

SS304N & SS316N SERIES - STAINLESS STEEL NIPPLES SCHEDULE 40

SPECIFICATIONS:

- Materials conform to ASTM A312 - Welded pipe (SS304 & SS316)
- Dimensions conform to ASTM A733 - Pipe Nipples
- Threads conform to ANSI/ASME B1.20.1 Pipe Threads

CERTIFICATIONS:

- NSF/ANSI Standard 372 Certified (Drinking Water System Components - Lead Content - SS- (Stainless Steel alloys do not contain any lead 0.00% Pb))
- CRN (Canadian Registration Number Listed - 0A14531.5

RATINGS:

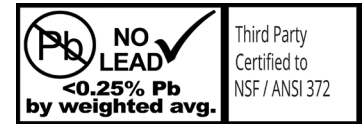
- Ambient working temperature rating: -20°F to 100°F (-29°C to 38°C)

Schedule 40 Pipe Size

Pipe Size	Close Length	Burst Internal Pressure* (PSI)	OD		Wall Thickness	
			in	mm	in	mm
1/8"	3/4"	6299	0.405	10.29	0.068	1.73
1/4"	7/8"	3111	0.540	13.72	0.088	2.24
3/8"	1"	5033	0.675	17.15	0.091	2.31
1/2"	1-1/8"	4866	0.840	21.34	0.109	2.77
3/4"	1-3/8"	4035	1.050	26.67	0.113	2.87
1"	1-1/2"	3793	1.315	33.40	0.133	3.38
1-1/4"	1-5/8"	3163	1.660	42.16	0.140	3.56
1-1/2"	1-3/4"	2862	1.900	48.26	0.145	3.68
2"	2"	2432	2.375	60.33	0.154	3.91
2-1/2"	2-1/2"	2647	2.875	73.03	0.203	5.16
3"	2-5/8"	2314	3.500	88.90	0.216	5.49
4"	2-7/8"	1975	4.500	114.30	0.237	6.02

* Bursting Internal Pressure are theoretical ratings based on ambient working temperature.

FOR HIGHER TEMPERATURE MULTIPLY PRESSURE BY:			
	300°F (149°C)	500°F (260°C)	1000°F (538°C)
304 S.S	0.828	0.774	0.665
316 S.S	0.900	0.853	0.746



MATERIAL LIST		
Name	Percent of Composition	
	304 SS	316 SS
Iron (Fe)	64.0 - 72.0	61.845 - 72.0
Carbon (C)	0.08 max	0.08 max
Silicone (Si)	2.00 max	1.00 max
Manganese (Mn)	1.50 max	2.00 max
Phosphorus (P)	0.045 max	0.045 max
Sulfur (S)	0.03 max	0.03 max
Chromium (Cr)	18.0 - 21.0	16.0 - 18.0
Nickel (Ni)	8.0 - 11.0	10.0 - 14.0
Molybdenum (Mo)	N/A	2.0 - 3.0

BOSHART
INDUSTRIES

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

VISIT US ONLINE AT BOSHART.COM

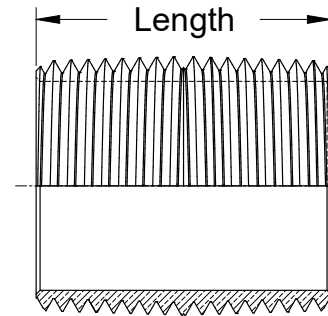
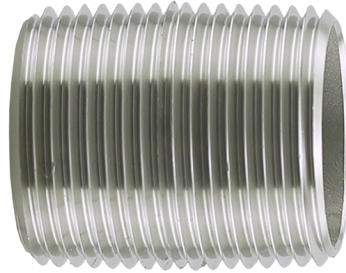
For more information on installation, adjustment, repair & operation, visit Boshart Knowledge Base at SUPPORT.BOSHART.COM



SCHEDULE 40 PIPE NIPPLES & READY CUT PIPE

Nipples with lengths up through 12 in. (305 mm) long shall have a length tolerance of $\pm 1/16$ in. (1.6mm). Nipples over 12 in. long are referred to as ready cut pipe and have a tolerance of $\pm 1/8$ in. (3.2 mm) as defined in ASTM A733.

Close Nipple-NPT

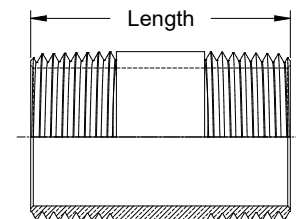
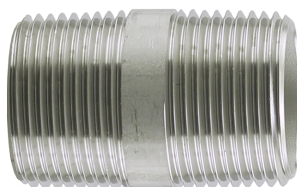


Pipe Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"
Length	3/4"	7/8"	1"	1-1/8"	1-3/8"	1-1/2"	1-5/8"	1-3/4"
SS304	SS304N-01	SS304N-02	SS304N-03	SS304N-05	SS304N-07	SS304N-10	SS304N-12	SS304N-15
SS316	SS316N-01	SS316N-02	SS316N-03	SS316N-05	SS316N-07	SS316N-10	SS316N-12	SS316N-15

Pipe Size	2"	2-1/2"	3"	4"
Length	2"	2-1/2"	2-5/8"	2-7/8"
SS304	SS304N-20	SS304N-25	SS304N-30	SS304N-40
SS316	SS316N-20	SS316N-25	SS316N-30	SS316N-40

Shoulder Nipple-NPT

Shoulder nipples are longer than a close nipple and include a very short unthreaded space between the threads. The unthreaded space is not large enough to fit a pipe wrench. When two female fittings are screwed onto either end, a small piece of nipple will remain exposed. A shoulder nipple is the first length of nipple that is available up from a close nipple.



BOSHART
INDUSTRIES

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

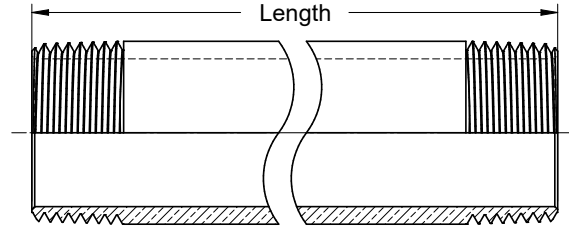
VISIT US ONLINE AT BOSHART.COM

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



SCHEDULE 40 PIPE NIPPLES & READY CUT PIPE

Pipe Nipple-NPT

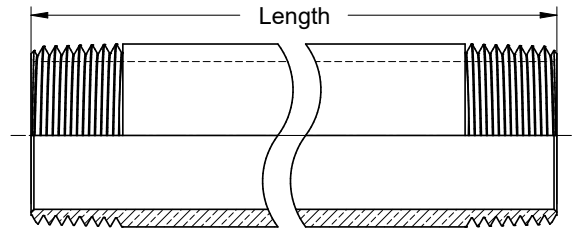


Pipe Size Length	1/8"		1/4"		3/8"	
	SS304	SS316	SS304	SS316	SS304	SS316
1-1/2"	SS304N-0115	SS316N-0115	SS304N-0215	SS316N-0215	SS304N-0315	SS316N-0315
2"	SS304N-0120	SS316N-0120	SS304N-0220	SS316N-0220	SS304N-0320	SS316N-0320
2-1/2"	SS304N-0125	SS316N-0125	SS304N-0225	SS316N-0225	SS304N-0325	SS316N-0325
3"	SS304N-0130	SS316N-0130	SS304N-0230	SS316N-0230	SS304N-0330	SS316N-0330
3-1/2"	SS304N-0135	SS316N-0135	SS304N-0235	SS316N-0235	SS304N-0335	SS316N-0335
4"	SS304N-0140	SS316N-0140	SS304N-0240	SS316N-0240	SS304N-0340	SS316N-0340
4-1/2"	SS304N-0145	SS316N-0145	SS304N-0245	SS316N-0245	SS304N-0345	SS316N-0345
5"	SS304N-0150	SS316N-0150	SS304N-0250	SS316N-0250	SS304N-0350	SS316N-0350
5-1/2"	SS304N-0155	SS316N-0155	SS304N-0255	SS316N-0255	SS304N-0355	SS316N-0355
6"	SS304N-0160	SS316N-0160	SS304N-0260	SS316N-0260	SS304N-0360	SS316N-0360
7"	SS304N-0170	SS316N-0170	SS304N-0270	SS316N-0270	SS304N-0370	
8"	SS304N-0180	SS316N-0180	SS304N-0280	SS316N-0280	SS304N-0380	SS316N-0380
9"	SS304N-0190	SS316N-0190	SS304N-0290		SS304N-0390	
10"	SS304N-01100	SS316N-01100	SS304N-02100	SS316N-02100	SS304N-03100	SS316N-03100
11"	SS304N-01110	SS316N-01110	SS304N-02110	SS316N-02110	SS304N-03110	SS316N-03110
12"	SS304N-01120	SS316N-01120	SS304N-02120	SS316N-02120	SS304N-03120	SS316N-03120



SCHEDULE 40 PIPE NIPPLES & READY CUT PIPE

Pipe Nipple-NPT

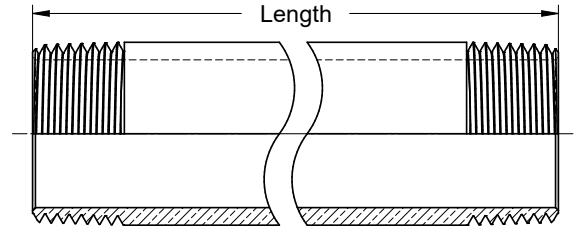


Pipe Size Length	1/2"		3/4"	
	SS304	SS316	SS304	SS316
1-1/2"	SS304N-0515	SS316N-0515	SS304N-0715	SS316N-0715
2"	SS304N-0520	SS316N-0520	SS304N-0720	SS316N-0720
2-1/2"	SS304N-0525	SS316N-0525	SS304N-0725	SS316N-0725
3"	SS304N-0530	SS316N-0530	SS304N-0730	SS316N-0730
3-1/2"	SS304N-0535	SS316N-0535	SS304N-0735	SS316N-0735
4"	SS304N-0540	SS316N-0540	SS304N-0740	SS316N-0740
4-1/2"	SS304N-0545	SS316N-0545	SS304N-0745	SS316N-0745
5"	SS304N-0550	SS316N-0550	SS304N-0750	SS316N-0750
5-1/2"	SS304N-0555	SS316N-0555	SS304N-0755	SS316N-0755
6"	SS304N-0560	SS316N-0560	SS304N-0760	SS316N-0760
7"	SS304N-0570	SS316N-0570	SS304N-0770	SS316N-0770
8"	SS304N-0580	SS316N-0580	SS304N-0780	SS316N-0780
9"	SS304N-0590	SS316N-0590	SS304N-0790	SS316N-0790
10"	SS304N-05100	SS316N-05100	SS304N-07100	SS316N-07100
11"	SS304N-05110	SS316N-05110	SS304N-07110	SS316N-07110
12"	SS304N-05120	SS316N-05120	SS304N-07120	SS316N-07120



SCHEDULE 40 PIPE NIPPLES & READY CUT PIPE

Pipe Nipple-NPT



Pipe Size Length	1"		1-1/4"	
	SS304	SS316	SS304	SS316
2"	SS304N-1020	SS316N-1020	SS304N-1220	SS316N-1220
2-1/2"	SS304N-1025	SS316N-1025	SS304N-1225	SS316N-1225
3"	SS304N-1030	SS316N-1030	SS304N-1230	SS316N-1230
3-1/2"	SS304N-1035	SS316N-1035	SS304N-1235	SS316N-1235
4"	SS304N-1040	SS316N-1040	SS304N-1240	SS316N-1240
4-1/2"	SS304N-1045	SS316N-1045	SS304N-1245	SS316N-1245
5"	SS304N-1050	SS316N-1050	SS304N-1250	SS316N-1250
5-1/2"	SS304N-1055	SS316N-1055	SS304N-1255	SS316N-1255
6"	SS304N-1060	SS316N-1060	SS304N-1260	SS316N-1260
7"	SS304N-1070	SS316N-1070	SS304N-1270	SS316N-1270
8"	SS304N-1080	SS316N-1080	SS304N-1280	SS316N-1280
9"	SS304N-1090	SS316N-1090	SS304N-1290	SS316N-1290
10"	SS304N-10100	SS316N-10100	SS304N-12100	SS316N-12100
11"	SS304N-10110	SS316N-10110	SS304N-12110	SS316N-12110
12"	SS304N-10120	SS316N-10120	SS304N-12120	SS316N-12120

BOSHART
INDUSTRIES

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

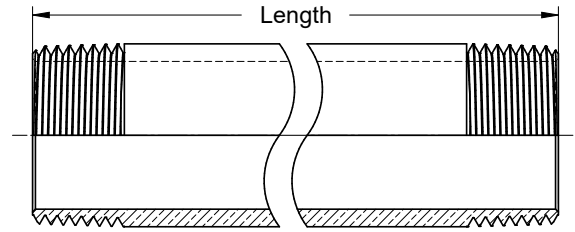
VISIT US ONLINE AT BOSHART.COM

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



SCHEDULE 40 PIPE NIPPLES & READY CUT PIPE

Pipe Nipple-NPT

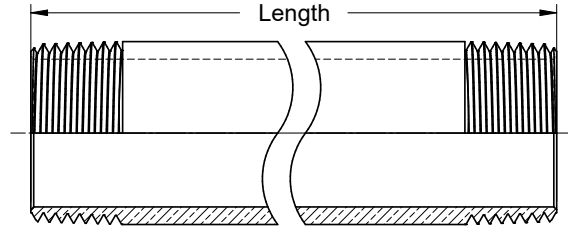


Pipe Size Length	1-1/2"		2"	
	SS304	SS316	SS304	SS316
2"	SS304N-1520	SS316N-1520		
2-1/2"	SS304N-1525	SS316N-1525	SS304N-2025	SS316N-2025
3"	SS304N-1530	SS316N-1530	SS304N-2030	SS316N-2030
3-1/2"	SS304N-1535	SS316N-1535	SS304N-2035	SS316N-2035
4"	SS304N-1540	SS316N-1540	SS304N-2040	SS316N-2040
4-1/2"	SS304N-1545	SS316N-1545	SS304N-2045	SS316N-2045
5"	SS304N-1550	SS316N-1550	SS304N-2050	SS316N-2050
5-1/2"	SS304N-1555	SS316N-1555	SS304N-2055	SS316N-2055
6"	SS304N-1560	SS316N-1560	SS304N-2060	SS316N-2060
7"	SS304N-1570	SS316N-1570	SS304N-2070	SS316N-2070
8"	SS304N-1580	SS316N-1580	SS304N-2080	SS316N-2080
9"	SS304N-1590	SS316N-1590	SS304N-2090	SS316N-2090
10"	SS304N-15100	SS316N-15100	SS304N-20100	SS316N-20100
11"	SS304N-15110	SS316N-15110	SS304N-20110	SS316N-20110
12"	SS304N-15120	SS316N-15120	SS304N-20120	SS316N-20120



SCHEDULE 40 PIPE NIPPLES & READY CUT PIPE

Pipe Nipple-NPT



Pipe Size Length	2-1/2"		3"		4"	
	SS304	SS316	SS304	SS316	SS304	SS316
3"	SS304N-2530	SS316N-2530	SS304N-3030	SS316N-3030		
3-1/2"	SS304N-2535	SS316N-2535	SS304N-3035	SS316N-3035	SS304N-4035	SS316N-4035
4"	SS304N-2540	SS316N-2540	SS304N-3040	SS316N-3040	SS304N-4040	SS316N-4040
4-1/2"	SS304N-2545	SS316N-2545	SS304N-3045	SS316N-3045	SS304N-4045	SS316N-4045
5"	SS304N-2550	SS316N-2550	SS304N-3050	SS316N-3050	SS304N-4050	SS316N-4050
5-1/2"	SS304N-2555	SS316N-2555	SS304N-3055	SS316N-3055	SS304N-4055	SS316N-4055
6"	SS304N-2560	SS316N-2560	SS304N-3060	SS316N-3060	SS304N-4060	SS316N-4060
7"	SS304N-2570		SS304N-3070	SS316N-3070	SS304N-4070	SS316N-4070
8"	SS304N-2580	SS316N-2580	SS304N-3080	SS316N-3080	SS304N-4080	SS316N-4080
9"	SS304N-2590	SS316N-2590	SS304N-3090		SS304N-4090	SS316N-4090
10"	SS304N-25100	SS316N-25100	SS304N-30100	SS316N-30100	SS304N-40100	SS316N-40100
11"		SS316N-25110			SS304N-40110	SS316N-40110
12"	SS304N-25120	SS316N-25120	SS304N-30120	SS316N-30120	SS304N-40120	SS316N-40120

