

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, A-733 and ANSI B1.20.1 for threading, dimensions and pipe specifications.

Pipe: Complies with ASTM A-53 mill tested schedule 40 and 80 for both Welded & Seamless 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, 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.

NIPPLES & FITTINGS

Steel and Wrought Iron Welded

Nominal 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"	6.625	.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
Tensile Strength Min.	33.7	48000	331
Tensile Strength Min.	20.0	28500	196

Pounds per 100 pcs. approximate

Diam	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	514.2	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"																	

Available Upon Request

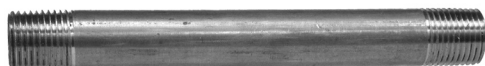


1/8" DIAMETER



Part # Galv	List Price	Length	Part # Black	List Price
56-001	1.41	X Close (3/4")	57-001	1.00
56-002	1.46	x 1-1/2"	57-002	1.13
56-003	1.64	x 2"	57-003	1.21
56-004	1.77	x 2-1/2"	57-004	1.34
56-005	2.01	x 3"	57-005	1.49
56-006	2.15	x 3-1/2"	57-006	1.64
56-007	2.37	x 4"	57-007	1.90
56-008	3.05	x 4-1/2"	57-008	2.46
56-009	4.01	x 5"	57-009	2.83
56-010	4.31	x 5-1/2"	57-010	3.10
56-011	4.50	x 6"	57-011	3.45
56-012	5.63	x 7"	57-012	4.09
56-013	5.93	x 8"	57-013	4.31
56-014	6.23	x 9"	57-014	4.49
56-015	6.76	x 10"	57-015	4.77
56-016	7.64	x 11"	57-016	5.01
56-017	7.57	x 12"	57-017	5.04

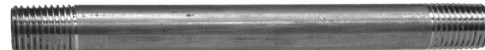
1/4" Diameter



Part # Galv	List Price	Length	Part # Black	List Price
56-020	1.47	X Close (7/8")	57-020	1.20
56-021	1.57	x 1-1/2"	57-021	1.28
56-022	1.83	x 2"	57-022	1.43
56-023	2.11	x 2-1/2"	57-023	1.61
56-024	2.40	x 3"	57-024	1.77
56-025	2.57	x 3-1/2"	57-025	1.96
56-026	2.69	x 4"	57-026	2.17
56-027	3.22	x 4-1/2"	57-027	2.62
56-028	3.80	x 5"	57-028	3.10
56-029	4.41	x 5-1/2"	57-029	3.43
56-030	4.60	x 6"	57-030	3.82
56-031	5.54	x 7"	57-031	4.48
56-032	5.65	x 8"	57-032	4.56
56-033	5.93	x 9"	57-033	4.96
56-034	6.69	x 10"	57-034	5.38
56-035	8.52	x 11"	57-035	5.62
56-036	8.68	x 12"	57-036	5.96
56-038	22.49	x 18"		
56-037	26.94	x 24"		

More sizes available

3/8" DIAMETER



Part # Galv	List Price	Length	Part # Black	List Price
56-040	1.72	X Close (1")	57-040	1.32
56-041	1.99	x 1-1/2"	57-041	1.41
56-042	2.05	x 2"	57-042	1.75
56-043	2.30	x 2-1/2"	57-043	1.72
56-044	2.58	x 3"	57-044	2.04
56-045	3.33	x 3-1/2"	57-045	2.17
56-046	3.33	x 4"	57-046	2.41
56-047	3.51	x 4-1/2"	57-047	2.62
56-048	4.55	x 5"	57-048	3.51
56-049	4.92	x 5-1/2"	57-049	3.72
56-050	5.17	x 6"	57-050	3.94
56-051	5.48	x 7"	57-051	4.72
56-052	5.72	x 8"	57-052	5.17
56-053	6.92	x 9"	57-053	5.51
56-054	7.11	x 10"	57-054	5.84
56-055	7.25	x 11"	57-055	6.18
56-056	7.59	x 12"	57-056	6.35
56-430	18.53	x 18"	57-430	23.56
56-431	18.53	x 24"	57-431	17.30
56-432	20.71	x 30"	57-432	16.36
56-433	22.65	x 36"	57-433	22.36
56-234	44.73	x 42"	57-234	28.73
56-235	45.78	x 48"	57-235	31.55
56-236	49.04	x 60"	57-236	39.56
56-237	58.68	x 72"	57-237	49.93

Black Steel Nipples available in Schedule 40 Seamless beginning on page 209.

Black Steel Nipples available in Schedule 80 beginning on page 222.

Do you realize if it weren't for Edison we'd be watching TV by candlelight?

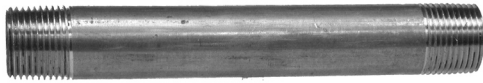
- Al Boliska



STEEL NIPPLES

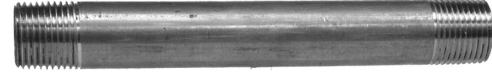
BLACK AND GALVANIZED SCHEDULE 40

1/2" DIAMETER



Part # Galv	List Price	Length	Part # Black	List Price
56-060	1.04	X Close (1-1/8")	57-060	0.93
56-061	1.18	x 1-1/2"	57-061	1.00
56-062	1.29	x 2"	57-062	1.06
56-063	1.36	x 2-1/2"	57-063	1.12
56-064	1.47	x 3"	57-064	1.27
56-065	1.64	x 3-1/2"	57-065	1.39
56-066	1.80	x 4"	57-066	1.57
56-067	2.01	x 4-1/2"	57-067	1.70
56-068	2.18	x 5"	57-068	1.86
56-069	2.31	x 5-1/2"	57-069	2.09
56-070	2.46	x 6"	57-070	2.23
56-071	3.94	x 7"	57-071	3.39
56-072	4.30	x 8"	57-072	3.65
56-073	5.01	x 9"	57-073	4.11
56-074	5.12	x 10"	57-074	4.38
56-075	5.53	x 11"	57-075	4.89
56-076	5.83	x 12"	57-076	7.13
56-240	10.01	x 18"	57-240	11.66
56-241	15.70	x 24"	57-241	14.26
56-242	16.92	x 30"	57-242	17.55
56-243	21.96	x 36"	57-243	18.96
56-244	48.39	x 42"	57-244	40.29
56-245	25.26	x 48"	57-245	22.85
56-246	32.18	x 60"	57-246	26.54
56-247	36.96	x 72"	57-247	33.81

3/4" DIAMETER



Part # Galv	List Price	Length	Part # Black	List Price
56-080 ³	1.39	X Close (1-3/8")	57-080	1.27
56-081	1.47	x 1-1/2"	57-081	1.33
56-082	1.57	x 2"	57-082	1.40
56-083	1.71	x 2-1/2"	57-083	1.55
56-084	1.88	x 3"	57-084	1.70
56-085	2.07	x 3-1/2"	57-085	1.89
56-086	2.27	x 4"	57-086	2.06
56-087	2.48	x 4-1/2"	57-087	2.26
56-088	2.88	x 5"	57-088	2.50
56-089	3.27	x 5-1/2"	57-089	2.70
56-090	3.19	x 6"	57-090	2.90
56-091	5.40	x 7"	57-091	4.14
56-092	5.59	x 8"	57-092	4.59
56-093	6.10	x 9"	57-093	5.52
56-094	6.13	x 10"	57-094	5.78
56-095	7.12	x 11"	57-095	5.92
56-096	6.86	x 12"	57-096	6.13
56-250	11.19	x 18"	57-250	9.90
56-251	14.37	x 24"	57-251	11.72
56-252	17.16	x 30"	57-252	15.34
56-253	20.20	x 36"	57-253	17.75
56-254	51.93	x 42"	57-254	44.90
56-255	27.99	x 48"	57-255	22.55
56-256	34.29	x 60"	57-256	28.99
56-257	40.77	x 72"	57-257	33.24

NIPPLES & FITTINGS

Black Steel Nipples available in Schedule 40 Seamless beginning on page 209.

Black Steel Nipples available in Schedule 80 beginning on page 222.

Imagination is more important than knowledge. For knowledge is limited to all we now know and understand, while imagination embraces the entire world, and all there ever will be to know and understand.

- Albert Einstein

³ Also stocked in Houston
(See page Intro II for details)

1" DIAMETER



Part # Galv	List Price	Length	Part # Black	List Price
56-100	2.04	X Close (1-1/2")	57-100	1.85
56-101	2.15	x 2"	57-101	2.06
56-102	2.34	x 2-1/2"	57-102	2.06
56-103	2.58	x 3"	57-103	2.30
56-104	3.10	x 3-1/2"	57-104	2.54
56-105	3.54	x 4"	57-105	2.81
56-106	3.53	x 4-1/2"	57-106	3.02
56-107	3.70	x 5"	57-107	3.26
56-108	4.13	x 5-1/2"	57-108	3.51
56-109	4.24	x 6"	57-109	3.82
56-110	6.35	x 7"	57-110	5.19
56-111	6.94	x 8"	57-111	5.69
56-112	12.98	x 9"	57-112	6.29
56-113	13.39	x 10"	57-113	6.75
56-114	16.35	x 11"	57-114	9.17
56-115	16.35	x 12"	57-115	7.87
56-260	20.35	x 18"	57-260	17.30
56-261	24.63	x 24"	57-261	20.03
56-262	41.20	x 30"	57-262	30.39
56-263	35.96	x 36"	57-263	28.48
56-264	66.19	x 42"	57-264	59.55
56-265	52.33	x 48"	57-265	50.86
56-266	62.79	x 60"	57-266	55.59
56-267	69.76	x 72"	57-267	78.13

1-1/4" DIAMETER



Part # Galv	List Price	Length	Part # Black	List Price
56-120	2.75	X Close (1-5/8")	57-120	2.45
56-121	2.86	x 2"	57-121	2.62
56-122	3.11	x 2-1/2"	57-122	2.82
56-123	3.41	x 3"	57-123	3.09
56-124	3.92	x 3-1/2"	57-124	3.39
56-125	4.50	x 4"	57-125	3.75
56-126	5.00	x 4-1/2"	57-126	4.04
56-127	4.81	x 5"	57-127	4.45
56-128	5.31	x 5-1/2"	57-128	4.59
56-129	5.45	x 6"	57-129	4.92
56-130	9.93	x 7"	57-130	6.82
56-131	9.16	x 8"	57-131	7.56
56-132	14.28	x 9"	57-132	8.15
56-133	14.72	x 10"	57-133	8.72
56-134	14.89	x 11"	57-134	10.40
56-135	18.53	x 12"	57-135	15.87
56-270	24.42	x 18"	57-270	18.82
56-271	31.78	x 24"	57-271	24.42
56-272	37.07	x 30"	57-272	37.96
56-273	47.77	x 36"	57-273	47.75
56-274	56.16	x 42"	57-274	56.52
56-275	63.69	x 48"	57-275	60.77
56-276	78.16	x 60"	57-276	61.04
56-277	129.96	x 72"	57-277	86.81

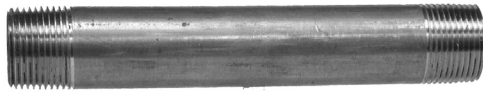
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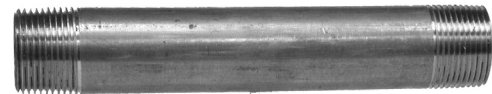
Horror Movie Safety Tips - Part One...

1. When it appears that you have killed the monster, **NEVER** check to see if it's really dead.
2. Never read a book of demon summoning aloud, even as a joke.
3. Do not search the basement, especially if the power has gone out.
4. If your children speak to you in Latin or any other language which they should not know, shoot them immediately. It will save you a lot of grief in the long run. However, it will probably take several rounds to kill them, so be prepared. This also applies to kids who speak with somebody else's voice.
5. As a general rule, don't solve puzzles that open portals to Hell.



STEEL NIPPLES**BLACK AND GALVANIZED SCHEDULE 40****1-1/2" DIAMETER**

Part # Galv	List Price	Length	Part # Black	List Price
56-140	3.45	X Close (1-3/4")	57-140	2.95
56-141	3.63	x 2"	57-141	3.04
56-142	3.80	x 2-1/2"	57-142	3.36
56-143	4.16	x 3"	57-143	3.80
56-144	4.54	x 3-1/2"	57-144	4.30
56-145	4.96	x 4"	57-145	4.57
56-146	5.57	x 4-1/2"	57-146	5.04
56-147	5.75	x 5"	57-147	5.12
56-148	6.43	x 5-1/2"	57-148	5.43
56-149	6.53	x 6"	57-149	5.69
56-150	9.82	x 7"	57-150	7.91
56-151	10.76	x 8"	57-151	8.66
56-152	14.07	x 9"	57-152	9.68
56-153	13.42	x 10"	57-153	10.23
56-154	17.45	x 11"	57-154	17.01
56-155	17.31	x 12"	57-155	11.94
56-280	26.17	x 18"	57-280	24.74
56-281	37.77	x 24"	57-281	34.59
56-282	58.28	x 30"	57-282	44.39
56-283	61.04	x 36"	57-283	53.83
56-284		x 42"	57-284	71.76
56-285	70.23	x 48"	57-285	83.01
56-286		x 60"	57-286	92.74
56-287	130.80	x 72"	57-287	116.60

2" DIAMETER

Part # Galv	List Price	Length	Part # Black	List Price
56-160	4.69	X Close (2")	57-160	3.91
56-161	5.42	x 2-1/2"	57-161	4.69
56-162	5.61	x 3"	57-162	4.92
56-163	6.33	x 3-1/2"	57-163	5.78
56-164	7.33	x 4"	57-164	5.72
56-165	7.59	x 4-1/2"	57-165	6.45
56-166	8.72	x 5"	57-166	6.83
56-167	8.35	x 5-1/2"	57-167	7.43
56-168	9.19	x 6"	57-168	7.71
56-169	13.95	x 7"	57-169	10.57
56-170	14.30	x 8"	57-170	12.23
56-171	24.58	x 9"	57-171	13.51
56-172	16.76	x 10"	57-172	15.21
56-173	19.18	x 11"	57-173	16.72
56-174	21.47	x 12"	57-174	19.98
56-290	31.03	x 18"	57-290	32.87
56-291	40.41	x 24"	57-291	45.75
56-292	62.45	x 30"	57-292	51.23
56-293	65.69	x 36"	57-293	58.43
56-294	114.13	x 42"	57-294	95.21
56-295	86.83	x 48"	57-295	99.08
56-296	111.25	x 60"	57-296	115.02
56-297	143.07	x 72"	57-297	141.08

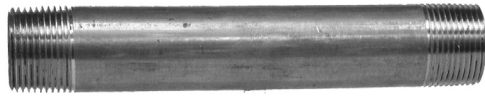
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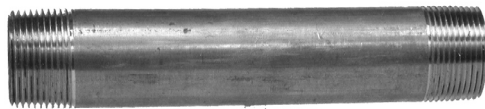
Horror Movie Safety Tips - Part Two...

6. Never stand in, on, or above a grave, tomb, or crypt. This would apply to any other house of the dead as well.
7. If appliances start operating by themselves, do not check for short-circuits; just get out.
8. Do not take ANYTHING from the dead.
9. If you find a town which looks deserted, there's probably a good reason for it. Don't stop and look around.
10. Don't fool with recombinant DNA technology unless you're sure you know what you're doing.

2-1/2" DIAMETER



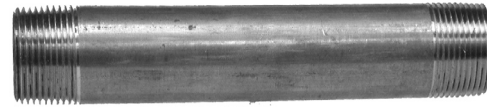
Part # Galv	List Price	Length	Part # Black	List Price
56-180	13.72	X Close (2-1/2")	57-180	12.70
56-181	14.13	x 3"	57-181	13.25
56-182	17.82	x 3-1/2"	57-182	13.98
56-183	15.55	x 4"	57-183 ³	14.41
56-184	17.53	x 4-1/2"	57-184	15.29
56-185	17.31	x 5"	57-185	16.09
56-186	19.36	x 5-1/2"	57-186	17.52
56-187	19.02	x 6"	57-187	17.62
56-188	24.14	x 7"	57-188	29.05
56-189	30.36	x 8"	57-189	24.33
56-190	29.00	x 9"	57-190	31.44
56-191	29.83	x 10"	57-191	24.37
56-192	31.50	x 11"	57-192	31.05
56-193	31.61	x 12"	57-193	29.46



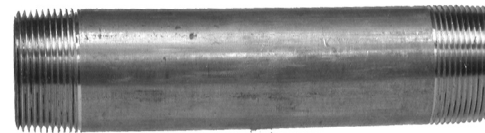
4" DIAMETER

Part # Galv	List Price	Length	Part # Black	List Price
56-220	23.95	X Close (2-7/8")	57-220	23.22
56-223	26.34	x 4"	57-223	25.22
56-224	31.38	x 4-1/2"	57-224	26.75
56-225	33.13	x 5"	57-225	28.43
56-226	44.15	x 5-1/2"	57-226	30.16
56-227	35.73	x 6"	57-227	30.87
56-330	61.04	x 7"	57-330	54.21
56-229	59.27	x 8"	57-229	54.94
56-331	61.32	x 9"	57-331	63.29
56-332	71.94	x 10"	57-332	62.20
56-228	71.53	x 12"		

3" DIAMETER



Part # Galv	List Price	Length	Part # Black	List Price
56-200	16.75	X Close (2-5/8")	57-200	15.98
56-201	17.66	x 3"	57-201	16.81
56-202	19.44	x 3-1/2"	57-202	17.65
56-203	19.85	x 4"	57-203	18.68
56-204	23.93	x 4-1/2"	57-204	20.60
56-205	24.54	x 5"	57-205	21.08
56-206	26.70	x 5-1/2"	57-206	21.74
56-207	25.84	x 6"	57-207	23.09
56-208	31.73	x 7"	57-208	29.46
56-209	32.05	x 8"	57-209	30.52
56-210	36.00	x 9"	57-210	34.72
56-211	38.57	x 10"	57-211	35.69
56-212	39.13	x 11"	57-212	42.57
56-213	51.31	x 12"	57-213	45.21
		x 24"	57-311	128.16



6" DIAMETER

Part # Galv	List Price	6" Dia.	Part # Black	List Price
56-300	95.99	Close (3-1/8")	57-300	89.63

Black Steel Nipples available in Schedule 40 Seamless beginning on page 209.

Black Steel Nipples available in Schedule 80 beginning on page 222.

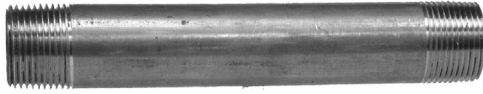
Logic will get you from A to B. Imagination will take you everywhere.

- Albert Einstein

STEEL NIPPLES

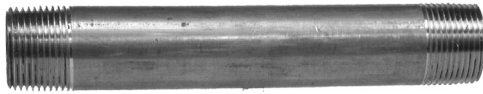
BLACK SCHEDULE 40 SEAMLESS

SCHEDULE 40 SEAMLESS NIPPLES 1/8" DIAMETER



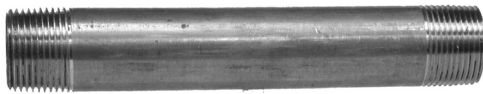
Part #	Length	List Price
71-001	X Close (3/4")	7.11
71-002	x 1-1/2"	7.53
71-003	x 2"	8.09
71-004	x 2-1/2"	8.84
71-005	x 3"	9.73
71-006	x 3-1/2"	10.70
71-007	x 4"	11.87
71-008	x 4-1/2"	12.86
71-009	x 5"	17.71
71-010	x 5-1/2"	18.90
71-011	x 6"	20.29

SCHEDULE 40 SEAMLESS NIPPLES 1/4" DIAMETER



Part #	Length	List Price
71-020	X Close (7/8")	8.38
71-021	x 1-1/2"	8.58
71-022	x 2"	9.46
71-023	x 2-1/2"	10.27
71-024	x 3"	11.50
71-025	x 3-1/2"	12.70
71-026	x 4"	14.09
71-027	x 4-1/2"	15.33
71-028	x 5"	21.68
71-029	x 5-1/2"	22.94

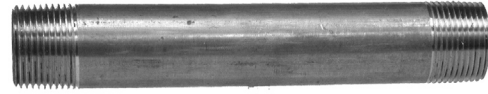
SCHEDULE 40 SEAMLESS NIPPLES 3/8" DIAMETER



Part #	Length	List Price
71-040	X Close (1")	9.03
71-041	x 1-1/2"	9.40
71-042	x 2"	10.27
71-043	x 2-1/2"	11.54
71-044	x 3"	13.01
71-045	x 3-1/2"	14.30
71-046	x 4"	15.53
71-047	x 4-1/2"	17.10
71-048	x 5"	22.89
71-049	x 5-1/2"	24.38
71-050	x 6"	25.95

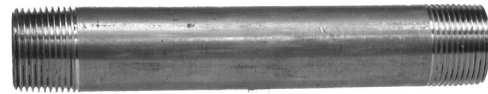
NEW

SCHEDULE 40 SEAMLESS NIPPLES 1/2" DIAMETER



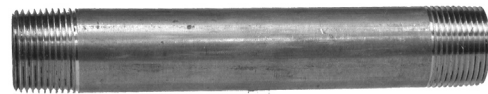
Part #	Length	List Price
71-060	X Close (1-1/8")	4.69
71-061	x 1-1/2"	5.01
71-062	x 2"	5.51
71-063	x 2-1/2"	6.09
71-064	x 3"	6.70
71-065	x 3-1/2"	7.64
71-066	x 4"	8.35
71-067	x 4-1/2"	9.20
71-068	x 5"	10.59
71-069	x 5-1/2"	11.53
71-070	x 6"	12.45

SCHEDULE 40 SEAMLESS NIPPLES 3/4" DIAMETER



Part #	Length	List Price
71-080	X Close (1-3/8")	5.30
71-081	x 1-1/2"	5.70
71-082	x 2"	5.95
71-083	x 2-1/2"	6.72
71-084	x 3"	7.51
71-085	x 3-1/2"	8.53
71-086	x 4"	9.37
71-087	x 4-1/2"	10.23
71-088	x 5"	11.67
71-089	x 5-1/2"	12.59
71-090	x 6"	13.48

SCHEDULE 40 SEAMLESS NIPPLES 1" DIAMETER

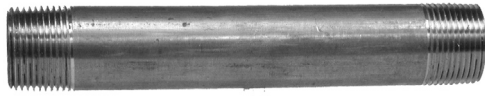


Part #	Length	List Price
71-100	X Close (1-1/2")	7.51
71-101	x 2"	7.95
71-102	x 2-1/2"	8.54
71-103	x 3"	9.98
71-104	x 3-1/2"	11.08
71-105	x 4"	12.38
71-106	x 4-1/2"	13.45
71-107	x 5"	15.54
71-108	x 5-1/2"	16.67
71-109	x 6"	17.77

Black Steel Nipples available in Schedule 80 beginning on page 222.

NIPPLES & FITTINGS

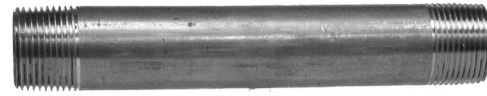
**SCHEDULE 40 SEAMLESS NIPPLES
1-1/4" DIAMETER**



NEW

Part #	Length	List Price
71-120	X Close (1-5/8")	9.42
71-121	x 2"	9.80
71-122	x 2-1/2"	10.79
71-123	x 3"	12.54
71-124	x 3-1/2"	13.70
71-125	x 4"	15.33
71-126	x 4-1/2"	16.67
71-127	x 5"	19.34
71-128	x 5-1/2"	20.80
71-129	x 6"	22.23

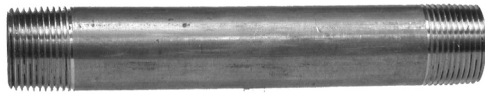
**SCHEDULE 40 SEAMLESS NIPPLES
2-1/2" DIAMETER**



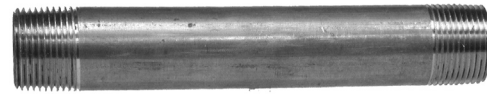
Part #	Length	List Price
71-180	X Close (2-1/2")	37.66
71-181	x 3"	39.52
71-182	x 3-1/2"	42.50
71-183	x 4"	44.09
71-184	x 4-1/2"	46.46
71-185	x 5"	49.64
71-186	x 5-1/2"	52.12
71-187	x 6"	54.39

**SCHEDULE 40 SEAMLESS NIPPLES
3" DIAMETER**

**SCHEDULE 40 SEAMLESS NIPPLES
1-1/2" DIAMETER**

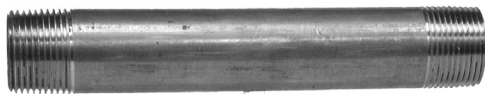


Part #	Length	List Price
71-140	X Close (1-3/4")	11.54
71-141	x 2"	12.01
71-142	x 2-1/2"	13.07
71-143	x 3"	15.02
71-144	x 3-1/2"	16.39
71-145	x 4"	18.35
71-146	x 4-1/2"	20.06
71-147	x 5"	23.21
71-148	x 5-1/2"	24.65
71-149	x 6"	27.29



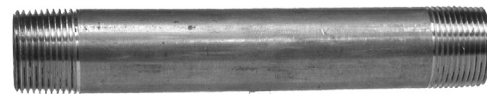
Part #	Length	List Price
71-200	X Close (2-5/8")	47.52
71-201	x 3"	50.26
71-202	x 3-1/2"	53.72
71-203	x 4"	56.87
71-204	x 4-1/2"	60.00
71-205	x 5"	64.19
71-206	x 5-1/2"	67.41
71-207	x 6"	70.56

**SCHEDULE 40 SEAMLESS NIPPLES
2" DIAMETER**



Part #	Length	List Price
71-160	X Close (2")	11.31
71-161	x 2-1/2"	12.73
71-162	x 3"	14.79
71-163	x 3-1/2"	15.93
71-164	x 4"	17.79
71-165	x 4-1/2"	19.23
71-166	x 5"	22.47
71-167	x 5-1/2"	24.24
71-168	x 6"	25.64

**SCHEDULE 40 SEAMLESS NIPPLES
4" DIAMETER**



Part #	Length	List Price
71-220	X Close (2-7/8")	67.75
71-223	x 4"	76.67
71-224	x 4-1/2"	81.15
71-225	x 5"	88.02
71-226	x 5-1/2"	91.47
71-227	x 6"	95.89

Black Steel Nipples available in Schedule 80 beginning on page 222.

**NIPPLES &
FITTINGS**

