



# WESTBROOK

**SHEET NO. 228**

EFFECTIVE FEBRUARY 7, 2011

## CONCENTRIC SWAGE NIPPLES A234 WPB

PIPE	SIZE, INCHES		LENGTH INCHES	STANDARD		EXTRA HEAVY		DBL EX & 160	
	API OR O.D.	REDUCED TO		WEIGHT EACH	PRICE EACH	WEIGHT EACH	PRICE EACH	WEIGHT EACH	PRICE EACH
1/4	0.540	1/8	2 1/4				46.25	1/4	57.06
3/8	0.675	1/8	2 1/2			1/4	46.25	3/8	57.06
		1/4	2 1/2			1/4	40.61	3/8	50.24
1/2	0.840	1/8	2 3/4			1/3	46.25	1/2	57.06
		1/4 and 3/8	2 3/4			1/3	38.10	1/2	46.99
3/4	1.050	1/8	3			1/2	61.91	3/4	76.43
		1/4 and 3/8	3			1/2	56.42	3/4	69.62
		1/2	3			1/2	43.29	3/4	53.42
1	1.315	1/8	3 1/2			2/3	76.44	1	94.31
		1/4 and 3/8	3 1/2			2/3	67.07	1	86.90
		1/2 and 3/4	3 1/2			2/3	53.48	1	69.24
1 1/4	1.660	1/4 and 3/8	4			1	109.47	1 1/2	212.25
		1/2 and 3/4	4			1	83.15	1 1/2	192.91
		1	4			1	79.24	1 1/2	153.96
1 1/2	1.900	1/4 and 3/8	4 1/2			1 1/6	137.19	2	212.25
		1/2 and 3/4	4 1/2			1 1/6	106.13	2	201.01
		1	4 1/2			1 1/6	92.79	2	159.09
		1 1/4	4 1/2			1 1/6	92.79	2	144.62
2	2.375	1/4 and 3/8	6 1/2		----		215.15	4 1/4	341.07
		1/2 and 3/4	6 1/2		----	2 1/3	190.52	4 1/4	320.57
		1	6 1/2	2	130.53	2 1/3	150.74	4 1/4	297.92
		1 1/4	6 1/2	2	147.09	2 1/3	159.89	4 1/4	297.92
		1 1/2	6 1/2	2	111.08	2 1/3	150.74	4 1/4	297.92
2 1/2	2.875	1/2 and 3/4	7		----		----	8	393.16
		1	7	3	163.22	3 1/2	234.32	8	371.26
		1 1/4	7	3	177.81	3 1/2	245.76	8	371.26
		1 1/2	7	3	170.83	3 1/2	223.40	8	371.26
		2	7	3	139.97	3 1/2	179.98	8	338.12
3	3.500	1/2 and 3/4	8		----		500.60	11	500.60
		1	8	4 1/2	227.16	6	281.97	11	462.92
		1 1/4	8	4 1/2	247.49	6	295.87	11	462.92
		1 1/2	8	4 1/2	229.45	6	268.90	11	462.92
		2 and 2 1/2	8	4 1/2	160.17	6	207.35	11	404.35

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 Watts 800-9-FLANGE  
 Phone 713-675-6438  
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ISO 9001:2008  
  
  
  
 CERTIFICATE NO: 32813



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	API OR O.D.	REDUCED TO		WEIGHT EACH	PRICE EACH	WEIGHT EACH	PRICE EACH	WEIGHT EACH	PRICE EACH
3 1/2	<b>ALL REDUCTIONS</b>				<b>POA</b>		<b>POA</b>		<b>POA</b>
4	4.500	1/2 and 3/4	9		----		----	18	767.04
		1	9	7 1/2	360.94	10	443.37	18	611.54
		1 1/4 and 1 1/2	9	7 1/2	347.00	10	426.10	18	611.54
		2	9	7 1/2	253.97	10	343.44	18	541.40
		2 1/2	9	7 1/2	274.49	10	328.06	18	541.40
		3 and 3 1/2	9	7 1/2	233.16	10	312.70	18	541.40
5	5.563	1 thru 1 1/2	11	11 1/2	POA	17	POA	33	POA
		2 and 2 1/2	11	11 1/2	962.33	17	1032.27	33	POA
		3 and 3 1/2	11	11 1/2	777.35	17	930.13	33	POA
		4	11	11 1/2	640.43	17	827.14	33	POA
6	6.625	1 thru 1 1/2	12	17	POA	25	POA	46	POA
		2 and 2 1/2	12	17	1,234.08	25	1,205.59	46	POA
		3 and 3 1/2	12	17	878.85	25	1,036.75	46	POA
		4	12	17	725.95	25	1,013.20	46	POA
		5	12	17	697.62	25	920.96	46	POA
8	8.625	2 thru 3	13	29	2,754.36	44	2,641.64	78	POA
		4 thru 5	13	29	2,654.04	44	2,750.47	78	POA
		6	13	29	1,620.03	44	2,067.96	78	POA

CARBON STEEL SWAGES CONFORM TO ASTM A-234WPB S-9 MSS SP95  
CARBON STEEL SWAGES NORMALIZED ARE MARKED "N"

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