



STEEL NIPPLES

S40 & S80 Steel Nipple Product Specifications



- ✘ *Manufacturing Facility is ISO9001:2000*
- ✘ *Welded Steel Pipe Conform to ASTM A53*
- ✘ *Threads Conform to ASME B1.20.1*



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MSI Sch. 40 Steel Nipple Product Specifications



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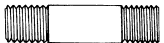

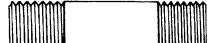


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THREADS: ANSI / ASME B1.20.1

MATERIAL: ASTM A53

1/8" NPT S40 .405 OD / .068 wall		Inner Carton	Master Case	Weight per 100 pcs	Black Item Number	Galvanized Item Number
	Close (3/4")	25	600	1.00	A2770002C	A2870002C
	1 1/2"	25	600	2.70	A27700021.5	A28700021.5
	2"	25	600	3.70	A27700022.0	A28700022.0
	2 1/2"	25	600	4.80	A27700022.5	A28700022.5
	3"	25	600	5.90	A27700023.0	A28700023.0
	3 1/2"	25	600	6.90	A27700023.5	A28700023.5
	4"	25	600	8.00	A27700024.0	A28700024.0
	4 1/2"	25	400	9.10	A27700024.5	A28700024.5
	5"	25	400	10.10	A27700025.0	A28700025.0
	5 1/2"	25	400	11.20	A27700025.5	A28700025.5
	6"	25	400	12.30	A27700026.0	A28700026.0
	7"	25	200	14.00	A27700027.0	A28700027.0
	8"	25	200	15.60	A27700028.0	A28700028.0
	9"	25	200	17.00	A27700029.0	A28700029.0
10"	25	150	18.80	A277000210.0	A287000210.0	
11"	25	150	20.40	A277000211.0	A287000211.0	
12"	25	150	22.00	A277000212.0	A287000212.0	
1/4" NPT S40 .540 OD / .088 wall		Inner Carton	Master Case	Weight per 100 pcs	Black Item Number	Galvanized Item Number
	Close (7/8")	25	600	2.30	A2770004C	A2870004C
	1 1/2"	25	600	4.40	A27700041.5	A28700041.5
	2"	25	600	6.40	A27700042.0	A28700042.0
	2 1/2"	25	600	8.50	A27700042.5	A28700042.5
	3"	25	600	10.60	A27700043.0	A28700043.0
	3 1/2"	25	400	12.60	A27700043.5	A28700043.5
	4"	25	400	14.50	A27700044.0	A28700044.0
	4 1/2"	25	400	16.40	A27700044.5	A28700044.5
	5"	25	300	18.30	A27700045.0	A28700045.0
	5 1/2"	25	300	20.10	A27700045.5	A28700045.5
	6"	25	300	22.00	A27700046.0	A28700046.0
	7"	25	200	24.60	A27700047.0	A28700047.0
	8"	25	200	27.20	A27700048.0	A28700048.0
	9"	25	200	29.80	A27700049.0	A28700049.0
10"	25	150	32.40	A277000410.0	A287000410.0	
11"	25	150	35.00	A277000411.0	A287000411.0	
12"	25	150	37.60	A277000412.0	A287000412.0	
3/8" NPT S40 .675 OD / .091 wall		Inner Carton	Master Case	Weight per 100 pcs	Black Item Number	Galvanized Item Number
	Close (1")	25	600	3.30	A2770006C	A2870006C
	1 1/2"	25	600	6.00	A27700061.5	A28700061.5
	2"	25	600	8.60	A27700062.0	A28700062.0
	2 1/2"	25	400	11.10	A27700062.5	A28700062.5
	3"	25	400	13.70	A27700063.0	A28700063.0
	3 1/2"	25	400	16.20	A27700063.5	A28700063.5
	4"	25	300	18.80	A27700064.0	A28700064.0
	4 1/2"	25	300	21.40	A27700064.5	A28700064.5
	5"	25	300	24.00	A27700065.0	A28700065.0
	5 1/2"	25	200	26.50	A27700065.5	A28700065.5
	6"	25	200	29.10	A27700066.0	A28700066.0
	7"	25	200	33.00	A27700067.0	A28700067.0
	8"	25	150	37.00	A27700068.0	A28700068.0
	9"	25	150	41.00	A27700069.0	A28700069.0
10"	25	100	45.00	A277000610.0	A287000610.0	
11"	25	100	49.00	A277000611.0	A287000611.0	
12"	25	100	53.00	A277000612.0	A287000612.0	

Steel Pipe Conforms to ASTM A53; Steel Nipples Conform to ASTM A733; NPT Threading Conforms to ASME B1.20.1

MSI Sch. 40 Steel Nipple Product Specifications

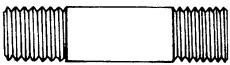
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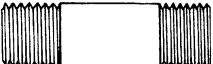
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THREADS: ANSI / ASME B1.20.1

MATERIAL: ASTM A53

1/2" NPT S40 .840 OD / .109 wall		Inner Carton	Master Case	Weight per 100 pcs	Black Item Number	Galvanized Item Number
	Length					
	Close (1-1/8")	25	600	5.00	A2770008C	A2870008C
	1 1/2"	25	600	7.70	A27700081.5	A28700081.5
	2"	25	600	11.00	A27700082.0	A28700082.0
	2 1/2"	25	400	14.60	A27700082.5	A28700082.5
	3"	25	400	17.80	A27700083.0	A28700083.0
	3 1/2"	25	300	21.20	A27700083.5	A28700083.5
	4"	25	300	24.50	A27700084.0	A28700084.0
	4 1/2"	25	200	27.90	A27700084.5	A28700084.5
	5"	25	200	31.20	A27700085.0	A28700085.0
	5 1/2"	25	200	34.60	A27700085.5	A28700085.5
	6"	25	200	37.90	A27700086.0	A28700086.0
	7"	25	100	45.00	A27700087.0	A28700087.0
	8"	25	100	52.00	A27700088.0	A28700088.0
9"	25	100	59.00	A27700089.0	A28700089.0	
10"	25	75	66.00	A277000810.0	A287000810.0	
11"	25	75	73.00	A277000811.0	A287000811.0	
12"	25	75	80.00	A277000812.0	A287000812.0	

3/4" NPT S40 1.050 OD / .113 wall		Inner Carton	Master Case	Weight per 100 pcs	Black Item Number	Galvanized Item Number
	Length					
	Close (1-3/8")	25	400	8.70	A2770012C	A2870012C
	1 1/2"	25	400	11.50	A27700121.5	A28700121.5
	2"	25	300	14.20	A27700122.0	A28700122.0
	2 1/2"	25	300	18.60	A27700122.5	A28700122.5
	3"	25	200	23.60	A27700123.0	A28700123.0
	3 1/2"	25	200	28.80	A27700123.5	A28700123.5
	4"	25	150	34.00	A27700124.0	A28700124.0
	4 1/2"	25	150	39.20	A27700124.5	A28700124.5
	5"	25	100	44.40	A27700125.0	A28700125.0
	5 1/2"	25	100	49.60	A27700125.5	A28700125.5
	6"	25	100	54.80	A27700126.0	A28700126.0
	7"	25	75	62.80	A27700127.0	A28700127.0
	8"	25	75	70.60	A27700128.0	A28700128.0
9"	25	75	78.40	A27700129.0	A28700129.0	
10"	25	50	86.20	A277001210.0	A287001210.0	
11"	25	50	94.00	A277001211.0	A287001211.0	
12"	25	50	102.00	A277001212.0	A287001212.0	

1" NPT S40 1.315 OD / .133 wall		Inner Carton	Master Case	Weight per 100 pcs	Black Item Number	Galvanized Item Number
	Length					
	Close (1-1/2")	25	300	14.80	A2770016C	A2870016C
	2"	25	200	19.80	A27700162.0	A28700162.0
	2 1/2"	25	200	27.80	A27700162.5	A28700162.5
	3"	25	150	34.60	A27700163.0	A28700163.0
	3 1/2"	25	150	41.80	A27700163.5	A28700163.5
	4"	25	100	47.60	A27700164.0	A28700164.0
	4 1/2"	25	100	54.80	A27700164.5	A28700164.5
	5"	25	100	60.40	A27700165.0	A28700165.0
	5 1/2"	25	75	67.80	A27700165.5	A28700165.5
	6"	25	75	73.40	A27700166.0	A28700166.0
	7"	25	50	86.40	A27700167.0	A28700167.0
	8"	25	50	100.00	A27700168.0	A28700168.0
	9"	25	50	113.60	A27700169.0	A28700169.0
10"	25	50	127.20	A277001610.0	A287001610.0	
11"	25	50	140.60	A277001611.0	A287001611.0	
12"	25	50	154.00	A277001612.0	A287001612.0	

Steel Pipe Conforms to ASTM A53; Steel Nipples Conform to ASTM A733; NPT Threading Conforms to ASME B1.20.1

MSI Sch. 40 Steel Nipple Product Specifications



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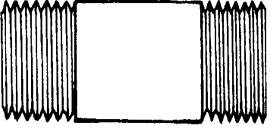
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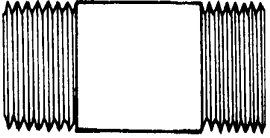
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THREADS: ANSI / ASME B1.20.1

MATERIAL: ASTM A53

1-1/4" NPT S40 1.660 OD / .140 wall		Inner Carton	Master Case	Weight per 100 pcs	Black Item Number	Galvanized Item Number
	Length					
	Close (1-5/8")	25	150	20.20	A2770020C	A2870020C
	2"	25	150	27.80	A27700202.0	A28700202.0
	2 1/2"	25	150	37.00	A27700202.5	A28700202.5
	3"	25	100	48.00	A27700203.0	A28700203.0
	3 1/2"	25	100	56.80	A27700203.5	A28700203.5
	4"	25	100	65.60	A27700204.0	A28700204.0
	4 1/2"	25	75	74.40	A27700204.5	A28700204.5
	5"	25	75	83.20	A27700205.0	A28700205.0
	5 1/2"	25	75	92.00	A27700205.5	A28700205.5
	6"	25	50	100.80	A27700206.0	A28700206.0
	7"	25	50	120.80	A27700207.0	A28700207.0
	8"	25	50	139.20	A27700208.0	A28700208.0
9"	25	50	158.40	A27700209.0	A28700209.0	
10"	20	40	177.60	A277002010.0	A287002010.0	
11"	20	40	198.60	A277002011.0	A287002011.0	
12"	15	30	216.00	A277002012.0	A287002012.0	

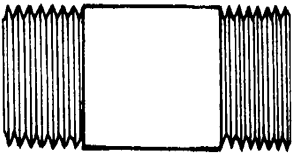
1-1/2" NPT S40 1.900 OD / .145 wall		Inner Carton	Master Case	Weight per 100 pcs	Black Item Number	Galvanized Item Number
	Length					
	Close (1-3/4")	25	100	29.20	A2770024C	A2870024C
	2"	25	75	33.60	A27700242.0	A28700242.0
	2 1/2"	25	75	45.60	A27700242.5	A28700242.5
	3"	25	50	55.20	A27700243.0	A28700243.0
	3 1/2"	25	50	66.40	A27700243.5	A28700243.5
	4"	25	50	78.00	A27700244.0	A28700244.0
	4 1/2"	25	50	89.20	A27700244.5	A28700244.5
	5"	25	50	100.40	A27700245.0	A28700245.0
	5 1/2"	25	50	112.00	A27700245.5	A28700245.5
	6"	25	50	123.20	A27700246.0	A28700246.0
	7"	20	40	142.50	A27700247.0	A28700247.0
	8"	20	40	165.00	A27700248.0	A28700248.0
9"	15	30	187.50	A27700249.0	A28700249.0	
10"	15	30	210.00	A277002410.0	A287002410.0	
11"	20	20	232.50	A277002411.0	A287002411.0	
12"	20	20	255.00	A277002412.0	A287002412.0	

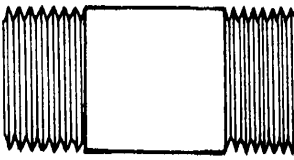
2" NPT S40 2.375 OD / .154 wall		Inner Carton	Master Case	Weight per 100 pcs	Black Item Number	Galvanized Item Number
	Length					
	Close (2")	25	75	43.40	A2770032C	A2870032C
	2 1/2"	25	50	56.80	A27700322.5	A28700322.5
	3"	25	50	69.60	A27700323.0	A28700323.0
	3 1/2"	20	40	83.20	A27700323.5	A28700323.5
	4"	20	40	96.80	A27700324.0	A28700324.0
	4 1/2"	20	40	110.40	A27700324.5	A28700324.5
	5"	20	40	124.40	A27700325.0	A28700325.0
	5 1/2"	15	30	138.80	A27700325.5	A28700325.5
	6"	15	30	164.00	A27700326.0	A28700326.0
	7"	20	20	192.50	A27700327.0	A28700327.0
	8"	20	20	215.00	A27700328.0	A28700328.0
	9"	20	20	247.50	A27700329.0	A28700329.0
10"	20	20	280.00	A277003210.0	A287003210.0	
11"	15	15	312.50	A277003211.0	A287003211.0	
12"	15	15	345.00	A277003212.0	A287003212.0	

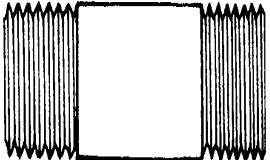
Steel Pipe Conforms to ASTM A53; Steel Nipples Conform to ASTM A733; NPT Threading Conforms to ASME B1.20.1

THREADS: ANSI / ASME B1.20.1

MATERIAL: ASTM A53

2-1/2" NPT S40 2.875 OD / .203 wall		Inner Carton	Master Case	Weight per 100 pcs	Black Item Number	Galvanized Item Number
	Length					
	Close (2-1/2")	20	40	80.00	A2770040C	A2870040C
	3"	20	40	105.00	A27700403.0	A28700403.0
	3 1/2"	15	30	116.00	A27700403.5	A28700403.5
	4"	15	30	141.00	A27700404.0	A28700404.0
	4 1/2"	15	30	164.80	A27700404.5	A28700404.5
	5"	20	20	191.60	A27700405.0	A28700405.0
	5 1/2"	20	20	219.00	A27700405.5	A28700405.5
	6"	20	20	235.00	A27700406.0	A28700406.0
	7"	20	20	275.00	A27700407.0	A28700407.0
	8"	10	10	322.00	A27700408.0	A28700408.0
	9"	10	10	385.00	A27700409.0	A28700409.0
10"	10	10	417.00	A277004010.0	A287004010.0	
11"	10	10	465.00	A277004011.0	A287004011.0	
12"	10	10	505.00	A277004012.0	A287004012.0	

3" NPT S40 3.500 OD / .216 wall		Inner Carton	Master Case	Weight per 100 pcs	Black Item Number	Galvanized Item Number
	Length					
	Close (2-5/8")	15	30	101.00	A2770048C	A2870048C
	3"	20	20	126.00	A27700483.0	A28700483.0
	3 1/2"	15	15	147.00	A27700483.5	A28700483.5
	4"	15	15	180.00	A27700484.0	A28700484.0
	4 1/2"	15	15	205.00	A27700484.5	A28700484.5
	5"	15	15	232.00	A27700485.0	A28700485.0
	5 1/2"	15	15	272.00	A27700485.5	A28700485.5
	6"	10	10	316.90	A27700486.0	A28700486.0
	7"	7	7	378.80	A27700487.0	A28700487.0
	8"	7	7	412.90	A27700488.0	A28700488.0
	9"	7	7	478.00	A27700489.0	A28700489.0
10"	5	5	548.20	A277004810.0	A287004810.0	
11"	5	5	601.00	A277004811.0	A287004811.0	
12"	5	5	670.80	A277004812.0	A287004812.0	

4" NPT S40 4.500 OD / .237 wall		Inner Carton	Master Case	Weight per 100 pcs	Black Item Number	Galvanized Item Number
	Length					
	Close (2-7/8")	20	20	200.00	A2770064C	A2870064C
	3 1/2"	10	10	220.00	A27700643.5	A28700643.5
	4"	8	8	252.50	A27700644.0	A28700644.0
	4 1/2"	8	8	312.00	A27700644.5	A28700644.5
	5"	8	8	347.00	A27700645.0	A28700645.0
	5 1/2"	8	8	375.00	A27700645.5	A28700645.5
	6"	4	4	430.00	A27700646.0	A28700646.0
	7"	4	4	472.00	A27700647.0	A28700647.0
	8"	4	4	588.80	A27700648.0	A28700648.0
	9"	4	4	670.80	A27700649.0	A28700649.0
	10"	4	4	740.00	A277006410.0	A287006410.0
11"	4	4	830.00	A277006411.0	A287006411.0	
12"	2	2	910.00	A277006412.0	A287006412.0	

MSI Sch. 80 Steel Nipple Product Specifications



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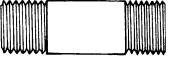


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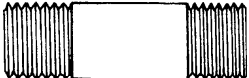
THREADS: ANSI / ASME B1.20.1

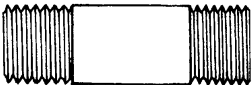
MATERIAL: ASTM A53

1/8" NPT S80		Inner	Master	Weight per	Black Item	Galvanized
.405 OD / .095 wall		Carton	Case	100 pcs	Number	Item Number
	Close (3/4")	25	600	1.40	A2970002C	A7270002C
	1 1/2"	25	600	3.30	A29700021.5	A72700021.5
	2"	25	600	4.40	A29700022.0	A72700022.0
	2 1/2"	25	600	5.60	A29700022.5	A72700022.5
	3"	25	600	6.90	A29700023.0	A72700023.0
	3 1/2"	25	600	8.10	A29700023.5	A72700023.5
	4"	25	600	9.30	A29700024.0	A72700024.0
	4 1/2"	25	400	10.60	A29700024.5	A72700024.5
	5"	25	400	11.80	A29700025.0	A72700025.0
	5 1/2"	25	400	13.10	A29700025.5	A72700025.5
	6"	25	400	14.40	A29700026.0	A72700026.0
	7"	25	200	16.80	A29700027.0	A72700027.0
	8"	25	200	19.20	A29700028.0	A72700028.0
	9"	25	200	21.60	A29700029.0	A72700029.0
10"	25	150	24.00	A297000210.0	A727000210.0	
11"	25	150	26.40	A297000211.0	A727000211.0	
12"	25	150	28.80	A297000212.0	A727000212.0	
1/4" NPT S80		Inner	Master	Weight per	Black Item	Galvanized
.540 OD / .119 wall		Carton	Case	100 pcs	Number	Item Number
	Close (7/8")	25	600	3.00	A2970004C	A7270004C
	1 1/2"	25	600	5.40	A29700041.5	A72700041.5
	2"	25	600	7.70	A29700042.0	A72700042.0
	2 1/2"	25	600	10.00	A29700042.5	A72700042.5
	3"	25	600	12.20	A29700043.0	A72700043.0
	3 1/2"	25	400	14.40	A29700043.5	A72700043.5
	4"	25	400	16.60	A29700044.0	A72700044.0
	4 1/2"	25	400	18.80	A29700044.5	A72700044.5
	5"	25	300	21.10	A29700045.0	A72700045.0
	5 1/2"	25	300	23.30	A29700045.5	A72700045.5
	6"	25	300	25.50	A29700046.0	A72700046.0
	7"	25	200	29.80	A29700047.0	A72700047.0
	8"	25	200	33.80	A29700048.0	A72700048.0
	9"	25	200	38.00	A29700049.0	A72700049.0
10"	25	150	42.20	A297000410.0	A727000410.0	
11"	25	150	46.40	A297000411.0	A727000411.0	
12"	25	150	50.60	A297000412.0	A727000412.0	
3/8" NPT S80		Inner	Master	Weight per	Black Item	Galvanized
.675 OD / .126 wall		Carton	Case	100 pcs	Number	Item Number
	Close (1")	25	600	4.90	A2970006C	A7270006C
	1 1/2"	25	600	8.10	A29700061.5	A72700061.5
	2"	25	600	10.90	A29700062.0	A72700062.0
	2 1/2"	25	400	14.80	A29700062.5	A72700062.5
	3"	25	400	17.00	A29700063.0	A72700063.0
	3 1/2"	25	400	20.00	A29700063.5	A72700063.5
	4"	25	300	23.80	A29700064.0	A72700064.0
	4 1/2"	25	300	26.40	A29700064.5	A72700064.5
	5"	25	300	29.10	A29700065.0	A72700065.0
	5 1/2"	25	200	32.20	A29700065.5	A72700065.5
	6"	25	200	35.30	A29700066.0	A72700066.0
	7"	25	200	41.20	A29700067.0	A72700067.0
	8"	25	150	47.40	A29700068.0	A72700068.0
	9"	25	150	53.60	A29700069.0	A72700069.0
10"	25	100	59.60	A297000610.0	A727000610.0	
11"	25	100	65.80	A297000611.0	A727000611.0	
12"	25	100	72.00	A297000612.0	A727000612.0	

Steel Pipe Conforms to ASTM A53; Steel Nipples Conform to ASTM A733; NPT Threading Conforms to ASME B1.20.1

1/2" NPT S80 .840 OD / .147 wall		Inner Carton	Master Case	Weight per 100 pcs	Black Item Number	Galvanized Item Number
	Length					
	Close (1-1/8")	25	600	7.90	A2970008C	A7270008C
	1 1/2"	25	600	11.10	A29700081.5	A72700081.5
	2"	25	600	15.10	A29700082.0	A72700082.0
	2 1/2"	25	400	19.20	A29700082.5	A72700082.5
	3"	25	400	24.20	A29700083.0	A72700083.0
	3 1/2"	25	300	28.60	A29700083.5	A72700083.5
	4"	25	300	32.10	A29700084.0	A72700084.0
	4 1/2"	25	200	37.80	A29700084.5	A72700084.5
	5"	25	200	42.20	A29700085.0	A72700085.0
	5 1/2"	25	200	46.60	A29700085.5	A72700085.5
	6"	25	200	51.00	A29700086.0	A72700086.0
	7"	25	100	60.40	A29700087.0	A72700087.0
	8"	25	100	69.60	A29700088.0	A72700088.0
9"	25	100	78.80	A29700089.0	A72700089.0	
10"	25	75	88.80	A297000810.0	A727000810.0	
11"	25	75	97.20	A297000811.0	A727000811.0	
12"	25	75	106.40	A297000812.0	A727000812.0	

3/4" NPT S80 1.050 OD / .154 wall		Inner Carton	Master Case	Weight per 100 pcs	Black Item Number	Galvanized Item Number
	Length					
	Close (1-3/8")	25	400	12.00	A2970012C	A7270012C
	1 1/2"	25	400	16.20	A29700121.5	A72700121.5
	2"	25	300	19.70	A29700122.0	A72700122.0
	2 1/2"	25	300	25.30	A29700122.5	A72700122.5
	3"	25	200	30.40	A29700123.0	A72700123.0
	3 1/2"	25	200	36.50	A29700123.5	A72700123.5
	4"	25	150	42.60	A29700124.0	A72700124.0
	4 1/2"	25	150	49.70	A29700124.5	A72700124.5
	5"	25	100	54.80	A29700125.0	A72700125.0
	5 1/2"	25	100	60.90	A29700125.5	A72700125.5
	6"	25	100	67.00	A29700126.0	A72700126.0
	7"	25	75	80.00	A29700127.0	A72700127.0
	8"	25	75	92.50	A29700128.0	A72700128.0
9"	25	75	104.00	A29700129.0	A72700129.0	
10"	25	50	116.00	A297001210.0	A727001210.0	
11"	25	50	128.00	A297001211.0	A727001211.0	
12"	25	50	140.00	A297001212.0	A727001212.0	

1" NPT S80 1.315 OD / .179 wall		Inner Carton	Master Case	Weight per 100 pcs	Black Item Number	Galvanized Item Number
	Length					
	Close (1-1/2")	25	300	21.00	A2970016C	A7270016C
	2"	25	200	29.80	A29700162.0	A72700162.0
	2 1/2"	25	200	39.50	A29700162.5	A72700162.5
	3"	25	150	47.00	A29700163.0	A72700163.0
	3 1/2"	25	150	56.20	A29700163.5	A72700163.5
	4"	25	100	65.40	A29700164.0	A72700164.0
	4 1/2"	25	100	74.60	A29700164.5	A72700164.5
	5"	25	100	83.00	A29700165.0	A72700165.0
	5 1/2"	25	75	93.60	A29700165.5	A72700165.5
	6"	25	75	102.00	A29700166.0	A72700166.0
	7"	25	50	122.00	A29700167.0	A72700167.0
	8"	25	50	141.00	A29700168.0	A72700168.0
	9"	25	50	158.00	A29700169.0	A72700169.0
10"	25	50	176.00	A297001610.0	A727001610.0	
11"	25	50	194.00	A297001611.0	A727001611.0	
12"	25	50	212.00	A297001612.0	A727001612.0	

Steel Pipe Conforms to ASTM A53; Steel Nipples Conform to ASTM A733; NPT Threading Conforms to ASME B1.20.1



MSI Sch. 80 Steel Nipple Product Specifications


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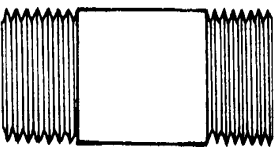
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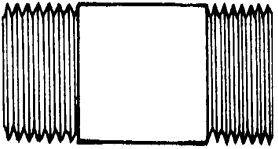
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THREADS: ANSI / ASME B1.20.1

MATERIAL: ASTM A53

1-1/4" NPT S80 1.660 OD / .191 wall		Inner Carton	Master Case	Weight per 100 pcs	Black Item Number	Galvanized Item Number
	Length					
	Close (1-5/8")	25	150	32.80	A2970020C	A7270020C
	2"	25	150	37.60	A29700202.0	A72700202.0
	2 1/2"	25	150	51.80	A29700202.5	A72700202.5
	3"	25	100	63.60	A29700203.0	A72700203.0
	3 1/2"	25	100	75.20	A29700203.5	A72700203.5
	4"	25	100	86.80	A29700204.0	A72700204.0
	4 1/2"	25	75	96.40	A29700204.5	A72700204.5
	5"	25	75	110.00	A29700205.0	A72700205.0
	5 1/2"	25	75	121.60	A29700205.5	A72700205.5
	6"	25	50	132.20	A29700206.0	A72700206.0
	7"	25	50	158.00	A29700207.0	A72700207.0
	8"	25	50	184.00	A29700208.0	A72700208.0
9"	25	50	210.00	A29700209.0	A72700209.0	
10"	20	40	236.00	A297002010.0	A727002010.0	
11"	20	40	262.00	A297002011.0	A727002011.0	
12"	15	30	288.00	A297002012.0	A727002012.0	

1-1/2" NPT S80 1.900 OD / .200 wall		Inner Carton	Master Case	Weight per 100 pcs	Black Item Number	Galvanized Item Number
	Length					
	Close (1-3/4")	25	100	41.80	A2970024C	A7270024C
	2"	25	75	51.40	A29700242.0	A72700242.0
	2 1/2"	25	75	63.20	A29700242.5	A72700242.5
	3"	25	50	81.60	A29700243.0	A72700243.0
	3 1/2"	25	50	96.00	A29700243.5	A72700243.5
	4"	25	50	110.50	A29700244.0	A72700244.0
	4 1/2"	25	50	124.80	A29700244.5	A72700244.5
	5"	25	50	139.20	A29700245.0	A72700245.0
	5 1/2"	25	50	153.60	A29700245.5	A72700245.5
	6"	25	50	168.00	A29700246.0	A72700246.0
	7"	20	40	197.50	A29700247.0	A72700247.0
	8"	20	40	227.50	A29700248.0	A72700248.0
9"	15	30	257.50	A29700249.0	A72700249.0	
10"	15	30	287.50	A297002410.0	A727002410.0	
11"	20	20	317.50	A297002411.0	A727002411.0	
12"	20	20	347.50	A297002412.0	A727002412.0	

2" NPT S80 2.375 OD / .218 wall		Inner Carton	Master Case	Weight per 100 pcs	Black Item Number	Galvanized Item Number
	Length					
	Close (2")	25	75	67.80	A2970032C	A7270032C
	2 1/2"	25	50	85.80	A29700322.5	A72700322.5
	3"	25	50	99.20	A29700323.0	A72700323.0
	3 1/2"	20	40	120.40	A29700323.5	A72700323.5
	4"	20	40	141.60	A29700324.0	A72700324.0
	4 1/2"	20	40	162.00	A29700324.5	A72700324.5
	5"	20	40	184.00	A29700325.0	A72700325.0
	5 1/2"	15	30	205.20	A29700325.5	A72700325.5
	6"	15	30	226.40	A29700326.0	A72700326.0
	7"	20	20	268.00	A29700327.0	A72700327.0
	8"	20	20	311.00	A29700328.0	A72700328.0
	9"	20	20	354.00	A29700329.0	A72700329.0
10"	20	20	397.00	A297003210.0	A727003210.0	
11"	15	15	440.00	A297003211.0	A727003211.0	
12"	15	15	483.00	A297003212.0	A727003212.0	

Steel Pipe Conforms to ASTM A53; Steel Nipples Conform to ASTM A733; NPT Threading Conforms to ASME B1.20.1



MSI Sch. 80 Steel Nipple Product Specifications



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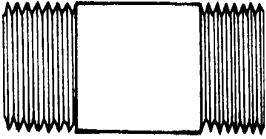


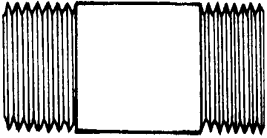
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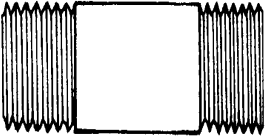
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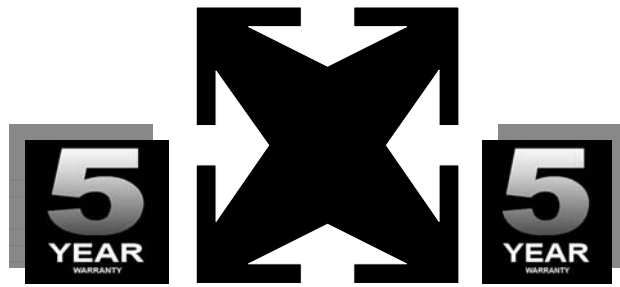
THREADS: ANSI / ASME B1.20.1

MATERIAL: ASTM A53

2-1/2" NPT S80 2.875 OD / .276 wall		Inner Carton	Master Case	Weight per 100 pcs	Black Item Number	Galvanized Item Number
	Length					
	Close (2-1/2")	20	40	112.00	A2970040C	A7270040C
	3"	20	40	147.00	A29700403.0	A72700403.0
	3 1/2"	15	30	165.20	A29700403.5	A72700403.5
	4"	15	30	197.40	A29700404.0	A72700404.0
	4 1/2"	15	30	229.80	A29700404.5	A72700404.5
	5"	20	20	267.40	A29700405.0	A72700405.0
	5 1/2"	20	20	306.60	A29700405.5	A72700405.5
	6"	20	20	329.00	A29700406.0	A72700406.0
	7"	20	20	385.00	A29700407.0	A72700407.0
	8"	10	10	450.80	A29700408.0	A72700408.0
	9"	10	10	539.00	A29700409.0	A72700409.0
	10"	10	10	583.80	A297004010.0	A727004010.0
11"	10	10	651.00	A297004011.0	A727004011.0	
12"	10	10	707.00	A297004012.0	A727004012.0	

3" NPT S80 3.500 OD / .300 wall		Inner Carton	Master Case	Weight per 100 pcs	Black Item Number	Galvanized Item Number
	Length					
	Close (2-5/8")	15	30	141.40	A2970048C	A7270048C
	3"	20	20	176.40	A29700483.0	A72700483.0
	3 1/2"	15	15	205.80	A29700483.5	A72700483.5
	4"	15	15	252.90	A29700484.0	A72700484.0
	4 1/2"	15	15	287.00	A29700484.5	A72700484.5
	5"	15	15	324.00	A29700485.0	A72700485.0
	5 1/2"	15	15	380.80	A29700485.5	A72700485.5
	6"	10	10	434.00	A29700486.0	A72700486.0
	7"	7	7	529.20	A29700487.0	A72700487.0
	8"	7	7	576.80	A29700488.0	A72700488.0
	9"	7	7	658.00	A29700489.0	A72700489.0
	10"	5	5	767.20	A297004810.0	A727004810.0
11"	5	5	841.40	A297004811.0	A727004811.0	
12"	5	5	938.00	A297004812.0	A727004812.0	

4" NPT S80 4.500 OD / .337 wall		Inner Carton	Master Case	Weight per 100 pcs	Black Item Number	Galvanized Item Number
	Length					
	Close (2-7/8")	20	20	280.00	A2970064C	A7270064C
	4"	10	10	352.80	A29700644.0	A72700644.0
	4 1/2"	8	8	427.00	A29700644.5	A72700644.5
	5"	8	8	485.00	A29700645.0	A72700645.0
	5 1/2"	8	8	525.00	A29700645.5	A72700645.5
	6"	8	8	602.00	A29700646.0	A72700646.0
	7"	4	4	660.80	A29700647.0	A72700647.0
	8"	4	4	832.20	A29700648.0	A72700648.0
	9"	4	4	938.80	A29700649.0	A72700649.0
	10"	4	4	1036.00	A297006410.0	A727006410.0
	11"	4	4	1062.00	A297006411.0	A727006411.0
	12"	4	4	1274.00	A297006412.0	A727006412.0



MSI 5 YEAR LIMITED WARRANTY

MSI warrants to its initial purchaser only, that its products which are delivered to the 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 (5) five years from the date of delivery to MSI's initial purchaser.

Should any failure to conform to this warranty appear within (5) five years after the date of the initial delivery to MSI's initial purchaser, MSI 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 replacement of product at our expense upon return of the defective product to MSI.

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. MSI shall not warranty 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 MSI to MSI's initial purchaser, with respect to the goods, whether based on contract, negligence, strict tort or otherwise. It is the intention of MSI that no warranty of any kind, whether expressed or implied shall pass through MSI's initial purchaser to any other person or corporation.

No returns will be permitted unless prior written permission of MSI is first obtained. Buyers shall be responsible for all costs of transportation as well as any applicable restocking fees.

This warranty is exclusively for the benefit of MSI's initial purchaser of the product from MSI and 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

MSI 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 or replacement of the product or damage caused by the product.

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