	79.1	79.6	94.9	111.9	116.9
1"	15.3		22.0	28.4	37.0	44.2	52.1	59.4	66.6	76.5	79.7	94.8	111.6	124.5	136.3	153.6	175.0
1-1/4"	22.7		32.0	41.9	51.3	61.9	68.1	81.9	90.7	98.2	115.1	133.4	149.3	174.8	199.2	219.3	236.6
1-1/2"	29.9		37.9	46.8	80.6	72.6	85.8	99.1	112.7	120.3	134.5	162.1	184.9	208.5	219.4	247.5	277.8
2"	51.8			63.1	82.1	97.1	110.0	128.4	142.0	165.0	166.9	208.5	246.7	276.9	303.2	334.4	369.2
2-1/2"	82.6				109.0	133.5	156.2	172.9	209.9	232.8	253.4	318.9	337.3	408.1	457.6	514.3	554.4
3"	116.5				147.2	181.6	210.4	247.7	274.1	213.6	338.0	389.2	469.4	555.1	599.2	649.4	747.1
4"	172.7						265.3	326.2	344.4	405.7	451.7	547.3	632.2	721.8	832.7	927.1	1057.0
6"																	



**1/8" DIAMETER**



GALVANIZED		BLACK
Part #	Length	Part #
02-X-CLOSEGN	x Close (3/4")	02-X-CLOSESN
02-X-1.5GN	x 1-1/2"	02-X-1.5SN
02-X-2GN	x 2"	02-X-2SN
02-X-2.5GN	x 2-1/2"	02-X-2.5SN
02-X-3GN	x 3"	02-X-3SN
02-X-3.5GN	x 3-1/2"	02-X-3.5SN
02-X-4GN	x 4"	02-X-4SN
02-X-4.5GN	x 4-1/2"	02-X-4.5SN
02-X-5GN	x 5"	02-X-5SN
02-X-5.5GN	x 5-1/2"	02-X-5.5SN
02-X-6GN	x 6"	02-X-6SN
02-X-7GN	x 7"	02-X-7SN
02-X-8GN	x 8"	02-X-8SN
02-X-9GN	x 9"	02-X-9SN
02-X-10GN	x 10"	02-X-10SN
02-X-11GN	x 11"	02-X-11SN
02-X-12GN	x 12"	02-X-12SN

**1/4" DIAMETER**



GALVANIZED		BLACK
Part #	Length	Part #
04-X-CLOSEGN	x Close (7/8")	04-X-CLOSESN
04-X-1.5GN	x 1-1/2"	04-X-1.5SN
04-X-2GN	x 2"	04-X-2SN
04-X-2.5GN	x 2-1/2"	04-X-2.5SN
04-X-3GN	x 3"	04-X-3SN
04-X-3.5GN	x 3-1/2"	04-X-3.5SN
04-X-4GN	x 4"	04-X-4SN
04-X-4.5GN	x 4-1/2"	04-X-4.5SN
04-X-5GN	x 5"	04-X-5SN
04-X-5.5GN	x 5-1/2"	04-X-5.5SN
04-X-6GN	x 6"	04-X-6SN
04-X-7GN	x 7"	04-X-7SN
04-X-8GN	x 8"	04-X-8SN
04-X-9GN	x 9"	04-X-9SN
04-X-10GN	x 10"	04-X-10SN
04-X-11GN	x 11"	04-X-11SN
04-X-12GN	x 12"	04-X-12SN
04-X-18GN	x 18"	04-X-18SN
04-X-24GN	x 24"	04-X-24SN

**3/8" DIAMETER**



GALVANIZED		BLACK
Part #	Length	Part #
06-X-CLOSEGN	x Close (1")	06-X-CLOSESN
06-X-1.5GN	x 1-1/2"	06-X-1.5SN
06-X-2GN	x 2"	06-X-2SN
06-X-2.5GN	x 2-1/2"	06-X-2.5SN
06-X-3GN	x 3"	06-X-3SN
06-X-3.5GN	x 3-1/2"	06-X-3.5SN
06-X-4GN	x 4"	06-X-4SN
06-X-4.5GN	x 4-1/2"	06-X-4.5SN
06-X-5GN	x 5"	06-X-5SN
06-X-5.5GN	x 5-1/2"	06-X-5.5SN
06-X-6GN	x 6"	06-X-6SN
06-X-7GN	x 7"	06-X-7SN
06-X-8GN	x 8"	06-X-8SN
06-X-9GN	x 9"	06-X-9SN
06-X-10GN	x 10"	06-X-10SN
06-X-11GN	x 11"	06-X-11SN
06-X-12GN	x 12"	06-X-12SN
06-X-16GN	x 16"	06-X-16SN
06-X-18GN	x 18"	06-X-18SN
06-X-24GN	x 24"	06-X-24SN

**1/2" DIAMETER**



GALVANIZED		BLACK
Part #	Length	Part #
08-X-CLOSEGN	x Close (1-1/8)	08-X-CLOSESN
08-X-1.5GN	x 1-1/2"	08-X-1.5SN
08-X-2GN	x 2"	08-X-2SN
08-X-2.5GN	x 2-1/2"	08-X-2.5SN
08-X-3GN	x 3"	08-X-3SN
08-X-3.5GN	x 3-1/2"	08-X-3.5SN
08-X-4GN	x 4"	08-X-4SN
08-X-4.5GN	x 4-1/2"	08-X-4.5SN
08-X-5GN	x 5"	08-X-5SN
08-X-5.5GN	x 5-1/2"	08-X-5.5SN
08-X-6GN	x 6"	08-X-6SN
08-X-7GN	x 7"	08-X-7SN
08-X-8GN	x 8"	08-X-8SN
08-X-9GN	x 9"	08-X-9SN
08-X-10GN	x 10"	08-X-10SN
08-X-11GN	x 11"	08-X-11SN
08-X-12GN	x 12"	08-X-12SN
08-X-18GN	x 18"	08-X-18SN
08-X-24GN	x 24"	08-X-4SN

**1" DIAMETER**



GALVANIZED		BLACK
Part #	Length	Part #
16-X-CLOSEGN	x Close (1-1/2)	16-X-CLOSESN
16-X-2GN	x 2"	16-X-2SN
16-X-2.5GN	x 2-1/2"	16-X-2.5SN
16-X-3GN	x 3"	16-X-3SN
16-X-3.5GN	x 3-1/2"	16-X-3.5SN
16-X-4GN	x 4"	16-X-4SN
16-X-4.5GN	x 4-1/2"	16-X-4.5SN
16-X-5GN	x 5"	16-X-5SN
16-X-5.5GN	x 5-1/2"	16-X-5.5SN
16-X-6GN	x 6"	16-X-6SN
16-X-7GN	x 7"	16-X-7SN
16-X-8GN	x 8"	16-X-8SN
16-X-9GN	x 9"	16-X-9SN
16-X-10GN	x 10"	16-X-10SN
16-X-11GN	x 11"	16-X-11SN
16-X-12GN	x 12"	16-X-12SN
16-X-18GN	x 18"	16-X-18SN
16-X-24GN	x 24"	16-X-24SN

**3/4" DIAMETER**



GALVANIZED		BLACK
Part #	Length	Part #
12-X-CLOSEGN	x Close (1-3/8)	12-X-CLOSESN
12-X-1.5GN	x 1-1/2"	12-X-1.5SN
12-X-2GN	x 2"	12-X-2SN
12-X-2.5GN	x 2-1/2"	12-X-2.5SN
12-X-3GN	x 3"	12-X-3SN
12-X-3.5GN	x 3-1/2"	12-X-3.5SN
12-X-4GN	x 4"	12-X-4SN
12-X-4.5GN	x 4-1/2"	12-X-4.5SN
12-X-5GN	x 5"	12-X-5SN
12-X-5.5GN	x 5-1/2"	12-X-5.5SN
12-X-6GN	x 6"	12-X-6SN
12-X-7GN	x 7"	12-X-7SN
12-X-8GN	x 8"	12-X-8SN
12-X-9GN	x 9"	12-X-9SN
12-X-10GN	x 10"	12-X-10SN
12-X-11GN	x 11"	12-X-11SN
12-X-12GN	x 12"	12-X-12SN
12-X-18GN	x 18"	12-X-18SN
12-X-24GN	x 24"	12-X-24SN

**1-1/4" DIAMETER**



GALVANIZED		BLACK
Part #	Length	Part #
20-X-CLOSEGN	x Close (1-5/8)	20-X-CLOSESN
20-X-2GN	x 2"	20-X-2SN
20-X-2.5GN	x 2-1/2"	20-X-2.5SN
20-X-3GN	x 3"	20-X-3SN
20-X-3.5GN	x 3-1/2"	20-X-3.5SN
20-X-4GN	x 4"	20-X-4SN
20-X-4.5GN	x 4-1/2"	20-X-4.5SN
20-X-5GN	x 5"	20-X-5SN
20-X-5.5GN	x 5-1/2"	20-X-5.5SN
20-X-6GN	x 6"	20-X-6SN
20-X-7GN	x 7"	20-X-7SN
20-X-8GN	x 8"	20-X-8SN
20-X-9GN	x 9"	20-X-9SN
20-X-10GN	x 10"	20-X-10SN
20-X-11GN	x 11"	20-X-11SN
20-X-12GN	x 12"	20-X-12SN
20-X-18GN	x 18"	20-X-18SN
20-X-24GN	x 24"	20-X-24SN



**1-1/2" DIAMETER**



<b>GALVANIZED</b>		<b>BLACK</b>
<b>Part #</b>	<b>Length</b>	<b>Part #</b>
24-X-CLOSEGN .....	x Close (1-3/4) .....	24-X-CLOSESN
24-X-2GN .....	x 2" .....	24-X-2SN
24-X-2.5GN .....	x 2-1/2" .....	24-X-2.5SN
24-X-3GN .....	x 3" .....	24-X-3SN
24-X-3.5GN .....	x 3-1/2" .....	24-X-3.5SN
24-X-4GN .....	x 4" .....	24-X-4SN
24-X-4.5GN .....	x 4-1/2" .....	24-X-4.5SN
24-X-5GN .....	x 5" .....	24-X-5SN
24-X-5.5GN .....	x 5-1/2" .....	24-X-5.5SN
24-X-6GN .....	x 6" .....	24-X-6SN
24-X-7GN .....	x 7" .....	24-X-7SN
24-X-8GN .....	x 8" .....	24-X-8SN
24-X-9GN .....	x 9" .....	24-X-9SN
24-X-10GN .....	x 10" .....	24-X-10SN
24-X-11GN .....	x 11" .....	24-X-11SN
24-X-12GN .....	x 12" .....	24-X-12SN
24-X-18GN .....	x 18" .....	24-X-18SN
24-X-24GN .....	x 24" .....	24-X-24SN

**2" DIAMETER**



<b>GALVANIZED</b>		<b>BLACK</b>
<b>Part #</b>	<b>Length</b>	<b>Part #</b>
32-X-CLOSEGN .....	x Close (2) .....	32-X-CLOSESN
32-X-2GN .....	x 2" .....	32-X-2SN
32-X-2.5GN .....	x 2-1/2" .....	32-X-2.5SN
32-X-3GN .....	x 3" .....	32-X-3SN
32-X-3.5GN .....	x 3-1/2" .....	32-X-3.5SN
32-X-4GN .....	x 4" .....	32-X-4SN
32-X-4.5GN .....	x 4-1/2" .....	32-X-4.5SN
32-X-5GN .....	x 5" .....	32-X-5SN
32-X-5.5GN .....	x 5-1/2" .....	32-X-5.5SN
32-X-6GN .....	x 6" .....	32-X-6SN
32-X-7GN .....	x 7" .....	32-X-7SN
32-X-8GN .....	x 8" .....	32-X-8SN
32-X-9GN .....	x 9" .....	32-X-9SN
32-X-10GN .....	x 10" .....	32-X-10SN
32-X-11GN .....	x 11" .....	32-X-11SN
32-X-12GN .....	x 12" .....	32-X-12SN
32-X-18GN .....	x 18" .....	32-X-18SN
32-X-24GN .....	x 24" .....	32-X-24SN

**Nipples & Fittings**

**2-1/2" DIAMETER**



**4" DIAMETER**



<b>GALVANIZED</b>		<b>BLACK</b>
<b>Part #</b>	<b>Length</b>	<b>Part #</b>
40-X-CLOSEGN .....	x Close (2-1/2) .....	40-X-CLOSESN
40-X-3GN .....	x 3" .....	40-X-3SN
40-X-3.5GN .....	x 3-1/2" .....	40-X-3.5SN
40-X-4GN .....	x 4" .....	40-X-4SN
40-X-4.5GN .....	x 4-1/2" .....	40-X-4.5SN
40-X-5GN .....	x 5" .....	40-X-5SN
40-X-5.5GN .....	x 5-1/2" .....	40-X-5.5SN
40-X-6GN .....	x 6" .....	40-X-6SN
40-X-7GN .....	x 7" .....	40-X-7SN
40-X-8GN .....	x 8" .....	40-X-8SN
40-X-9GN .....	x 9" .....	40-X-9SN
40-X-10GN .....	x 10" .....	40-X-10SN
40-X-11GN .....	x 11" .....	40-X-11SN
40-X-12GN .....	x 12" .....	40-X-12SN

<b>GALVANIZED</b>		<b>BLACK</b>
<b>Part #</b>	<b>Length</b>	<b>Part #</b>
64-X-CLOSEGN .....	x Close (2-78) .....	64-X-CLOSESN
64-X-4GN .....	x 4" .....	64-X-4SN
64-X-4.5GN .....	x 4-1/2" .....	64-X-4.5SN
64-X-5GN .....	x 5" .....	64-X-5SN
64-X-5.5GN .....	x 5-1/2" .....	64-X-5.5SN
64-X-6GN .....	x 6" .....	64-X-6SN
64-X-7GN .....	x 7" .....	64-X-7SN
64-X-8GN .....	x 8" .....	64-X-8SN
64-X-9GN .....	x 9" .....	64-X-9SN
64-X-10GN .....	x 10" .....	64-X-10SN
64-X-11GN .....	x 11" .....	64-X-11SN
64-X-12GN .....	x 12" .....	64-X-12SN

**3" DIAMETER**



<b>GALVANIZED</b>		<b>BLACK</b>
<b>Part #</b>	<b>Length</b>	<b>Part #</b>
48-X-CLOSEGN .....	x Close (2-5/8) .....	48-X-CLOSESN
48-X-3GN .....	x 3" .....	48-X-3SN
48-X-3.5GN .....	x 3-1/2" .....	48-X-3.5SN
48-X-4GN .....	x 4" .....	48-X-4SN
48-X-4.5GN .....	x 4-1/2" .....	48-X-4.5SN
48-X-5GN .....	x 5" .....	48-X-5SN
48-X-5.5GN .....	x 5-1/2" .....	48-X-5.5SN
48-X-6GN .....	x 6" .....	48-X-6SN
48-X-7GN .....	x 7" .....	48-X-7SN
48-X-8GN .....	x 8" .....	48-X-8SN
48-X-9GN .....	x 9" .....	48-X-9SN
48-X-10GN .....	x 10" .....	48-X-10SN
48-X-11GN .....	x 11" .....	48-X-11SN
48-X-12GN .....	x 12" .....	48-X-12SN

**Nipples & Fittings**

