

SMITH-COOPER®

I N T E R N A T I O N A L

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Carbon Steel Nipples

Schedule 40 & 80 Welded, Schedule 80 Seamless, & XXH Seamless

SMITH-COOPER®

INTERNATIONAL



Carbon Steel Nipples

Specifications

- Steel Pipe used for Schedules 40 & 80 welded nipples conforms to ASTM A53
- Steel Pipe used for Schedule 80 nipples conforms to ASTM A106 Grade B
- Both welded and seamless steel nipples conform to ASTM A733
- NPT threads on all nipples conform to ASME B1.20.1
- Independent lab verification that fittings meet applicable chemical & physical properties

SCI Quality Plus

- Quality control inspections both at the overseas factory and our US warehouses
- Company engineer available at your request
- \$10,000,000 product liability insurance
- SCI trademark logo on each fitting
- SCI 5/50 guarantee
- Pro Pak System makes products easier to handle and warehouse
- Orders shipped within 24 hours
- Fax confirmation of every order
- Knowledgeable customer service personnel

Warranty and Limitations of Liability

SMITH-COOPER INTERNATIONAL (SCI) warrants to its initial purchaser only, that its products which are delivered to this initial purchaser will be of the kind described in the order or price list and will be free of defects in workmanship or material for a period of five years from the date of delivery to our initial purchaser.

Should any failure to conform to this warranty appear within five years after the date of the initial delivery to our initial purchaser, SCI will, upon written notification thereof and substantiation that the goods have been stored, installed, maintained and operated in accordance with recognized engineering and piping practices and industry standards, correct such defects by suitable repair or replacement (which alternative shall be at the discretion of SCI) of product at SCI's own expense upon return of the defective part to SCI.

In the event that SCI elects to replace the defective product, SCI shall pay up to \$50 per defective product for total cost of replacement. In the event of multiple claims, such payment shall be no greater than \$1,000 for each installation project.

This warranty applies only during normal use that meets the above referenced conditions of installation and operation and is absolutely void if the product has been damaged after purchase or if it has been misused, repaired, altered or modified in any manner whatsoever. SCI shall not warrant any of its products if any portion of the product including without limitation, any component, gasket, housing or bolt has been modified, altered, remanufactured or replaced in any manner by any customer, user of the product or third party.

Correction of non-conformities, in the manner and for the period of time provided above, shall constitute fulfillment of all liabilities of SCI to our initial purchaser, with respect to the goods, whether based on contract, negligence, strict tort, or otherwise. It is the intention of SCI that no warranty of any kind, whether expressed or implied shall pass through our initial purchaser to any other person or corporation.

No returns will be allowed unless prior written permission of SCI is first obtained. Buyers shall be responsible for all costs of transportation as well as a restocking charge.

This warranty is exclusively for the benefit of the initial purchaser of this product from SCI and, except to the extent prohibited by applicable law, the foregoing warranty is in lieu of all other warranties, express or implied, including but not limited to warranties of fitness or merchantability.

LIMITATIONS OF LIABILITY: SCI shall not under any circumstances be liable for special or consequential damages such as, but not limited to damage to loss of other property or equipment, loss of profits or revenue, cost of capital, cost of purchased or replacement goods, claims of customers of our initial purchaser, any labor cost for repair or replacement of the product or damage caused by the product.

The remedies of our initial purchaser, and all others, set forth herein are exclusive, and the liability of SCI with respect to same shall not, except as expressly provided herein, exceed the price of the SCI products on which such liability is based.

Weight per Each (lb)																		
Packing (Inner/Master)																		

Schedule 40 Welded Steel Nipples

Size	Close Length	Close	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"	3/4"	0.011	0.019	0.031	0.042	0.053	0.064	0.075	0.087	0.098	0.109	0.120	0.150	0.165	0.187	0.210	0.232	0.255	
		25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/200	25/200	25/200	25/200
1/4"	7/8"	0.020	0.041	0.059	0.077	0.095	0.112	0.130	0.148	0.166	0.184	0.202	0.238	0.274	0.309	0.345	0.381	0.417	
		25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/300	25/300	25/300	25/200	25/200	25/200	20/160	20/160	20/160
3/8"	1"	0.033	0.062	0.089	0.116	0.142	0.169	0.196	0.222	0.249	0.275	0.302	0.355	0.408	0.461	0.514	0.568	0.621	
		25/400	25/400	25/400	25/400	25/400	25/300	25/300	25/200	25/200	25/200	25/200	25/200	25/150	25/150	25/100	25/100	25/100	25/100
1/2"	1-1/8"	0.059	0.084	0.119	0.155	0.190	0.226	0.261	0.297	0.333	0.368	0.404	0.475	0.546	0.617	0.688	0.759	0.830	
		25/400	25/400	25/400	25/300	25/300	25/200	25/200	25/200	25/150	25/150	25/150	25/100	25/100	25/100	25/100	25/75	25/75	25/75
3/4"	1-3/8"	0.084	0.106	0.153	0.200	0.248	0.295	0.342	0.390	0.437	0.484	0.532	0.626	0.721	0.815	0.910	1.005	1.099	
		25/400	25/400	25/300	25/300	25/200	25/200	25/150	25/150	25/100	25/100	25/100	25/100	25/75	25/75	25/50	25/50	25/50	25/50
1"	1-1/2"	0.141		0.167	0.237	0.307	0.377	0.447	0.517	0.587	0.657	0.726	0.866	1.006	1.146	1.286	1.426	1.566	
		25/200		25/200	25/150	25/150	25/100	25/100	25/100	25/75	25/75	25/50	25/50	25/50	25/50	25/50	20/40	20/40	20/40
1-1/4"	1-5/8"	0.211		0.268	0.363	0.458	0.553	0.648	0.742	0.837	0.932	1.027	1.217	1.407	1.596	1.786	1.976	2.166	
		25/150		25/100	25/100	25/100	25/50	25/50	25/50	25/50	25/50	25/50	15/30	15/30	15/30	-/30	-/30	-/30	
1-1/2"	1-3/4"	0.267		0.326	0.439	0.552	0.666	0.779	0.892	1.006	1.119	1.233	1.459	1.686	1.913	2.139	2.366	2.593	
		25/100		25/100	25/50	25/50	25/50	25/50	25/50	20/40	20/40	20/40	20/40	-/35	-/35	-/35	-/15	-/15	-/15
2"	2"	0.464			0.614	0.766	0.919	1.071	1.223	1.375	1.528	1.680	1.985	2.289	2.593	2.898	3.203	3.507	
		25/50			25/50	-/50	-/25	-/25	-/25	-/25	-/25	-/25	-/18	-/18	-/18	-/14	-/14	-/14	
2-1/2"	2-1/2"	0.756				0.952	1.194	1.435	1.677	1.918	2.160	2.402	2.885	3.368	3.851	4.334	4.817	5.300	
		-/36				-/36	-/27	-/27	-/24	-/18	-/18	-/18	-/14	-/12	-/12	-/9	-/9	-/9	
3"	2-5/8"	0.998				1.193	1.509	1.825	2.141	2.457	2.773	3.089	3.721	4.353	4.985	5.617	6.249	6.881	
		-/24				-/24	-/18	-/18	-/16	-/12	-/12	-/12	-/9	-/8	-/8	-/6	-/6	-/6	
3-1/2"	2-3/4"	2.087						3.036	3.416	3.795	4.175	4.554	5.313	6.100	6.831	7.590	8.349	9.110	
		-/15						-/12	-/10	-/8	-/8	-/8	-/5	-/5	-/5	-/4	-/4	-/4	
4"	2-7/8"	1.743						3.596	4.046	4.496	4.945	5.395	6.294	7.193	8.092	8.992	9.890	10.790	
		-/15						-/12	-/10	-/8	-/8	-/8	-/5	-/5	-/5	-/4	-/4	-/4	
5"	3"	4.263						3.833	4.312	5.051	0.000	6.270	6.270	8.708	10.962	11.145	12.259	13.582	
		-/1						-/4	-/4	-/2	-/2	-/2	-/2	-/2	-/2	-/2	-/1	-/1	
6"	3-1/8"	3.198						4.174	5.062	5.949	6.836	7.724	11.067	11.273	13.047	14.822	16.597	18.371	
		-/4						-/4	-/4	-/4	-/2	-/2	-/2	-/2	-/2	-/2	-/1	-/1	
8"	3-1/2"	6.877											12.832	14.970	17.597	19.248	21.380	23.525	27.122
		-/1											-/1	-/1	-/1	-/1	-/1	-/1	

Schedule 40 Redi-Cuts Nipples

Size	18"	24"	30"	36"	48"	60"	72"
1/2"	1.256	1.683	2.109	2.536	3.389	4.247	5.096
	-/5	-/5	-/5	-/5	-/5	-/5	-/5
3/4"	1.666	2.234	2.802	3.369	3.937	5.640	6.775
	-/5	-/5	-/5	-/5	-/5	-/5	-/5
1"	18.03	13.245	4.085	4.925	6.604	8.284	9.963
	-/5	-/5	-/5	-/5	-/5	-/5	-/5
1-1/4"	3.304	4.443	5.581	6.720	8.997	11.275	13.552
	-/2	-/2	-/2	-/2	-/2	-/2	-/2
1-1/2"	3.953	5.313	6.673	8.034	10.754	13.475	16.200
	-/2	-/2	-/2	-/2	-/2	-/2	-/2
2"	5.3343	7.161	8.988	10.816	14.470	18.125	21.779
	-/2	-/2	-/2	-/2	-/2	-/2	-/2
2-1/2"	7.728	11.101	14.490	16.900	22.699	30.000	34.000
	-/1	-/1	-/1	-/1	-/1	-/1	-/1
3"	10.676	14.469	18.263	22.056	29.642	37.229	44.000
	-/1	-/1	-/1	-/1	-/1	-/1	-/1
4"	15.184	20.583	25.982	31.381	42.180	52.978	63.777
	-/1	-/1	-/1	-/1	-/1	-/1	-/1
6"	28.458	34.782	39.677	45.940	56.910	66.402	79.354
	-/1	-/1	-/1	-/1	-/1	-/1	-/1

Schedule 40 Welded Assortments

Size	Part Number		Package Contents of Each Nipple Size											Total Pieces	Weight
	Black	Galvanized	Close	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"		

Tote Trays

1/2"	83NA4004C	84NA4004C	6	6	6	6	6	6	6	6	6	6	6	6	66	15
3/4"	83NA4006C	84NA4006C	6	6	6	6	6	6	6	6	6	6	6	6	66	19
1"	83NA4010C	84NA4010C	6	6	6	6	6	6	6	6	6	6	6	6	60	25

B Assortments

1-1/4"	83NB4012C	84NB4012C	6		6	6	6	6	6	6	6	6	6	6	60	37
1-1/2"	83NB4014C	84NB4014C	6		6	6	6	6	6	6	6	6	6	6	60	45
2"	83NB4020C	84NB4020C	6		6	6	6	6	6	6	6	6	6	6	54	58

25 piece D Assortments

1/2"	83ND4004C	84ND4004C	4	3	3	3	2	2	2	1	2	1	2	25	5
3/4"	83ND4006C	84ND4006C	6		4	3	2	2	2	1	2	1	2	25	7
1"	83ND4010C	84ND4010C	5		5	3	2	2	2	1	2	1	2	25	10
1-1/4"	83ND4012C	84ND4012C	5		5	3	2	2	2	1	2	1	2	25	12
1-1/2"	83ND4014C	84ND4014C	5		5	3	2	2	2	1	2	1	2	25	15
2"	83ND4020C	84ND4020C	6			3	3	2	3	1	3	1	3	25	22

Single-Run Assortments Thru 6"

1/4"	83SR4002C	84SR4002C	1	1	1	1	1	1	1	1	1	1	1	1	11	1
3/8"	83SR4003C	84SR4003C	1	1	1	1	1	1	1	1	1	1	1	1	11	2
1/2"	83SR4004C	84SR4004C	1	1	1	1	1	1	1	1	1	1	1	1	11	2
3/4"	83SR4006C	84SR4006C	1	1	1	1	1	1	1	1	1	1	1	1	11	3
1"	83SR4010C	84SR4010C	1		1	1	1	1	1	1	1	1	1	1	10	4
1-1/4"	83SR4012C	84SR4012C	1		1	1	1	1	1	1	1	1	1	1	10	7
1-1/2"	83SR4014C	84SR4014C	1		1	1	1	1	1	1	1	1	1	1	10	8
2"	83SR4020C	84SR4020C	1			1	1	1	1	1	1	1	1	1	9	10

Single-Run Assortments Thru 12"

Size	Part Number	Package Contents of Each Nipple Size															Total Pieces	Weight			
		Black	Close	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"
1/2"	83SR4004C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17	6
3/4"	83SR4006C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17	8
1"	83SR4010C	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16	11
1-1/4"	83SR4012C	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16	16
1-1/2"	83SR4014C	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16	19
2"	83SR4020C	1			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15	26

Specialty Schedule 40 Nipples

Size	Part Number		Packing		Weight
	Black	Galvanized	Inner	Master	

Right and Left Nipples

1/2" x 4"	83RL4004040C	84RL4004040C	25	200	0.26
3/4" x 4"	83RL4006040C	84RL4006040C	25	150	0.34
1" x 4"	83RL4010040C	84RL4010040C	25	100	0.45
1-1/4" x 4"	83RL4012040C	84RL4012040C	25	50	0.65
1-1/2" x 4"	83RL4014040C	84RL4014040C	25	50	0.78
2" x 4"	83RL4020040C	84RL4020040C	-	25	1.07

Tank Legs

1-1/4 x 10	83TL4012100C	-	-	-	1.89
1-1/2 x 12	83TL4014120C	-	-	-	2.27

Weight per Each (lb)
Packing (Inner/Master)

Schedule 80 Extra Heavy Welded Nipples

Size	Close Length	Close	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"	3/4"	0.015	0.035	0.049	0.065	0.075	0.088	0.099	0.110	0.123	0.142	0.155	0.181	0.199	0.224	0.247	0.271	0.297
		25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/300	25/200	25/200	25/200
1/4"	7/8"	0.027	0.054	0.081	0.102	0.126	0.147	0.167	0.187	0.211	0.240	0.265	0.308	0.353	0.393	0.428	0.450	0.480
		25/400	25/400	25/400	25/400	25/400	25/400	25/300	25/300	25/300	25/200	25/200	25/150	25/150	25/150	25/100	25/100	25/100
3/8"	1"	0.045	0.081	0.103	0.145	0.176	0.209	0.240	0.274	0.306	0.334	0.368	0.429	0.468	0.527	0.585	0.644	0.702
		25/400	25/400	25/400	25/400	25/300	25/300	25/200	25/200	25/200	25/150	25/150	25/150	25/100	25/100	25/100	25/100	25/100
1/2"	1-1/8"	0.079	0.112	0.149	0.198	0.242	0.289	0.352	0.386	0.424	0.485	0.515	0.600	0.705	0.725	0.892	0.985	1.045
		25/400	25/400	25/400	25/300	25/200	25/200	25/150	25/150	25/150	25/100	25/100	25/100	25/75	25/75	25/50	25/50	25/50
3/4"	1-3/8"	0.137	0.156	0.217	0.280	0.335	0.402	0.462	0.525	0.585	0.646	0.707	0.833	0.959	1.088	1.212	1.336	1.459
		25/400	25/400	25/200	25/200	25/150	25/150	25/100	25/100	25/100	25/75	25/75	25/75	25/50	25/50	25/50	25/50	20/40
1"	1-1/2"	0.206		0.309	0.393	0.478	0.576	0.674	0.756	0.864	0.956	1.046	1.256	1.429	1.623	1.803	2.021	2.176
		25/200		25/200	25/150	25/100	25/100	25/75	25/75	25/50	25/50	25/50	25/50	20/40	20/40	15/30	15/30	15/30
1-1/4"	1-5/8"	0.313		0.421	0.550	0.652	0.793	0.921	1.058	1.177	1.311	1.428	1.666	1.842	1.542	2.468	2.715	2.988
		25/150		25/100	25/100	25/75	25/50	25/50	25/50	25/50	20/40	20/40	15/30	15/30	15/30	-/20	-/20	-/20
1-1/2"	1-3/4"	0.406		0.487	0.632	0.771	0.939	1.082	1.245	1.384	1.586	1.707	2.038	2.336	2.628	2.884	3.334	3.570
		25/100		25/100	25/50	25/50	25/50	25/50	-/50	-/40	-/32	-/32	-/25	-/20	-/20	-/10	-/10	-/10
2"	2"	0.661			0.890	1.086	1.285	1.514	1.765	1.988	2.237	2.351	2.013	3.165	3.588	4.004	4.404	4.898
		25/50			25/50	-/50	-/25	-/25	-/25	-/25	-/25	-/25	-/18	-/18	-/15	-/12	-/12	-/12
2-1/2"	2-1/2"	1.192				1.492	1.743	2.051	2.373	2.666	2.975	3.332	3.888	4.612	5.209	5.907	6.497	7.174
		-/36				-/36	-/27	-/27	-/24	-/18	-/18	-/18	-/14	-/12	-/9	-/9	-/9	-/9
3"	2-5/8"	1.747				2.050	2.473	2.901	3.248	3.735	4.152	4.502	5.291	6.266	7.394	8.000	9.756	10.643
		-/24				-/24	-/18	-/18	-/16	-/12	-/12	-/12	-/9	-/8	-/8	-/8	-/6	-/6
3-1/2"	2-3/4"	2.608						3.794	4.26	4.743	5.217	5.692	6.640	7.589	8.538	9.486	10.435	11.384
		-/15						-/12	-/10	-/8	-/8	-/8	-/5	-/5	-/4	-/4	-/4	-/4
4"	2-7/8"	2.838						4.117	4.711	5.444	6.068	6.310	8.035	9.182	10.330	11.478	12.626	13.774
		-/15						-/12	-/10	-/8	-/8	-/8	-/5	-/5	-/4	-/4	-/4	-/4
5"	3"	4.779						6.372	7.169	7.965	8.762	9.558	11.152	12.745	14.338	15.931	17.524	19.117
		-/1						-/4	-/4	-/2	-/2	-/2	-/2	-/2	-/2	-/2	-/1	-/1
6"	3-1/8"	6.965						8.761	9.856	10.951	12.047	13.142	15.332	17.523	19.713	21.903	24.094	26.284
		-/4						-/4	-/4	-/4	-/2	-/2	-/2	-/2	-/2	-/2	-/1	-/1

Schedule 80 Extra Heavy Welded Assortments

Size	Part Number Black	Package Contents of Each Nipple Size											Total Pieces	Weight		
		Close	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"				
Tote Trays																
1/2"	83NA8004C	6	6	6	6	6	6	6	6	6	6	6	6	6	66	19
3/4"	83NA8006C	6	6	6	6	6	6	6	6	6	6	6	6	6	66	27
1"	83NA8010C	6		6	6	6	6	6	6	6	6	6	6	6	60	38
Single-Run Assortments																
3/8"	83SR8003C	1	1	1	1	1	1	1	1	1	1	1	1	1	11	3
1/2"	83SR8004C	1	1	1	1	1	1	1	1	1	1	1	1	1	11	3
3/4"	83SR8006C	1	1	1	1	1	1	1	1	1	1	1	1	1	11	4
1"	83SR8010C	1		1	1	1	1	1	1	1	1	1	1	1	10	6
1-1/4"	83SR8012C	1		1	1	1	1	1	1	1	1	1	1	1	10	8
1-1/2"	83SR8014C	1		1	1	1	1	1	1	1	1	1	1	1	10	10
2"	83SR8020C	1			1	1	1	1	1	1	1	1	1	1	9	13

Weight per Each (lb)
Packing (Inner/Master)

Schedule 80 Extra Heavy Seamless

Size	Close Length	Close	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"	3/4"	0.015	0.035	0.049	0.065	0.075	0.088	0.099	0.110	0.123	0.142	0.155	0.181	0.199	0.224	0.247	0.271	0.297
		25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/300	25/200	25/200	25/200
1/4"	7/8"	0.027	0.054	0.081	0.102	0.126	0.147	0.167	0.187	0.211	0.240	0.265	0.308	0.353	0.393	0.428	0.450	0.480
		25/400	25/400	25/400	25/400	25/400	25/400	25/300	25/300	25/300	25/200	25/200	25/200	25/150	25/150	25/150	25/100	25/100
3/8"	1"	0.045	0.081	0.103	0.145	0.176	0.209	0.240	0.274	0.306	0.334	0.368	0.429	0.468	0.527	0.585	0.644	0.702
		25/400	25/400	25/400	25/400	25/300	25/300	25/200	25/200	25/200	25/150	25/150	25/150	25/100	25/100	25/100	25/100	25/100
1/2"	1-1/8"	0.079	0.112	0.149	0.198	0.242	0.289	0.352	0.386	0.424	0.485	0.515	0.600	0.705	0.725	0.892	0.985	1.045
		25/400	25/400	25/400	25/300	25/200	25/200	25/150	25/150	25/150	25/100	25/100	25/100	25/75	25/75	25/50	25/50	25/50
3/4"	1-3/8"	0.137	0.156	0.217	0.280	0.335	0.402	0.462	0.525	0.585	0.646	0.707	0.833	0.959	1.088	1.212	1.336	1.459
		25/400	25/400	25/200	25/200	25/150	25/150	25/100	25/100	25/100	25/75	25/75	25/75	25/50	25/50	25/50	20/40	20/40
1"	1-1/2"	0.206		0.309	0.393	0.478	0.576	0.674	0.756	0.864	0.956	1.046	1.256	1.429	1.623	1.803	2.021	2.176
		25/200		25/200	25/150	25/100	25/100	25/75	25/75	25/50	25/50	25/50	25/50	20/40	20/40	15/30	15/30	15/30
1-1/4"	1-5/8"	0.313		0.421	0.550	0.652	0.793	0.921	1.058	1.177	1.311	1.428	1.666	1.842	1.542	2.468	2.715	2.988
		25/150		25/100	25/100	25/75	25/50	25/50	25/50	25/50	20/40	20/40	15/30	15/30	15/30	- /20	- /20	- /20
1-1/2"	1-3/4"	0.406		0.487	0.632	0.771	0.939	1.082	1.245	1.384	1.586	1.707	2.038	2.336	2.628	2.884	3.334	3.570
		25/100		25/100	25/50	25/50	25/50	25/50	- /50	- /40	- /32	- /32	- /25	- /20	- /20	- /20	- /10	- /10
2"	2"	0.661			0.890	1.086	1.285	1.514	1.765	1.988	2.237	2.351	2.013	3.165	3.588	4.004	4.404	4.898
		25/50			25/50	- /50	- /25	- /25	- /25	- /25	- /25	- /25	- /18	- /18	- /15	- /12	- /12	- /12
2-1/2"	2-1/2"	1.192				1.492	1.743	2.051	2.373	2.666	2.975	3.332	3.888	4.612	5.209	5.907	6.497	7.174
		- /36				- /36	- /27	- /27	- /24	- /18	- /18	- /18	- /14	- /12	- /9	- /9	- /9	- /9
3"	2-5/8"	1.747				2.050	2.473	2.901	3.248	3.735	4.152	4.502	5.291	6.266	7.394	8.000	9.756	10.643
		- /24				- /24	- /18	- /18	- /16	- /12	- /12	- /12	- /9	- /8	- /8	- /6	- /6	- /6
4"	2-7/8"	2.838						4.117	4.711	5.444	6.068	6.310	8.035	9.182	10.330	11.478	12.626	13.774
		- /15						- /12	- /10	- /8	- /8	- /8	- /5	- /5	- /4	- /4	- /4	- /4

Schedule 80 Extra Heavy Seamless Single-Run Assortments

Size	Part Number Black	Package Contents of Each Nipple Size											Total Pieces	Weight		
		Close	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"				
1/2"	73SR8004C	1	1	1	1	1	1	1	1	1	1	1	1	1	11	3
3/4"	73SR8006C	1	1	1	1	1	1	1	1	1	1	1	1	1	11	4
1"	73SR8010C	1	1	1	1	1	1	1	1	1	1	1	1	1	11	6
1-1/4"	73SR8012C	1	1	1	1	1	1	1	1	1	1	1	1	1	11	9
1-1/2"	73SR8014C	1		1	1	1	1	1	1	1	1	1	1	1	11	10
2"	73SR8020C	1		1	1	1	1	1	1	1	1	1	1	1	10	13
2-1/2"	73SR8024C	1		1	1	1	1	1	1	1	1	1	1	1	10	18
3"	73SR8030C	1		1	1	1	1	1	1	1	1	1	1	1	10	25
4"	73SR8040C	1			1	1	1	1	1	1	1	1	1	1	9	29

Double Extra Heavy Seamless Nipples

Weight per Each (lb)
Packing (Inner/Master)

Double Extra Heavy Seamless Nipples

Size	Close	Close	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"
1/2"	1-1/8"	0.160	0.214	0.295	0.362	0.431	0.508	0.579	0.640	0.711	0.781	0.865	1.004	1.145	1.281	1.423	1.575	1.721
		25/200	25/200	25/200	25/150	25/100	25/100	25/75	25/75	25/75	25/50	25/50	25/50	-/25	-/25	-/25	-/25	-/25
3/4"	1-3/8"	0.280	0.307	0.407	0.506	0.601	0.705	0.807	0.908	1.030	1.123	1.222	1.420	1.635	1.831	2.036	2.240	2.400
		-/200	-/200	-/100	-/100	-/75	-/75	-/50	-/50	-/50	-/40	-/40	-/40	-/25	-/25	-/25	-/20	-/20
1"	1-1/2"	0.468		0.617	0.761	0.926	1.078	1.223	1.371	1.535	1.687	1.836	2.134	2.442	2.752	3.050	3.361	3.661
		-/100		-/100	-/75	-/50	-/50	-/40	-/40	-/25	-/25	-/25	-/20	-/20	-/15	-/15	-/15	
1-1/4"	1-5/8"	0.701		0.872	1.088	1.309	1.526	1.733	1.954	2.178	2.389	2.601	2.134	3.476	3.922	4.332	3.363	5.221
		-/75		-/50	-/50	-/40	-/25	-/25	-/25	-/20	-/20	-/15	-/15	-/15	-/10	-/10	-/10	
1-1/2"	1-3/4"	0.931		1.072	1.338	1.607	1.877	2.135	2.454	2.670	2.931	3.204	3.745	4.278	4.813	5.373	3.368	6.485
		-/50		-/50	-/25	-/25	-/25	-/25	-/20	-/16	-/16	-/12	-/10	-/10	-/5	-/5		
2"	2"	1.515			1.885	2.268	2.639	3.012	3.394	3.767	4.145	4.528	5.277	6.022	6.777	7.538	8.289	9.043
		-/25			-/20	-/10	-/15	-/10	-/10	-/10	-/5	-/10	-/5	-/5	-/5	-/5	-/5	
2-1/2"	2-1/2"	2.928				3.545	4.087	4.671	5.250	5.837	6.427	6.964	8.122	9.283	10.445	11.605	12.76	13.925
		-/18				-/18	-/13	-/13	-/13	-/9	-/9	-/9	-/7	-/6	-/4	-/4	-/4	
3"	2-5/8"	4.160				4.171	5.545	6.333	7.134	7.926	8.718	9.557	12.391	14.161	15.487	17.701	18.58	21.241
		-/12				-/12	-/9	-/9	-/8	-/6	-/6	-/4	-/4	-/4	-/4	-/4	-/3	
4"	2-7/8"	6.474						9.002	10.134	11.252	12.381	13.554	16.125	18.428	20.711	23.004	25.300	27.600
		-/7						-/6	-/5	-/4	-/4	-/4	-/2	-/2	-/2	-/2	-/2	

Technical Information

Nominal Pipe Size	Outside Diameter	Sch 40 Wall Thickness	Sch 80 Wall Thickness	XXS Wall Thickness
1/8"	0.405	0.068	0.095	N/A
1/4"	0.540	0.088	0.119	N/A
3/8"	0.675	0.091	0.126	N/A
1/2"	0.840	0.109	0.147	N/A
3/4"	1.050	0.113	0.154	N/A
1"	1.315	0.133	0.179	0.358
1-1/4"	1.660	0.140	0.191	0.382
1-1/2"	1.900	0.145	0.200	0.400
2"	2.375	0.154	0.218	0.436
2-1/2"	2.875	0.203	0.276	0.552
3"	3.500	0.216	0.300	0.600
3-1/2"	4.000	0.226	N/A	N/A
4"	4.500	0.237	0.337	0.674
5"	5.563	0.258	0.375	N/A
6"	6.625	0.280	0.432	N/A
8"	8.625	0.322	0.500	N/A

Steel Nipple Part Numbers

83 NI 4 020 120 C

Product Group	
83	Black
84	Galvanized

Configuration	
NI	Nipples
RL	Right and Left

Pressure Rating	
4	Schedule 40
8	Schedule 80
X	XXH

Diameter

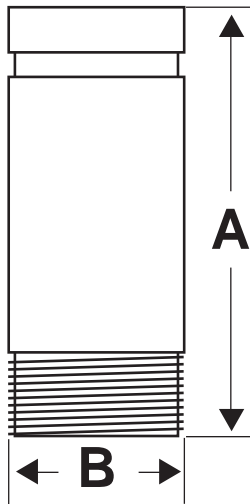
Length

Country of Origin	
	USA
C	China
U	China w/ Bar Code Label

Size	
001	1/8"
002	1/4"
003	3/8"
004	1/2"
006	3/4"
007	7/8"
010	1"
011	1-1/8"
012	1-1/4"
013	1-3/8"
014	1-1/2"
015	1-5/8"
016	1-3/4"
020	2"
024	2-1/2"
030	3"
034	3-1/2"
040	4"
044	4-1/2"
050	5"
054	5-1/2"
060	6"
070	7"
080	8"
090	9"
100	10"
110	11"
120	12"
180	18"
240	24"
300	30"
360	36"
480	48"
600	60"
720	72"



Size	Length	Part Number	Dimension (in)			Weight (lb)	Packaging	
			A	B	TPI		Inner	Master



Schedule 40 Threaded x Grooved

1	4	61TG4010040	4.000	1.320	11.5	0.498	-	100
1-1/4	4	61TG4012040	4.000	1.660	11.5	0.678	-	50
1-1/2	4	61TG4014040	4.000	1.900	11.5	0.799	-	50
1-1/2	12	61TG4014120	12.000	1.900	11.5	2.626	-	15
2	3	61TG4020030	3.000	2.380	11.5	0.752	-	50
2	4	61TG4020040	4.000	2.380	11.5	1.099	-	25
2	6	61TG4020060	6.000	2.380	11.5	1.708	-	25
2	8	61TG4020080	8.000	2.380	11.5	2.316	-	18
2	10	61TG4020100	10.000	2.380	11.5	2.926	-	14
2	12	61TG4020120	12.000	2.380	11.5	3.535	-	14
2-1/2	4	61TG4024040	4.000	2.880	8.0	1.617	-	27
2-1/2	12	61TG4024120	12.000	2.880	8.0	5.539	-	9
3	2-5/8	61TG4030025	2.625	3.500	8.0	1.326	-	24
3	3	61TG4030030	3.000	3.500	8.0	1.511	-	24
3	4	61TG4030040	4.000	3.500	8.0	2.107	-	18
3	6	61TG4030060	6.000	3.500	8.0	3.459	-	12
3	8	61TG4030080	8.000	3.500	8.0	4.723	-	8
3	10	61TG4030100	10.000	3.500	8.0	5.988	-	6
3	12	61TG4030120	12.000	3.500	8.0	7.252	-	6
4	3	61TG4040030	3.000	4.500	8.0	1.697	-	12
4	4	61TG4040040	4.000	4.500	8.0	2.601	-	12
4	6	61TG4040060	6.000	4.500	8.0	4.937	-	8
4	8	61TG4040080	8.000	4.500	8.0	6.736	-	5
4	10	61TG4040100	10.000	4.500	8.0	8.535	-	4
4	12	61TG4040120	12.000	4.500	8.0	10.335	-	4
5	6	61TG4050060	6.000	5.560	8.0	6.636	-	2
5	12	61TG4050120	12.000	5.560	8.0	13.949	-	1
6	6	61TG4060060	6.000	6.630	8.0	8.626	-	2
6	12	61TG4060120	12.000	6.630	8.0	18.118	-	1
8	6	61TG4080060	6.000	8.630	8.0	13.257	-	1
8	12	61TG4080120	12.000	8.630	8.0	27.549	-	1

Schedule 80 Threaded x Grooved

2	3	61TG8020030	3.000	2.380	11.5	1.136	-	50
2	4	61TG8020040	4.000	2.380	11.5	1.555	-	25
2	6	61TG8020060	6.000	2.380	11.5	2.393	-	25
2	8	61TG8020080	8.000	2.380	11.5	3.230	-	18
2	10	61TG8020100	10.000	2.380	11.5	4.067	-	12
2	12	61TG8020120	12.000	2.380	11.5	4.905	-	12
3	2-5/8	61TG8030025	2.625	3.500	8.0	1.911	-	24
3	3	61TG8030030	3.000	3.500	8.0	2.231	-	24
3	4	61TG8030040	4.000	3.500	8.0	3.086	-	18
3	6	61TG8030060	6.000	3.500	8.0	4.796	-	12
3	8	61TG8030080	8.000	3.500	8.0	6.505	-	8
3	10	61TG8030100	10.000	3.500	8.0	8.215	-	6
3	12	61TG8030120	12.000	3.500	8.0	9.925	-	6
4	3	61TG8040030	3.000	4.500	8.0	3.287	-	12
4	4	61TG8040040	4.000	4.500	8.0	4.537	-	12
4	6	61TG8040060	6.000	4.500	8.0	7.036	-	8
4	8	61TG8040080	8.000	4.500	8.0	9.535	-	5
4	10	61TG8040100	10.000	4.500	8.0	12.034	-	4
4	12	61TG8040120	12.000	4.500	8.0	14.533	-	4

*All Grooves are Cut Grooved

	Size	Length	Part Number	Dimension (in)			Weight (lb)	Packaging	
				A	B	C		Inner	Master

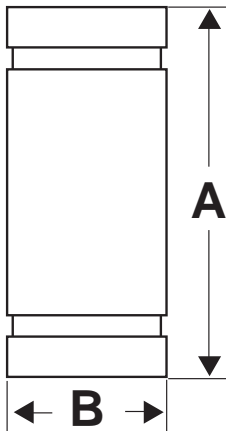


Schedule 40 Grooved x Grooved

2	3	61GG4020030	3.000	2.380	-	0.826	-	50
2	4	61GG4020040	4.000	2.380	-	1.138	-	50
2	6	61GG4020060	6.000	2.380	-	1.747	-	25
2	8	61GG4020080	8.000	2.380	-	2.356	-	18
2	10	61GG4020100	10.000	2.380	-	2.965	-	14
2	12	61GG4020120	12.000	2.380	-	3.574	-	14
3	2-5/8	61GG4030025	2.625	3.500	-	1.541	-	24
3	3	61GG4030030	3.000	3.500	-	1.778	-	24
3	4	61GG4030040	4.000	3.500	-	2.410	-	18
3	6	61GG4030060	6.000	3.500	-	3.674	-	12
3	8	61GG4030080	8.000	3.500	-	4.938	-	8
3	10	61GG4030100	10.000	3.500	-	6.202	-	6
3	12	61GG4030120	12.000	3.500	-	7.466	-	6
4	3	61GG4040030	3.000	4.500	-	2.449	-	12
4	4	61GG4040040	4.000	4.500	-	3.349	-	12
4	6	61GG4040060	6.000	4.500	-	5.148	-	8
4	8	61GG4040080	8.000	4.500	-	6.947	-	5
4	10	61GG4040100	10.000	4.500	-	8.747	-	4
4	12	61GG4040120	12.000	4.500	-	10.334	-	4

Schedule 80 Grooved x Grooved

2	3	61GG8020030	3.000	2.380	-	1.176	-	50
2	4	61GG8020040	4.000	2.380	-	1.595	-	25
2	6	61GG8020060	6.000	2.380	-	2.433	-	25
2	8	61GG8020080	8.000	2.380	-	3.270	-	18
2	10	61GG8020100	10.000	2.380	-	4.107	-	12
2	12	61GG8020120	12.000	2.380	-	4.945	-	12
3	2-5/8	61GG8030025	2.625	3.500	-	2.125	-	24
3	3	61GG8030030	3.000	3.500	-	2.446	-	24
3	4	61GG8030040	4.000	3.500	-	3.301	-	18
3	6	61GG8030060	6.000	3.500	-	5.010	-	12
3	8	61GG8030080	8.000	3.500	-	6.720	-	8
3	10	61GG8030100	10.000	3.500	-	8.469	-	6
3	12	61GG8030120	12.000	3.500	-	10.139	-	6
4	3	61GG8040030	3.000	4.500	-	3.499	-	12
4	4	61GG8040040	4.000	4.500	-	4.748	-	12
4	6	61GG8040060	6.000	4.500	-	7.247	-	8
4	8	61GG8040080	8.000	4.500	-	9.746	-	5
4	10	61GG8040100	10.000	4.500	-	12.245	-	4
4	12	61GG8040120	12.000	4.500	-	14.745	-	4



*All Grooves are Cut Grooved

Notes



Forged Steel Fittings & Outlets

1/8" – 4" Threaded & S/W
2000#, 3000#, 6000#



COOPLOK™ Grooved

UL/FM Couplings – Flexible & Rigid
Mechanical Tees, Fittings & Flanged Adapters



Ductile Iron Threaded Fittings

1/2" – 2-1/2" Class 300
UL/FM @ 500 PSI



Merchant Steel Couplings & Fittings

1/8" – 12" STD-XH
Full, Half, API Style



Valves

Carbon Steel – Stainless – Brass
1/4" – 4"



Cast Iron Threaded Fittings

1/2" – 2-1/2" Class 125
UL/FM @ 300 PSI



Malleable Iron Pipe Fittings

1/8" – 8" Black & Galvanized
UL/FM 150# & 300#



**Bronze Fittings & Flanges
Brass Nipples & Pipe**

1/8" – 6" 125#



**COOPLET® Weld Outlets
and Adapter Nipples**

UL/FM 300# Welded Outlet
Threaded 1/2" to 4", Grooved 1-1/4" to 6"



Cast Iron Flanged Fittings & Flanges

Flanged Fittings 1" to 30", 125# & 250#
Cast Iron 125#, 250#, Flanges
Blind, Threaded, Reducing Threaded



Butterfly & Gate Valves

Lug & Wafer Flanged, Mechanical
Joint, Threaded,
Push-On, Check



Nipples

1/8" – 8" Black & Galvanized
Welded – Seamless
Schedule 40, 80, and XXH, Brass Schedule 40

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